

City of Hattiesburg, MS

*200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401*



Meeting Agenda - Final

Tuesday, August 22, 2017

5:00 PM

Council Chambers

City Council

I. Call to Order**II. Call to Prayer and Pledge of Allegiance****III. Agenda Order****IV. PRESENTATION AGENDA****V. POLICY AGENDA**

- V.-1** [2017-658](#) APPROVE OR DENY to Adopt an Ordinance establishing a leisure and recreation district within the corporate boundaries of the City of Hattiesburg and designating the geographic areas and boundaries of said district, and amending Ordinance Numbers 3148 and 2103 and Chapter 3.7 of the Code of Ordinances, amending the regulations for possession or consumption of alcoholic beverages, beer or light wine in certain places and creating exceptions for special events, and for related purposes.

Attachments:

[Proposed ORD-Leisure and Recreation District](#)
[Boundary Map, COH Leisure and Recreation District](#)
[ABC permits within COH Leisure and Recreation District as of 7.31.17](#)
[Legal Description for Downtown Hattiesburg](#)
[MD - Leisure and Recreation Ordinance Statement, 8-22-17](#)
[ORD#3216, executed Proposed ORD-Leisure and Recreation District](#)

- V.-2** [2017-654](#) Adopt Resolutions condemning the following properties as unclean and a menace to the health and safety of the community.

Attachments:

- [Adopt MEMO 08-22-17](#)
- [1. 535 W. 4TH ST.-RES](#)
- [2. 902 W. 5TH ST.-RES](#)
- [3. 124 E. 7TH ST.-RES](#)
- [4. 601 E. 9TH ST.-RES](#)
- [5. 707 E. 9TH ST.-RES](#)
- [6. 700 SHORT 9TH ST.-RES](#)
- [7. 315 N. 20TH AVE.-RES](#)
- [8. 702 S. 22ND AVE.-RES](#)
- [9. 305 KLONDYKE ST.-RES](#)
- [10. 307 KLONDYKE ST.-RES](#)
- [13. 1312 DEASON AVE.-RES](#)
- [14. 1305 REBECCA AVE.-RES](#)
- [15. 1307 REBECCA AVE.-RES](#)
- [16. 218 OAK ST.-RES](#)
- [17. 809 AND A HALF FAIRLEY ST.-RES](#)
- [18. 708 RIVER ST.-RES](#)
- [19. 6 BONNIE ST.-RES](#)
- [20. 201 CHESTNUT AVE.-RES](#)
- [21. 210 CHESTNUT AVE.-RES](#)
- [22. 212 CHESTNUT AVE.-RES](#)
- [23. 1213 EDWARDS ST.-RES](#)
- [24. 105 EDNA ST.-RES](#)
- [25. 6208 U.S. HWY 49-RES](#)
- [26. 2917 LARAMIE CIR.-RES](#)
- [27. 603 E. PINE ST.-RES](#)
- [28. 2202 & A HALF ADELINE ST.-RES](#)
- [29. 103 MONTAGUE ST.-RES](#)
- [30. 219 S. 23RD AVE.-RES](#)
- [31. 211 S. 24TH AVE.-RES](#)
- [32. 211 & A HALF S. 24TH AVE.-RES](#)
- [33. 304 MABLE ST.-RES](#)
- [34. 306 MABLE ST.-RES](#)
- [35. 308 MABLE ST.-RES](#)
- [36. GOLF COURSE RD_2-025P-36-027-RES](#)
- [37. 809 N. 30TH AVE.-RES](#)
- [38. 901 FAIRLEY ST.-RES](#)
- [39. 1108 E. HARDY ST.-RES](#)

[40. 115 HARRELL ST.-RES](#)
[41. 1600 E. HARDY ST. I-RES](#)
[42. 1600 E. HARDY ST. II-RES](#)
[RES#2017-117 executed 28. 2202 ½ Adeline St. - RES](#)
[RES#2017-118 executed 29. 103 Montague St. - RES](#)
[RES#2017-119 executed 30. 219 S. 23rd Ave.. - RES](#)
[RES#2017-120 executed 31. 211 S. 24th Ave. - RES](#)
[RES#2017-121 executed 32. 211 ½ S. 24th Ave. - RES](#)
[RES#2017-122 executed 33. 304 Mable St. - RES](#)
[RES#2017-123 executed 34. 306 Mable St. - RES](#)
[RES#2017-124 executed 35. 308 Mable St. - RES](#)
[RES#2017-125 executed 36. Golf Course Rd. - RES](#)
[RES#2017-126 executed 37. 809 N. 30th Ave- RES](#)
[RES#2017-127 executed 38. 901 Fairley St. - RES](#)
[RES#2017-128 executed 39. 1108 E. Hardy St. - RES](#)
[RES#2017-129 executed 40. 115 Harrell St. - RES](#)
[RES#2017-130 executed 41. 1600 E. Hardy St. - RES](#)
[RES#2017-131 executed 42. 1600 E. Hardy St. - RES](#)
[RES#2017-93 executed 1. 535 W. 4th St. - RES](#)
[RES#2017-94 executed 3. 124 E. 7th St. - RES](#)
[RES#2017-95 executed 4. 601 E. 9th St. - RES](#)
[RES#2017-96 executed 5. 707 E. 9th St. - RES](#)
[RES#2017-97 executed 6. 700 Short 9th St. - RES](#)
[RES#2017-98 executed 7. 315 N. 20th Ave. - RES](#)
[RES#2017-99 executed 8. 702 S. 22nd Ave. - RES](#)
[RES#2017-100 executed 9. 305 Klondyke St. - RES](#)
[RES#2017-101 executed 10. 307 Klondyke St. - RES](#)
[RES#2017-102 executed 13. 1312 Deason Ave. - RES](#)
[RES#2017-103 executed 14. 1305 Rebecca Ave. - RES](#)
[RES#2017-104 executed 15. 1307 Rebecca Ave. - RES](#)
[RES#2017-105 executed 16. 218 Oak St. - RES](#)
[RES#2017-106 executed 17. 809 ½ Fairley St. - RES](#)
[RES#2017-107 executed 18. 708 River St. - RES](#)
[RES#2017-108 executed 19. 6 Bonnie St. - RES](#)
[RES#2017-109 executed 20. 201 Chestnut Ave. - RES](#)
[RES#2017-110 executed 21. 210 Chestnut Ave. - RES](#)
[RES#2017-111 executed 22. 212 Chestnut Ave. - RES](#)
[RES#2017-112 executed 23. 1213 Edwards St. - RES](#)

[RES#2017-113 executed 24. 105 Edna St. - RES](#)

[RES#2017-114 executed 25. 6208 U.S. Hwy 49- RES](#)

[RES#2017-115 executed 26. 2917 Laramie Circle- RES](#)

[RES#2017-116 executed 27. 603 E. Pine St. - RES](#)

- V.-3** [2017-653](#) Adopt the August 22, 2017 Amendments to the Budget for the City of Hattiesburg for the fiscal year ending September 30, 2017 and adopt resolution authorizing publication of amendments for funds in excess of 10% of the original appropriation fund balance.

Attachments: [August 2017 Budget Amendments](#)

[RES#2017-132, executed August 2017 Budget Amendments](#)

- V.-4** [2017-652](#) Adopt a Resolution authorizing Requisition No. 8 from the Project Fund Construction Account in connection with a certain loan agreement, dated August 18, 2016, by and between the Mississippi Development Bank and the City of Hattiesburg.

Attachments: [2016 Bond Resolution No. 8](#)

[RES#2017-133, executed 2016 Bond Resolution No. 8](#)

- V.-5** [2017-643](#) Approve Change Order No. 1 with Walters Construction Company, Inc., for the Edwards Street to Hall Avenue Pathway project extending contract time due to the January 21, 2017 tornado; Authorize publication of Notice of Final Settlement; Authorize payment of final pay application.

Attachments: [Change order-Closeout Documents.1](#)

[Notice of Final Settlement-Edwards to Hall Path](#)

[executed Notice of Final Settlement-Edwards to Hall Path](#)

- V.-6** [2017-657](#) Approve contract with Neel-Schaffer, Inc. for construction engineering and inspection services for the Pathway Improvements from Train Depot to Chain Park Project (Project No. STP-8771-00(002) LPA/106943-701000); Authorize Mayor to execute said contract.

Attachments: [106943-701000 CEI Contract.B](#)

[executed 106943-701000 CEI Contract.B](#)

- V.-7** [2017-649](#) Approve Supplemental Agreement No. 1 with C. B. Developers, Inc. for the Old Highway 98 East and W. L. Runnels Industrial Drive project adjusting quantities to actual and decreasing contract amount by \$750.34; Authorize publication of Notice of Final Settlement; Authorize payment of final pay application.

Attachments: [Closeout Documents](#)
[Final Pay Estimate](#)
[Supplemental Agreement No. 1](#)
[Notice of Final Settlement - Old 98 & Runnels Rd](#)
[executed Notice of Final Settlement - Old 98 & Runnels Rd](#)
[executed Supplemental Agreement No. 1 - C.B. Developers Inc. for Old Hwy 98](#)

- V.-8** [2017-645](#) Approve waiver valuations and appraisal amounts for three properties necessary for 28th Avenue Bridge Project and declare them as fair market value, pursuant to MS Code 43-37-3 and other applicable statutes; authorize fair market value offers for parcels 2-039J-20-097.00, 2-039K-20-014.00, and 2-039J-20-093.00.

Attachments: [Custom Services-Waiver](#)
[Mimosa-Waiver](#)
[York-Waiver](#)

- V.-9** [2017-644](#) Authorize publication of Notice of Final Settlement for contract with JET Construction, Inc., for the Longleaf Trace Phase III Project; Authorize payment of final pay application.

Attachments: [Notice of Final Settlement-LLT Ph III](#)
[Closeout Documents](#)
[executed Notice of Final Settlement-LLT Ph III](#)
[executed Closeout Documents](#)

- V.-10** [2017-642](#) Authorize Mayor to execute six (6) copies of contract with Warren Paving, Inc. for the Highway 11 Medical Park Access Roadway Project.

Attachments: [104-16 Contract Documents and Stamped Specifications-Warren](#)
[executed 104-16 Contract Documents and Stamped Specifications-Warren](#)

- V.-11 [2017-624](#) Authorize the Mayor to execute a HOME Program Downpayment Assistance Award in the amount of \$3,357.00 to James Massengale, and approve and authorize the issuance of a manual check for the same. {Entitlement}

Attachments: [DPA Grant James Massengale](#)
[Homebuyer Agreement James Massengale](#)
[executed Homebuyer Agreement James Massengale](#)
[executed DPA Grant James Massengale](#)

VII. ROUTINE AGENDA

- VII.-1 [2017-656](#) Set a public hearing on the proposed budget and proposed tax levies for fiscal year 2018 for 6 p.m. Thursday, September 7, 2017, in Council Chambers at City Hall; Authorize advertisement of Notice of Public Hearing.

Attachments: [Public Hearing Notice FY 18 Budget](#)

- VII.-2 [2017-651](#) Acknowledge receipt of monthly budget report for the month ending July 31, 2017.

Attachments: [EXP17.0717](#)
[REV17.0717](#)

- VII.-3 [2017-626](#) Acknowledge receipt of request filed by Corey Arrington, to appeal the Planning Commission's recommendation for the petition filed by Corey Arrington, Applicant, on behalf of Marvin Arrington, Owner, to change the zoning classification for a certain property located at 314 Bay Street (Parcel 029P-10-281.00, PPIN 18609, Ward 4) from Section 4.5.4, R-1B (Single Family Residential) District to Section 4.5.9, B-2 (Neighborhood Business) District.; (Hattiesburg Planning Commission recommended to APPROVE on August 2, 2017); Set a public hearing before City Council at 4:00 p.m. September 18, 2017; and authorize publication of Public Notice setting an Appeal Public Hearing.

Attachments: [Rezone Appeal](#)
[Public Notice - Public Hearing - 314 Bay Street Rezone](#)

- VII.-4** [2017-636](#) Acknowledge receipt of request filed by Corey Arrington, to appeal the Planning Commission's recommendation for the petition filed by Tara Poole, President, HHNA, to amend the City's Comprehensive Plan 2008-2028, Chapter - 7 Land Use and Development, Map 2. Future Land Use, to change the designated "Future Land Use" of Bay Street from the intersection of Hall Avenue to Gordon's Creek from "Neighborhood Business" to "Neighborhood Conservation District 1"; (Hattiesburg Planning Commission recommended to APPROVE on August 2, 2017); Set a public hearing before City Council at 4:00 p.m. September 18, 2017; and authorize publication of Public Notice setting an Appeal Public Hearing.

Attachments: [Comp Plan Appeal](#)
 [Public Notice - Public Hearing - Comp Plan Amendment](#)

- VII.-5** [2017-637](#) Acknowledge receipt of request filed by Joe Wiley, to appeal the Planning Commission's recommendation for the petition filed by Chad Edmonson, Applicant, on behalf of Chad Edmonson, Owner, to change the zoning classification for a certain property located at 1711 S 28th Avenue (Parcel 039K-19-015.00, PPIN 17194, Ward 3) from Section 4.5.3, R-1A (Single Family Residential) District to Section 4.5.8, B-1 (Professional Business) District; (Hattiesburg Planning Commission recommended to APPROVE on August 2, 2017); Set a public hearing before City Council at 4:00 p.m. September 18, 2017; and authorize publication of Public Notice setting an Appeal Public Hearing.

Attachments: [1711 S 28th Appeal](#)
 [Public Notice - Public Hearing - 1711 S. 28th Ave Rezone](#)

- VII.-6** [2017-631](#) Authorize submission of 2017 USDOJ Edward Byrne Memorial Justice Assistance Grant in the amount of \$18,795.00 to be shared by City of Hattiesburg with disparate jurisdiction Forrest County (\$11,277.00 Hattiesburg / \$7,518.00 Forrest County).

Attachments: [MEMORANDUM OF UNDERSTANDING](#)
[PUBLIC ANNOUNCEMENT 2017](#)
[Budget Summary](#)
[Budget Detail Worksheet](#)
[City of Hattiesburg Program Narrative](#)
[City of Hattiesburg Project Abstract](#)
[Budget Narrative](#)
[Appendix III](#)
[Mississippi JAG Allocations](#)
[Financial Management and System of Internal Controls Questionnaire](#)
[Certification of Compliance](#)
[Certification and Assurances](#)
[executed MEMORANDUM OF UNDERSTANDING](#)
[executed Certification of Compliance](#)
[executed Certification and Assurances](#)

- VII.-7** [2017-634](#) Approve and authorize issuance of manual check for CDBG Program Claim per the attached memorandum. {Entitlement CDBG}

Attachments: [August 22, 2017 CDBG Program Claims](#)

- VII.-8** [2017-648](#) Approve Specifications and Authorize Publication of Advertisement for Maintenance on Generators at City Owned Facilities, for the City of Hattiesburg Public Works Department.

Attachments: [NTB- Generators](#)
[SPECS- Generators](#)

- VII.-9** [2017-646](#) Approve Specifications and Authorize Publication of Advertisement for Term Bid Item #4 Athletic Uniforms for Parks & Recreation for Bid Term beginning October 1, 2017 through September 30, 2019.

Attachments: [Item 4 Athletic Uniforms Parks Rec](#)
[Notice to Bidders - Item 4 Athletic Uniforms Parks Rec](#)

- VII.-10** [2017-635](#) Approve the City's Purchase from Bonnie Roberts of one (1) Grave space, located in the West Half (W1/2) of the Southeast Quarter (SE1/4), Lot 86, Section 29, at Highland Cemetery, MB#2004-5/503-521, in the amount of \$ 175.00; Authorize manual check for the same.

Attachments: [Bonnie Roberts- Buy Back \(08-22-2017\)](#)

- VII.-11** [2017-641](#) Approve the sale of grave spaces, per attached memos.

Attachments: [Memos & Receipts \(8-22-2017\)](#)

[Deeds 8-22-17](#)

[executed Deeds 8-22-17](#)

- VII.-12** [2017-650](#) Approve claims docket for the period ending August 18, 2017.

Attachments: [Claims Docket for the period ending 8-18-17](#)



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-658

File ID: 2017-658

Type: Ordinance

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester: Carter Carroll

File Created: 08/18/2017

Brief Title: Proposed Ordinance Establishing Leisure and Recreation District

Final Action: 08/22/2017

Minute Book Number: MB2017-354-355

Title:

APPROVE OR DENY to Adopt an Ordinance establishing a leisure and recreation district within the corporate boundaries of the City of Hattiesburg and designating the geographic areas and boundaries of said district, and amending Ordinance Numbers 3148 and 2103 and Chapter 3.7 of the Code of Ordinances, amending the regulations for possession or consumption of alcoholic beverages, beer or light wine in certain places and creating exceptions for special events, and for related purposes.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: V.-1

Sponsors:

Enactment Date:

Attachments: Proposed ORD-Leisure and Recreation District, Boundary Map, COH Leisure and Recreation District, ABC permits within COH Leisure and Recreation District as of 7.31.17, Legal Description for Downtown Hattiesburg, MD - Leisure and Recreation Ordinance Statement, 8-22-17, ORD#3216, executed Proposed ORD-Leisure and Recreation District

Enactment Number:

Contact:

Meeting Date: 08/22/2017

Drafter: Debbie Bernardo

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017	Adopt				Pass

Action Text: A MOTION was made by Council Vice President Dryden and seconded by Council Member George to APPROVE to Adopt an Ordinance (#3216) establishing a leisure and recreation district within the corporate boundaries of the City of Hattiesburg and designating the geographic areas and boundaries of said district, and amending Ordinance Numbers 3148 and 2103 and Chapter 3.7 of the Code of Ordinances, amending the regulations for possession or consumption of alcoholic beverages, beer or light wine in certain places and creating exceptions for special events, and for related purposes.

Council Vice President Dryden read aloud a statement regarding the proposed ordinance (attached).

Council member Delgado stated that she agrees with the spirit of this ordinance; however, she said she is concerned because she asked that the Twin Forks business districts be included. She said she will vote against the ordinance because [the city] had the opportunity to create other districts and chose not to do so.

Council President Carroll said that this is a very progressive ordinance that will be a great boost to downtown and to other areas as they grow; he thanked the Mayor for his role in making the ordinance possible.

Mayor Barker said that when this came up as a bill in 2016, it was isolated to three coastal counties until he offered a creative amendment, to allow it also in any county where Highways 49 and 59 intersect. He said that he hopes the ordinance will serve as an avenue for economic growth; he said he is interested in seeing a district in the avenues and Midtown and has committed to helping Council member Delgado create a Twin Forks district, and hopes the Council will join him.

Council Vice President Dryden stated that downtown was chosen as the first "to-go cup" district because of its walkability.

Following discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 4 - George, Carroll, Dryden and Brown

Nays: 1 - Delgado

Yea: 4	Council Member George
	Council President Carroll
	Council Vice President Dryden
	Council Member Brown
Nay: 1	Council Member Delgado

Text of Legislative File 2017-658

Title

APPROVE OR DENY to Adopt an Ordinance establishing a leisure and recreation district within the corporate boundaries of the City of Hattiesburg and designating the geographic areas and boundaries of said district, and amending Ordinance Numbers 3148 and 2103 and Chapter 3.7 of the Code of Ordinances, amending the regulations for possession or consumption of alcoholic beverages, beer or light wine in certain places and creating exceptions for special events, and for related purposes.

Summary

Proposed Ordinance Establishing Leisure and Recreation District

Budget Information

Expenditure Type

Purchasing Item

Publication Information

ORDINANCE NO. _____

AN ORDINANCE TO ESTABLISH A LEISURE AND RECREATION DISTRICT WITHIN THE CORPORATE BOUNDARIES OF THE CITY OF HATTIESBURG, MISSISSIPPI, AND DESIGNATE THE GEOGRAPHIC AREAS INCLUDED WITHIN AND BOUNDARIES OF SAID DISTRICT; AND TO AMEND ORDINANCE NUMBER 3148, ADOPTED 12-16-14 AND AMENDED 2-21-17, ORDINANCE NUMBER 2103, ADOPTED 2-8-83, AND CHAPTER 3.7 OF THE CODE OF ORDINANCES, AMENDING THE REGULATIONS FOR POSSESSION OR CONSUMPTION OF ALCOHOLIC BEVERAGES, BEER OR LIGHT WINE IN CERTAIN PLACES AND CREATING EXCEPTIONS FOR SPECIAL EVENTS; AND FOR RELATED PURPOSES

**BE IT ORDAINED BY THE MAYOR AND COUNCIL
OF THE CITY OF HATTIESBURG, MISSISSIPPI:**

WHEREAS, the City of Hattiesburg, Mississippi, is a duly organized and incorporated municipality pursuant to Section 21-8-1, et seq., of the Mississippi Code of 1972 (as amended); and,

WHEREAS, during the 2016 Legislative Session, the Legislature of the State of Mississippi enacted House Bill 1223, which permits and authorizes certain municipalities in the State of Mississippi to establish Leisure and Recreation Districts and to designate the geographic areas included within and the boundaries of said districts; and,

WHEREAS, the Governor signed House Bill 1223 into law, and the same became effective on and after July 1, 2016; and,

WHEREAS, House Bill 1223 requires that an Ordinance establishing a Leisure and Recreation District shall describe the area or areas within the district and its boundaries in detail, and shall contain a georeferenced map of the district as well as the municipality's plan for providing adequate law enforcement and other public safety measures and services within the district; and,

WHEREAS, municipalities with leisure and recreation districts authorize business entities that hold alcoholic beverage permits issued by the Department of Revenue and that are located within the boundaries of the designated Leisure and Recreation District to allow patrons to leave the licensed premises with an open container of alcohol and to carry and consume alcoholic beverages within said district; and,

WHEREAS, the governing authority of the City of Hattiesburg, Mississippi, has determined and hereby finds that the City of Hattiesburg, Mississippi, would enhance pedestrian-oriented areas and thus benefit from the establishment of leisure and recreation district(s) within the City of Hattiesburg; and,

WHEREAS, the governing authority of the City of Hattiesburg, Mississippi, has further determined that establishment of a Leisure and Recreation District within the downtown area would be in the best interests of the City of Hattiesburg; and,

WHEREAS, the Mayor and City Council of the City of Hattiesburg have found that the manner of current law enforcement is adequate and sufficient for the area to be designated as a leisure and recreation district, and the Mayor therefore has agreed to direct that the Hattiesburg Police Department continue to provide adequate and sufficient law enforcement and other public safety measures and services as stated herein in the city's Leisure and Recreation districts; and,

WHEREAS, nothing herein is intended to confer any rights or entitlement, as the sale of alcohol within an area designated as a Leisure and Recreation District is a privilege and not a right and is subject at all times to reasonable regulation; and,

WHEREAS, subject to the terms and limitations of House Bill 1223 (2016 Legislative Session) and this Ordinance, the City of Hattiesburg hereby establishes a Leisure and Recreation District in the downtown area as more fully set forth herein.

NOW THEREFORE, BE IT ORDAINED by the Mayor and City Council of the City of Hattiesburg, Mississippi, that this Ordinance shall be named the HATTIESBURG LEISURE AND RECREATION DISTRICTS ORDINANCE and is as follows:

SECTION 1. TITLE : This ordinance shall be known as **HATTIESBURG LEISURE AND RECREATION DISTRICTS ORDINANCE.**

SECTION 2. CREATION AND ESTABLISHMENT OF DISTRICTS: Under the authority granted in Section 1 of House Bill 1223 (2016 Legislative Session), the City of Hattiesburg does hereby establish Leisure and Recreation District(s) within the City of Hattiesburg, hereafter known as the DISTRICT.

- a. Downtown Social District (District 1) description is attached as Exhibit 1;
- b. A map of Downtown Social District (District 1) is attached as Exhibit 2;
- c. Additional districts may be created in the future as deemed beneficial by the Mayor and City Council for the City of Hattiesburg.

SECTION 3. AUTHORITY: The areas designated as the DISTRICT, pursuant to House Bill 1223, are hereby granted such authority as stated therein. Further, in addition to any other authority granted by law, the holder of a permit issued by the State of Mississippi to sell or otherwise provide alcoholic beverages, beer and /or wine to a patron of the permit holder in the manner authorized in the permit, may allow a patron to remove an open cup or other non-glass container (as stated in section 4 (3) below) of alcoholic beverages, beer and/or wine from the permitted premise located within the DISTRICT as stated above, and the patron remains within the boundaries of the DISTRICT while in possession of and/or while consuming such alcoholic beverages, beer or wine.

SECTION 4. OUTSIDE CONSUMPTION OF ALCOHOLIC BEVERAGES

PERMITTED; CONDITIONS. Any on-premise retail alcoholic beverage permittee (hereinafter, “permittee”) located within the DISTRICT shall comply with all laws, rules and regulations which govern its license type, except that a patron, guest or member of that licensee may exit the permitted premises during any times said permitted retail establishment is open, with no more than one open container of alcoholic beverage, beer and/or wine, and may possess and continue to consume said alcoholic beverage, beer and/or wine outside of the licensed premises anywhere within the boundaries of the DISTRICT, subject to the following regulations:

1. Nothing in this Ordinance permits a patron to possess or consume an alcoholic beverage, beer or wine that was not purchased from an on-premise retail alcohol beverage permittee located within the DISTRICT.
2. A person may not enter a licensed premise with an open container or closed container of alcoholic beverage, beer or wine acquired elsewhere.
3. A permittee located in the DISTRICT shall allow alcoholic beverages to be removed from the licensed premises only in a can, paper, plastic, styrofoam, or other non-glass container.
4. No permittee shall allow a patron, guest or member to exit its licensed premises with more than one open container of an alcoholic beverage, and it shall be unlawful for any person to exit such licensed premises with more than one such open container.
5. Permittees located in the DISTRICT may allow alcoholic beverages to be removed from the licensed premises during any times said permitted retail establishment is open, so long as it is consistent with City Ordinance 3148, Sect 3.5, which specifies hours of consumption as: Monday thru Saturday 8 a.m. - 2 a.m.; and Sunday 10:30 a.m.- midnight.
6. Nothing in this ordinance shall be construed to require a permittee located in the District to allow its patrons to remove alcoholic beverages and/or wine, in open containers, from the licensed premises.
7. Each permittee shall be required to place a trash receptacle, consistent with the specified design approved for the DISTRICT, at the exit door of the premises.

8. Permittees located in the DISTRICT shall post, at all points of egress from the licensed premises, a map of the boundaries of the DISTRICT in which it is located. The map shall be provided by the City, either in electronic or paper form, to those permittees upon their request.
9. The purpose of this ordinance being primarily to allow pedestrians to carry open containers as described in this ordinance within a Leisure and Recreation District, nothing in this ordinance shall be construed to allow patrons, guests, or members of a licensee to drive a motor vehicle or non-motor vehicle while carrying an open container of alcoholic beverage on to or into a motor vehicle or pedestrian-driven vehicle, and it shall be a violation of this ordinance for any person to drive a motor vehicle or non-motor vehicle while carrying an open container as described in this ordinance containing an alcoholic beverage within the District in which it was purchased. This sub-paragraph "9" does not apply to non-driving passengers of vehicles. Nothing in this ordinance shall be construed to allow patrons, guests or members of a licensee to leave a District as a pedestrian or in a motor vehicle or non-motor vehicle of any kind while carrying an open container of alcoholic beverage.
10. Nothing in this ordinance shall be construed to allow patrons, guests or members of a licensee to impede traffic on a public street or within private or public parking lots.

SECTION 5. DRINKING IN PUBLIC PLACES; AMENDMENTS TO ORDINANCE NUMBERS 3148 AND 2103 AND TO THE CODE OF ORDINANCES:

Section 2 of Ordinance Number 3148, adopted 12-16-14 and amended 2-21-17; Section 1 of Ordinance Number 2103, adopted 2-8-83; and Chapter 3.7 of the Code of Ordinances are hereby amended to read as follows:

"It shall be unlawful for any person, group association, or any and all legal entities recognized by law to possess or consume alcoholic beverages, beer or light wine, as defined by any statute of this state, in the city hall, municipal school buildings, stadiums, any public playgrounds, or public parks, or clubhouses situated therein, or any fire station, or on any and all other public grounds, buildings, parks, and places owned, maintained or operated by the city; except, that this section shall not apply to any individuals, groups or associations utilizing any municipally owned building under a written lease or rental agreement granted by the city; and it shall be unlawful for any person to consume any alcoholic beverage, beer, or light wine on any public street, sidewalk or alley owned, maintained or operated by the city, except that it shall not be unlawful for any person to consume an alcoholic beverage, beer or light wine on streets in an established LEISURE AND RECREATION DISTRICT; and it shall not be unlawful for any person to consume beer or light wine on streets in the downtown area that have been closed to vehicular traffic for special events that are sponsored or approved by the City of Hattiesburg; during said City-sponsored or approved events in the downtown area, no beer or light wine may be possessed or consumed from glass containers.

SECTION 6. PUBLIC SAFETY MEASURES: The City of Hattiesburg by and through its Police and Fire Departments, shall provide for adequate law enforcement and other public safety measures and services within the DISTRICT as required by State Law. In addition, the Police and Fire Departments shall provide public safety services within the District in the same manner it provides those services in the remainder of the City. Nothing in this ordinance shall be construed to amend or change any other ordinance pertaining to amplified music, noise, litter, or loitering.

SECTION 7. DEFINITION OF ALCOHOLIC BEVERAGES. For the purposes of this Ordinance, the term "alcoholic beverages" shall mean any alcoholic liquid, including wines of more than five percent (5%) of alcohol by weight, capable of being consumed as a beverage by a human being, but shall not include light wine and beer, as defined in Section 67-3-3, Mississippi Code of 1972, but shall include native wines.

SECTION 8. BEER AND LIGHT WINE. Within the boundaries of the DISTRICT, a permittee may allow beer and light wine to be removed from the licensed premises as permittee in Sec 4.

SECTION 9 RESERVATION OF RIGHTS : The City reserves the right to modify or repeal this ordinance, and any district designation created hereunder, at any time, with or without notice.

SECTION 10. REPEAL AND CONFLICTS. All ordinances or parts thereof that address alcohol consumption in conflict with this ordinance are hereby repealed within the geographic boundaries of the DISTRICT created herein.

SECTION 11 EFFECTIVE DATE: This ordinance shall be effective upon approval as required by law, execution and publication.

The above and foregoing Ordinance, having been first reduced to writing, was introduced by Council member _____, seconded by Council member _____, and adopted by the following roll call vote:

<u>AYES</u>	<u>NAYS</u>	<u>ABSENT</u>
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The President thereby declared the motion carried and the Resolution adopted, this the 22nd day of August, A.D., 2017.

(SEAL)

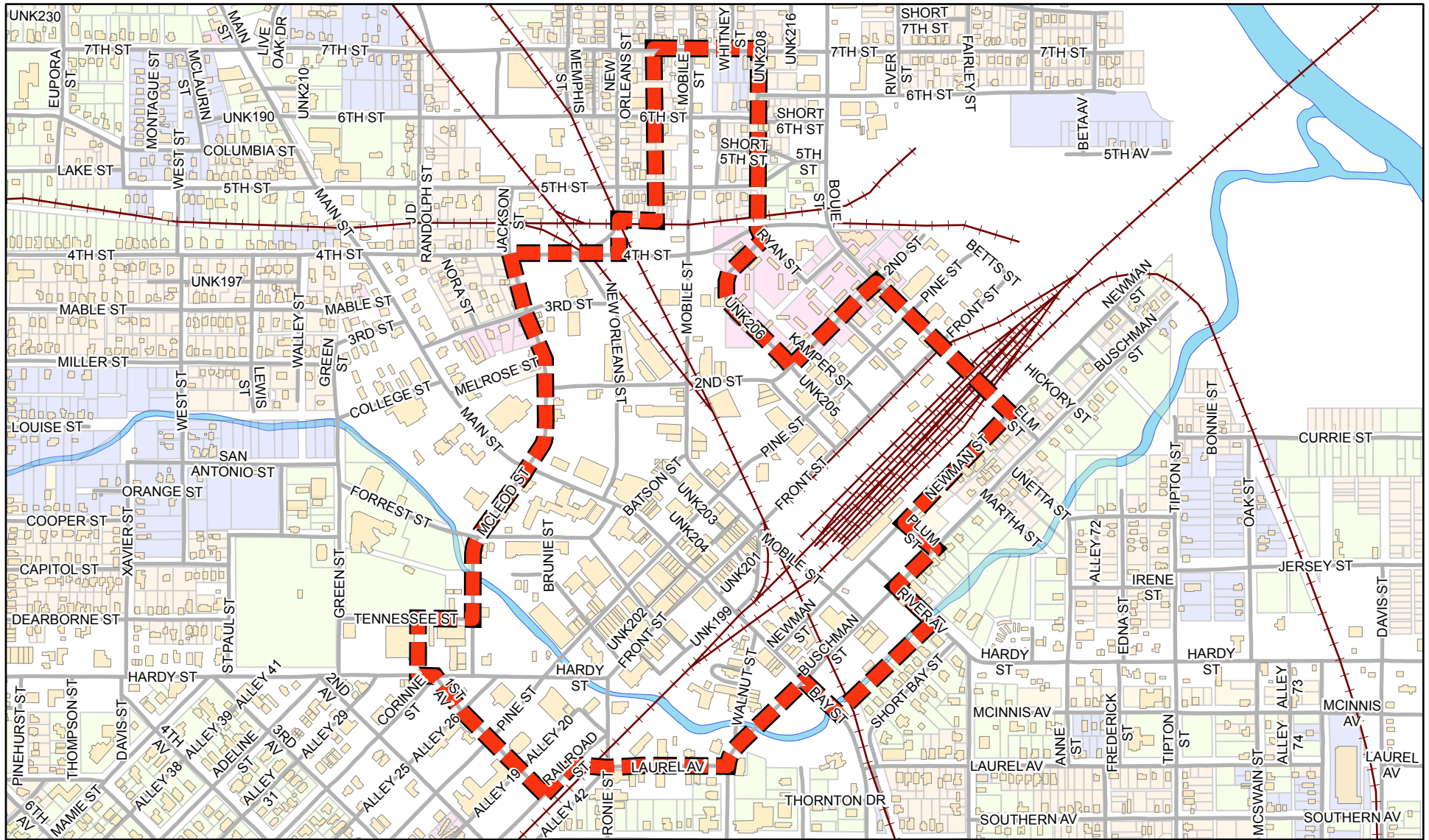
ATTEST:	ADOPTED
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_____ CLERK OF THE COUNCIL	_____ PRESIDENT
--------------------------------------	---------------------------

The above and foregoing Ordinance was submitted to and approved by the Mayor, this the 22nd day of August, A.D., 2017.

ATTEST:	APPROVED:
----------------	------------------

_____ CITY CLERK	_____ MAYOR
----------------------------	-----------------------



Legend

- | | |
|--|--|
|  To-Go Cup Boundary |  R-1C |
|  Buildings |  R-2 |
|  Rails |  R-3 |
| ZoneClass |  RA-3 |
|  R-1A |  RD-2 |
|  R-1B |  Water Bodies |

DOWNTOWN HATTIESBURG

To-Go Cup Ordinance Boundary

Map provided by the GIS Division of the
HPFL Metropolitan Planning Organization
Department of Urban Development
City of Hattiesburg, Mississippi

This map is unofficial and is subject to validation.
It is not intended for site specific review.
It does not necessarily reflect the most current
changes and was created for general planning purposes only.
Map created May 2017.



PERNO	RET ACCTNO	NAME	TYPE	CONTACT	ADDRESS 1	ADDRESS 2	CITY	STATE	ZIP	BILL TO ADDRESS 1	BILL TO AD CITY	STATE	ZIP	PHONE	
25341	1327-4108	BENNIES BOOM BOOM ROOM	OnPrmsRetail	BENJAMIN SHEMPER	142 E FRONT ST		HATTIESBURG	MS	39401	PO BOX 885	HATTIESBURG	MS	39403	601-408-6040	
23619	1327-2363	BIANCHI'S PIZZERIA	OnPrmsRetail	THOMAS WHITE	128 E FRONT ST		HATTIESBURG	MS	39401	119 SAINT ANDREWS	HATTIESBURG	MS	39401	601-543-0707	
40103	1346-8074	BIANCHI'S PIZZERIA	tc2OnPremise		128 E FRONT ST		HATTIESBURG	MS	39401	128 E FRONT ST	HATTIESBURG	MS	39401	- -	
47094	1357-6266	BIANCHI'S PIZZERIA	OnPrmsRetail	THOMAS WHITE	128 E FRONT ST		HATTIESBURG	MS	39401	128 E FRONT ST	HATTIESBURG	MS	39401	601-434-6886	
43128	1361-2077	BLACKSHEEP'S CAFE & SPEAKEASY	OnPrmsRetail	PARKER BELL	E FRONT ST	BLDG 103	HATTIESBURG	MS	39401	E FRONT ST	BLDG 103	HATTIESBURG	MS	39401	601-818-5587
30011	1327-2415	DOLLAR BOX BALLROOM (THE)	OnPrmsRetail	BENJAMIN SHEMPER	600 N MAIN ST	BLDG 1	HATTIESBURG	MS	39401	PO BOX 885	HATTIESBURG	MS	39403	601-408-6040	
29543	1327-3289	END ZONE (THE)	OnPrmsRetail	JOE WALKER	2505 W 4TH ST		HATTIESBURG	MS	39401	41 AKERS LN	HATTIESBURG	MS	39402	601-818-7373	
46076	1347-9437	FRONT STREET BAR	OnPrmsRetail	THOMAS WHITE	206 W FRONT ST		HATTIESBURG	MS	39401	206 W FRONT ST	HATTIESBURG	MS	39401	601-434-6886	
54048	1356-7106	JR FORTY, LLC	OnPrmsRetail	NELSON HASKIN	213 E FRONT ST		HATTIESBURG	MS	39401	213 E FRONT ST	HATTIESBURG	MS	39401	601-325-7461	
46115	1361-7309	MURKY WATERS HATTIESBURG	OnPrmsRetail	JOHN PENN	1605 HARDY ST		HATTIESBURG	MS	39401	1605 HARDY ST	HATTIESBURG	MS	39401	228-363-0288	
27100	1327-3845	SOUTHBOUND BAGEL & COFFEE SHOP	OnPrmsRetail	CHRISTOPHER HACKBARTH	217 E FRONT ST		HATTIESBURG	MS	39401	217 E FRONT ST	HATTIESBURG	MS	39401	601-466-0542	
44053	1344-8513	THE BOTTLING COMPANY	OnPrmsRetail	CHARLES SAVELL	126 MOBILE ST		HATTIESBURG	MS	39401	126 MOBILE ST	HATTIESBURG	MS	39401	601-408-9007	
42049	1343-7167	THE PORTER	OnPrmsRetail	ROYCE WINDHAM	201 W PINE STREET	LOWR 1	HATTIESBURG	MS	39401	201 W PINE STREET	LOWR 1	HATTIESBURG	MS	39401	601-697-0176
27754	1327-4523	THIRSTY HIPPO (THE)	OnPrmsRetail	SARAH NEWTON	309 MCLEOD ST		HATTIESBURG	MS	39401	312 3RD AVE	HATTIESBURG	MS	39401	601-818-4874	
28693	1327-2267	TWIN FORKS WINE	LiqPckRetail	SARAH HALLIWELL	408 HEMPHILL ST	STE B	HATTIESBURG	MS	39401	408 HEMPHILL ST	HATTIESBURG	MS	39401	601-596-2832	
41046	1338-3897	VFW SAINT JAMES WRIGHT POST 5397	OnPrmsRetail	CORNELL NELSON	108 MOBILE ST		HATTIESBURG	MS	39401	108 MOBILE ST	HATTIESBURG	MS	39401	601-818-7356	
45076	1347-6602	BIANCHI'S PIZZERIA	OnPrmsRetail	THOMAS WHITE	128 E FRONT ST		HATTIESBURG	MS	39401	128 E FRONT ST	HATTIESBURG	MS	39401	601-434-6886	

Legal Description for Downtown Hattiesburg

To-Go Cup Ordinance

Commence at the corner of East 7th Street and Atlanta Street for the Point of Beginning;

Thence run Southerly to a Railroad line;

Thence run Westerly to New Orleans Street;

Thence run South to East 4th Street;

Thence run West to Jackson Street;

Thence run Southerly along Jackson Street to McLeod Street;

Thence run Southerly along McLeod Street to Tennessee Street;

Thence run West to a point that is due north of Corrine Street;

Thence run South to the intersection of Hardy Street and 1st Avenue;

Thence run Southeasterly along 1st Avenue to Railroad Street;

Thence run Northeasterly along Railroad Street to Laurel Avenue;

Thence run East along Laurel Avenue to Bushman Street;

Thence run Northeasterly along Bushman Street to Bay Street;

Thence run Southeasterly along Bay Street to Short Bay Street;

Thence run Northeasterly along Short Bay Street to River Avenue;

Thence run Northwesterly along River Avenue to Bushman Street;

Thence run Northeasterly along Bushman Street to Plum Street;

Thence run Northwesterly along Plum Street to Newman Street;

Thence run Northeasterly along Newman Street to Elm Street;

Thence run Northwesterly along Gordon Street to 2nd Street;

Thence run Southwesterly along 2nd Street to UNK 205;

Thence run West to UNK 206;

Thence run Northeasterly to Ryan Street;

Thence run North along UNK 208 to East 7th Street;

Thence West along East 7th Street to the Point of Beginning.

The Ordinance for Downtown to be designated as a Recreation & Leisure District, and thereby allowing alcoholic beverages to be taken out of businesses, is something that has taken many hours of work, discussion, and contemplation by many people who appreciate the opportunity that exists for an even more robust environment in our Downtown and other districts in our city.

I would be remiss if I did not say that as a mental health care provider and the child of an alcoholic that this issue presents a very serious responsibility and one that I do not take lightly.

I will support this ordinance, trusting that each business owner understands the serious responsibility to monitor and manage their patrons so that businesses can co-exist harmoniously and so that everything possible is done to ensure safety.

I will support this ordinance because I have been assured that making any necessary changes or restrictions will address issues that exist or may arise in the future.

I will support this ordinance, because there is every indication that it will stimulate more business in Downtown and promote the rebirth of business in the Mobile Street area, bringing even more people to discover what Downtown Hattiesburg has to offer and connecting us all in new and exciting ways.

- Council Vice President Dryden

ORDINANCE NO. 3216

AN ORDINANCE TO ESTABLISH A LEISURE AND RECREATION DISTRICT WITHIN THE CORPORATE BOUNDARIES OF THE CITY OF HATTIESBURG, MISSISSIPPI, AND DESIGNATE THE GEOGRAPHIC AREAS INCLUDED WITHIN AND BOUNDARIES OF SAID DISTRICT; AND TO AMEND ORDINANCE NUMBER 3148, ADOPTED 12-16-14 AND AMENDED 2-21-17, ORDINANCE NUMBER 2103, ADOPTED 2-8-83, AND CHAPTER 3.7 OF THE CODE OF ORDINANCES, AMENDING THE REGULATIONS FOR POSSESSION OR CONSUMPTION OF ALCOHOLIC BEVERAGES, BEER OR LIGHT WINE IN CERTAIN PLACES AND CREATING EXCEPTIONS FOR SPECIAL EVENTS; AND FOR RELATED PURPOSES

**BE IT ORDAINED BY THE MAYOR AND COUNCIL
OF THE CITY OF HATTIESBURG, MISSISSIPPI:**

WHEREAS, the City of Hattiesburg, Mississippi, is a duly organized and incorporated municipality pursuant to Section 21-8-1, et seq., of the Mississippi Code of 1972 (as amended); and,

WHEREAS, during the 2016 Legislative Session, the Legislature of the State of Mississippi enacted House Bill 1223, which permits and authorizes certain municipalities in the State of Mississippi to establish Leisure and Recreation Districts and to designate the geographic areas included within and the boundaries of said districts; and,

WHEREAS, the Governor signed House Bill 1223 into law, and the same became effective on and after July 1, 2016; and,

WHEREAS, House Bill 1223 requires that an Ordinance establishing a Leisure and Recreation District shall describe the area or areas within the district and its boundaries in detail, and shall contain a georeferenced map of the district as well as the municipality's plan for providing adequate law enforcement and other public safety measures and services within the district; and,

WHEREAS, municipalities with leisure and recreation districts authorize business entities that hold alcoholic beverage permits issued by the Department of Revenue and that are located within the boundaries of the designated Leisure and Recreation District to allow patrons to leave the licensed premises with an open container of alcohol and to carry and consume alcoholic beverages within said district; and,

WHEREAS, the governing authority of the City of Hattiesburg, Mississippi, has determined and hereby finds that the City of Hattiesburg, Mississippi, would enhance pedestrian-oriented areas and thus benefit from the establishment of leisure and recreation district(s) within the City of Hattiesburg; and,

WHEREAS, the governing authority of the City of Hattiesburg, Mississippi, has further determined that establishment of a Leisure and Recreation District within the downtown area would be in the best interests of the City of Hattiesburg; and,

WHEREAS, the Mayor and City Council of the City of Hattiesburg have found that the manner of current law enforcement is adequate and sufficient for the area to be designated as a leisure and recreation district, and the Mayor therefore has agreed to direct that the Hattiesburg Police Department continue to provide adequate and sufficient law enforcement and other public safety measures and services as stated herein in the city's Leisure and Recreation districts; and,

WHEREAS, nothing herein is intended to confer any rights or entitlement, as the sale of alcohol within an area designated as a Leisure and Recreation District is a privilege and not a right and is subject at all times to reasonable regulation; and,

WHEREAS, subject to the terms and limitations of House Bill 1223 (2016 Legislative Session) and this Ordinance, the City of Hattiesburg hereby establishes a Leisure and Recreation District in the downtown area as more fully set forth herein.

NOW THEREFORE, BE IT ORDAINED by the Mayor and City Council of the City of Hattiesburg, Mississippi, that this Ordinance shall be named the **HATTIESBURG LEISURE AND RECREATION DISTRICTS ORDINANCE** and is as follows:

SECTION 1. TITLE : This ordinance shall be known as **HATTIESBURG LEISURE AND RECREATION DISTRICTS ORDINANCE**.

SECTION 2. CREATION AND ESTABLISHMENT OF DISTRICTS: Under the authority granted in Section 1 of House Bill 1223 (2016 Legislative Session), the City of Hattiesburg does hereby establish Leisure and Recreation District(s) within the City of Hattiesburg, hereafter known as the DISTRICT.

- a. Downtown Social District (District 1) description is attached as Exhibit 1;
- b. A map of Downtown Social District (District 1) is attached as Exhibit 2;
- c. Additional districts may be created in the future as deemed beneficial by the Mayor and City Council for the City of Hattiesburg.

SECTION 3. AUTHORITY: The areas designated as the DISTRICT, pursuant to House Bill 1223, are hereby granted such authority as stated therein. Further, in addition to any other authority granted by law, the holder of a permit issued by the State of Mississippi to sell or otherwise provide alcoholic beverages, beer and /or wine to a patron of the permit holder in the manner authorized in the permit, may allow a patron to remove an open cup or other non-glass container (as stated in section 4 (3) below) of alcoholic beverages, beer and/or wine from the permitted premise located within the DISTRICT as stated above, and the patron remains within the boundaries of the DISTRICT while in possession of and/or while consuming such alcoholic beverages, beer or wine.

SECTION 4. OUTSIDE CONSUMPTION OF ALCOHOLIC BEVERAGES

PERMITTED; CONDITIONS. Any on-premise retail alcoholic beverage permittee (hereinafter, "permittee") located within the DISTRICT shall comply with all laws, rules and regulations which govern its license type, except that a patron, guest or member of that licensee may exit the permitted premises during any times said permitted retail establishment is open, with no more than one open container of alcoholic beverage, beer and/or wine, and may possess and continue to consume said alcoholic beverage, beer and/or wine outside of the licensed premises anywhere within the boundaries of the DISTRICT, subject to the following regulations:

1. Nothing in this Ordinance permits a patron to possess or consume an alcoholic beverage, beer or wine that was not purchased from an on-premise retail alcohol beverage permittee located within the DISTRICT.
2. A person may not enter a licensed premise with an open container or closed container of alcoholic beverage, beer or wine acquired elsewhere.
3. A permittee located in the DISTRICT shall allow alcoholic beverages to be removed from the licensed premises only in a can, paper, plastic, styrofoam, or other non-glass container.
4. No permittee shall allow a patron, guest or member to exit its licensed premises with more than one open container of an alcoholic beverage, and it shall be unlawful for any person to exit such licensed premises with more than one such open container.
5. Permittees located in the DISTRICT may allow alcoholic beverages to be removed from the licensed premises during any times said permitted retail establishment is open, so long as it is consistent with City Ordinance 3148, Sect 3.5, which specifies hours of consumption as: Monday thru Saturday 8 a.m. - 2 a.m.; and Sunday 10:30 a.m.- midnight.
6. Nothing in this ordinance shall be construed to require a permittee located in the District to allow its patrons to remove alcoholic beverages and/or wine, in open containers, from the licensed premises.
7. Each permittee shall be required to place a trash receptacle, consistent with the specified design approved for the DISTRICT, at the exit door of the premises.

8. Permittees located in the DISTRICT shall post, at all points of egress from the licensed premises, a map of the boundaries of the DISTRICT in which it is located. The map shall be provided by the City, either in electronic or paper form, to those permittees upon their request.
9. The purpose of this ordinance being primarily to allow pedestrians to carry open containers as described in this ordinance within a Leisure and Recreation District, nothing in this ordinance shall be construed to allow patrons, guests, or members of a licensee to drive a motor vehicle or non-motor vehicle while carrying an open container of alcoholic beverage on to or into a motor vehicle or pedestrian-driven vehicle, and it shall be a violation of this ordinance for any person to drive a motor vehicle or non-motor vehicle while carrying an open container as described in this ordinance containing an alcoholic beverage within the District in which it was purchased. This sub-paragraph "9" does not apply to non-driving passengers of vehicles. Nothing in this ordinance shall be construed to allow patrons, guests or members of a licensee to leave a District as a pedestrian or in a motor vehicle or non-motor vehicle of any kind while carrying an open container or alcoholic beverage.
10. Nothing in this ordinance shall be construed to allow patrons, guests or members of a licensee to impede traffic on a public street or within private or public parking lots.

SECTION 5. DRINKING IN PUBLIC PLACES; AMENDMENTS TO ORDINANCE NUMBERS 3148 AND 2103 AND TO THE CODE OF ORDINANCES: Section 2 of Ordinance Number 3148, adopted 12-16-14 and amended 2-21-17; Section 1 of Ordinance Number 2103, adopted 2-8-83; and Chapter 3.7 of the Code of Ordinances are hereby amended to read as follows:

"It shall be unlawful for any person, group association, or any and all legal entities recognized by law to possess or consume alcoholic beverages, beer or light wine, as defined by any statute of this state, in the city hall, municipal school buildings, stadiums, any public playgrounds, or public parks, or clubhouses situated therein, or any fire station, or on any and all other public grounds, buildings, parks, and places owned, maintained or operated by the city; except, that this section shall not apply to any individuals, groups or associations utilizing any municipally owned building under a written lease or rental agreement granted by the city; and it shall be unlawful for any person to consume any alcoholic beverage, beer, or light wine on any public street, sidewalk or alley owned, maintained or operated by the city, except that it shall not be unlawful for any person to consume an alcoholic beverage, beer or light wine on streets in an established LEISURE AND RECREATION DISTRICT; and it shall not be unlawful for any person to consume beer or light wine on streets in the downtown area that have been closed to vehicular traffic for special events that are sponsored or approved by the City of Hattiesburg; during said City-sponsored or approved events in the downtown area, no beer or light wine may be possessed or consumed from glass containers.

SECTION 6. PUBLIC SAFETY MEASURES: The City of Hattiesburg by and through its Police and Fire Departments, shall provide for adequate law enforcement and other public safety measures and services within the DISTRICT as required by State Law. In addition, the Police and Fire Departments shall provide public safety services within the District in the same manner it provides those services in the remainder of the City. Nothing in this ordinance shall be construed to amend or change any other ordinance pertaining to amplified music, noise, litter, or loitering.

SECTION 7. DEFINITION OF ALCOHOLIC BEVERAGES. For the purposes of this Ordinance, the term "alcoholic beverages" shall mean any alcoholic liquid, including wines of more than five percent (5%) of alcohol by weight, capable of being consumed as a beverage by a human being, but shall not include light wine and beer, as defined in Section 67-3-3, Mississippi Code of 1972, but shall include native wines.

SECTION 8. BEER AND LIGHT WINE. Within the boundaries of the DISTRICT, a permittee may allow beer and light wine to be removed from the licensed premises as permittee in Sec 4.

SECTION 9 RESERVATION OF RIGHTS : The City reserves the right to modify or repeal this ordinance, and any district designation created hereunder, at any time, with or without notice.

SECTION 10. REPEAL AND CONFLICTS. All ordinances or parts thereof that address alcohol consumption in conflict with this ordinance are hereby repealed within the geographic boundaries of the DISTRICT created herein.

SECTION 11 EFFECTIVE DATE: This ordinance shall be effective upon approval as required by law, execution and publication.

The above and foregoing Ordinance, having been first reduced to writing, was introduced by Council member Dryden, seconded by Council member George, and adopted by the following roll call vote:

<u>AYES</u>	<u>NAYS</u>	<u>ABSENT</u>
George Carroll Dryden Brown	Delgado	

The President thereby declared the motion carried and the Resolution adopted, this the 22nd day of August, A.D., 2017.

(SEAL)

ATTEST:

ADOPTED


CLERK OF THE COUNCIL


PRESIDENT

The above and foregoing Ordinance was submitted to and approved by the Mayor, this the 22nd day of August, A.D., 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-654

File ID: 2017-654

Type: Resolution

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 08/16/2017

Brief Title: Condemnation Resolution, 08-22-17

Final Action: 08/22/2017

Minute Book Number: MB2017-355-356

Title:

Adopt Resolutions condemning the following properties as unclean and a menace to the health and safety of the community.

Notes:

Agenda Date: 08/22/2007

Indexes:

Agenda Number: V.-2

Sponsors:

Enactment Date: 08/22/2017

Attachments: Adopt MEMO 08-22-17, 1. 535 W. 4TH ST.-RES, 2. 902 W. 5TH ST.-RES, 3. 124 E. 7TH ST.-RES, 4. 601 E. 9TH ST.-RES, 5. 707 E. 9TH ST.-RES, 6. 700 SHORT 9TH ST.-RES, 7. 315 N. 20TH AVE.-RES, 8. 702 S. 22ND AVE.-RES, 9. 305 KLONDYKE ST.-RES, 10. 307 KLONDYKE ST.-RES, 13. 1312 DEASON AVE.-RES, 14. 1305 REBECCA AVE.-RES, 15. 1307 REBECCA AVE.-RES, 16. 218 OAK ST.-RES, 17. 809 AND A HALF FAIRLEY ST.-RES, 18. 708 RIVER ST.-RES, 19. 6 BONNIE ST.-RES, 20. 201 CHESTNUT AVE.-RES, 21. 210 CHESTNUT AVE.-RES, 22. 212 CHESTNUT AVE.-RES, 23. 1213 EDWARDS ST.-RES, 24. 105 EDNA ST.-RES, 25. 6208 U.S. HWY 49-RES, 26. 2917 LARAMIE CIR.-RES, 27. 603 E. PINE ST.-RES, 28. 2202 & A HALF ADELINE ST.-RES, 29. 103 MONTAGUE ST.-RES, 30. 219 S. 23RD AVE.-RES, 31. 211 S. 24TH AVE.-RES, 32. 211 & A HALF S. 24TH AVE.-RES, 33. 304 MABLE ST.-RES, 34. 306 MABLE ST.-RES, 35. 308 MABLE ST.-RES, 36. GOLF COURSE RD_2-025P-36-027-RES, 37. 809 N. 30TH AVE.-RES, 38. 901 FAIRLEY ST.-RES, 39. 1108 E. HARDY ST.-RES, 40. 115 HARRELL ST.-RES, 41. 1600 E. HARDY ST. I-RES, 42. 1600 E. HARDY ST. II-RES, RES#2017-117 executed 28. 2202 ½ Adeline St. - RES, RES#2017-118 executed 29. 103 Montague St. - RES, RES#2017-119 executed 30. 219 S. 23rd Ave.. - RES, RES#2017-120 executed 31. 211 S. 24th Ave. - RES, RES#2017-121

Enactment Number:

executed 32. 211 ½ S. 24th Ave. - RES,
RES#2017-122 executed 33. 304 Mable St. - RES,
RES#2017-123 executed 34. 306 Mable St. - RES,
RES#2017-124 executed 35. 308 Mable St. - RES,
RES#2017-125 executed 36. Golf Course Rd. - RES,
RES#2017-126 executed 37. 809 N. 30th Ave- RES,
RES#2017-127 executed 38. 901 Fairley St. - RES,
RES#2017-128 executed 39. 1108 E. Hardy St. -
RES, RES#2017-129 executed 40. 115 Harrell St. -
RES, RES#2017-130 executed 41. 1600 E. Hardy St.
- RES, RES#2017-131 executed 42. 1600 E. Hardy
St. - RES, RES#2017-93 executed 1. 535 W. 4th St.
- RES, RES#2017-94 executed 3. 124 E. 7th St. -
RES, RES#2017-95 executed 4. 601 E. 9th St. -
RES, RES#2017-96 executed 5. 707 E. 9th St. -
RES, RES#2017-97 executed 6. 700 Short 9th St. -
RES, RES#2017-98 executed 7. 315 N. 20th Ave. -
RES, RES#2017-99 executed 8. 702 S. 22nd Ave. -
RES, RES#2017-100 executed 9. 305 Klondyke St. -
RES, RES#2017-101 executed 10. 307 Klondyke St. -
RES, RES#2017-102 executed 13. 1312 Deason Ave.
- RES, RES#2017-103 executed 14. 1305 Rebecca
Ave. - RES, RES#2017-104 executed 15. 1307
Rebecca Ave. - RES, RES#2017-105 executed 16.
218 Oak St. - RES, RES#2017-106 executed 17. 809
½ Fairley St. - RES, RES#2017-107 executed 18. 708
River St. - RES, RES#2017-108 executed 19. 6
Bonnie St. - RES, RES#2017-109 executed 20. 201
Chestnut Ave. - RES, RES#2017-110 executed 21.
210 Chestnut Ave. - RES, RES#2017-111 executed
22. 212 Chestnut Ave. - RES, RES#2017-112
executed 23. 1213 Edwards St. - RES,
RES#2017-113 executed 24. 105 Edna St. - RES,
RES#2017-114 executed 25. 6208 U.S. Hwy 49- RES,
RES#2017-115 executed 26. 2917 Laramie Circle-
RES, RES#2017-116 executed 27. 603 E. Pine St. -
RES

Contact:

Drafter: Akwete Muhammad

Meeting Date: 08/22/2017

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017	Adopt				Pass

Action Text: A MOTION was made by Council Vice President Dryden and seconded by Council Member Delgado to Adopt Resolutions condemning the following properties as unclean and a menace to the health and safety of the community, with the stipulation that Case Number 2 be removed at the recommendation of the city attorney.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George, Delgado, Carroll, Dryden and Brown

Nays: 0

Yea: 5 Council Member George
 Council Member Delgado
 Council President Carroll
 Council Vice President Dryden
 Council Member Brown

Text of Legislative File 2017-654

Title

Adopt Resolutions condemning the following properties as unclean and a menace to the health and safety of the community.

Summary

Condemnation Resolution, 08-22-17

Budget Information

Expenditure Type

Purchasing Item

Publication Information



MAYOR
Toby Barker

COUNCIL - WARD ONE
Jeffrey George

COUNCIL - WARD TWO
Deborah Denard Delgado

COUNCIL - WARD THREE
Carter Carroll

COUNCIL - WARD FOUR
Mary Dryden

COUNCIL - WARD FIVE
Nicholas Brown

MEMORANDUM

TO: Mayor and City Council

FROM: Mark Jordan, Code Enforcement Division Manager

DATE: August 22nd, 2017

RE: Adopt Resolution

I recommend the adoption of resolutions determining the following properties are in such a state of uncleanliness so as to be a menace to the health and safety of the community.

<u>Address</u>	<u>PPIN #</u>	<u>Ward</u>	<u>Violations</u>
1. 535 W. 4 th St.	14464	2	DS,US,T&L,EL,RW
2. 902 W. 5 th St.	23567	2	DS,VS,OGLT&L,DM
3. 124 E. 7 th St.	18440	2	DS,US,OGL,ES,T&L
4. 601 E. 9 th St.	15737	2	DS,VS,OGL,T&L,DM
5. 707 E. 9 th St.	15761	2	DS,VS,OGL,T&L,OS,PT,DM
6. 700 Short 9 th St.	15764	2	DS,VS,OGL,T&L,DM
7. 315 N. 20 th Ave.	13325	4	VS,T&L,OGL,PT
8. 702 S. 22 nd Ave.	13104	4	VS,OGL
9. 305 Klondyke St.	21242	2	DS,VS,OGL,T&L,DM
10. 307 Klondyke St.	21240	2	DS,VS,OGL,T&L,DM
13. 1312 Deason Ave.	22399	2	DS,VS,OGL,T&L,DM
14. 1305 Rebecca Ave.	22475	2	DS,VS,OGL,T&L,HT,DM
15. 1307 Rebecca Ave.	22476	2	DS,VS,OGL,T&L,DM
16. 218 Oak St.	20282	2	DS,VS,OGL,T&L,DM
17. 809 ½ Fairley St.	25866	2	DS,VS,OGL,T&L,DM
18. 708 River St.	17491	2	DS,VS,OGL,T&L,DM

19. 6 Bonnie St.	21086	2	DS,VS,OGL,T&L,PID,DM
20. 201 Chestnut Ave.	22328	5	DS,VS,OGL,DM
21. 210 Chestnut Ave.	22355	5	DS,VS,OGL,DM
22. 212 Chestnut Ave.	22354	5	DS,VS,OGL,DM
23. 1213 Edwards St.	13618	5	US,OGL,DM
24. 105 Edna St.	21138	2	VS,OS,OGL,T&L
25. 6208 U.S. Hwy 49	26594	4	SBROW
26. 2917 Laramie Circle	24772	3	VS,OGL
27. 603 E. Pine St.	15595	2	DS,VS,OGL,T&L,US
28. 2202 ½ Adeline St.	26919	4	T&L,OGL
29. 103 Montague St.	20779	2	DS,VS,US,OGL,T&L
30. 219 S. 23 rd Ave.	16588	4	T&L,OGL
31. 211 S. 24 th Ave.	16568	4	T&L,OGL
32. 211 ½ S. 24 th Ave.	16568	4	VS,US,T&L,OGL,DM
33. 304 Mable St.	20567	2	DS,VS,US,OGL,T&L,DM
34. 306 Mable St.	20568	2	DS,VS,US,OGL,T&L,DM
35. 308 Mable St.	20570	2	DS,VS,US,OGL,T&L,DM
36. Golf Course Rd.	2-025P-36-027	1	VS,ES,OGL,DM
37. 809 N. 30 th Ave	26391	1	AS,OGL,VS,T&L
38. 901 Fairley St.	25860	2	DS,VS,OS,OGL,T&L,GL,PT
39. 1108 E. Hardy St.	21149	2	DS,VS,OGL,US,T&L,DM
40. 115 Harrell St.	21304	5	DS,VS,OGL,DM
41. 1600 E. Hardy St.	20242	2	DS,OS,OGL,T&L,HT,GL,PT DM
42. 1600 E. Hardy St.	33661	2	DS,OS,OGL,T&L,HT,GL,PT VS,DM

Trash & Litter=T&L
Vacant Structure=VS
Dangerous Structure=DS
Overgrown Lot=OGL
Open Storage=OS
Protective Treatment=PT
Accessory Structure=AS
Unsafe Structure=US
Abandoned Vehicle=AV
Interior Structure=IS
Exterior Structure=ES
Electrical=EL
Responsibility (Water)=RW
Hazardous Tree=HT
Glazing=GL
PID=Premise Id
X's2=2 Structures
Structure Built in Right of Way= SBROW
Demo=DM

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 029F-04-192, 535 W. 4TH ST. HATTIESBURG, MS 39401 and better described as Pt 3 Beg 30 ft. N & 313.45 ft. E of SW COR SE1/4 Sec 4 T 4 R 13 W N 281 ft. E 97.5 ft. S 272.5 ft. to 4th St. W 100 ft. to Beg. Blk 171 CRITTENDON SURVEY, of the City of Hattiesburg, as per map or plat thereof which is on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: W.R. & JESSIE DYE

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Electrical (International Property Maintenance Code, Sec. 601.2)
Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)
Responsibility Water (International Property Maintenance Code, Sec. 501.2)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029E-04-026, 902 W. 5TH ST. HATTIESBURG, MS 39401 and better described as The East fifteen (15) feet of Lot Three (3) and the West fifty (50) feet of Lot Two (2) in Block Ten (10) of the Rawls 1st Addition to the City of Hattiesburg, Forrest County, Mississippi (Sometimes called R. E. Rawls 1st Survey), as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi in Plat Book 3 at Page 14; together with all improvements thereon and appurtenance thereunto belonging.

WHEREAS, the owner of the property is: WINSTON & GAIL S. RUSSELL

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
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City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029G-03-317, 124 E. 7TH ST. HATTIESBURG, MS 39401 and better described as Lot Three (3) of Block One (1) of the M. A. JONES SURVEY OR ADDITION to the City of Hattiesburg, Mississippi, as per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, including any and all improvements and appurtenances thereunto belonging.

LESS AND EXCEPT:

A part of Lot 3 of Block 1 of the M. A. JONES SURVEY OR ADDITION to the said City of Hattiesburg, MS, as per map or plat thereof on file in the office of Chancery Clerk of Forrest County, Mississippi, more particularly described as:

Commencing at the point where the dividing line between Lots 3 and 4 of Block 1 of the M. A. JONES SURVEY intersects the Northerly line of East Seventh Street in the said City of Hattiesburg, Mississippi, and run North along said division line between said Lots 3 and 4 a distance of 150 feet for a point of beginning of the parcel of land hereby conveyed; From said point of beginning, continue North along said division line between Lots 3 and 4 a distance of 80 feet; thence at right angles run in an Easterly direction and parallel to the North Line of East Seventh Street a distance of 70 feet; thence at right angles run in a Southerly direction and parallel to the division line between Lots 3 and 4 a distance of 80 feet; thence at right angles and parallel with the Northerly line of East Seventh Street run in a Westerly direction 70 feet to the point of beginning.

WHEREAS, the owner of the property is: LEODA & DELMA RAY CAMERON L/E

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Exterior Structure (International Property Maintenance Code, Sec. 304.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)
Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL 2-029H-03-059, 601 E. 9TH. HATTIESBURG, MS 39401 and better described as A part of Block 40 of the Hardy and Scott Survey or Addition to the City of Hattiesburg, particularly described as beginning at the Northwest corner of said Block 40 and run East 180 feet, thence South 75 feet, thence West 180 feet to Bouie Street, thence North 75 feet to Point of Beginning; and W 1/2 of vacated alley lying East of said parcel; and the West 35 feet of N 1/2 of Lot 3 and all of the N 1/2 of Lot 4 and E 1/2 of vacated alley lying West of said parcel, in Block 40 of the Hicks Subdivision of the Hardy and Scott Survey or Addition to the City of Hattiesburg, as per Map or Plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: HAROLD L. JACKSON & CAROLYN JACKSON

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029H-03-067, 707 E. 9TH ST. HATTIESBURG, MS 39401 and better described as A part of Block 41 of the HARDY & SCOTT SURVEY of the City of Hattiesburg, Forrest County, Mississippi, more particularly described as:

Beginning at the Northwest Corner of 9th Street and River Street, as now constituted, the same being 20 feet West of the original Northwest Corner of said Block 41, run thence East along the South margin of 9th Street a distance of 127 feet to the point of beginning; from said point of beginning run thence East 53 feet, thence run South 87 feet, thence run West 53 feet, thence run North 87 feet to 9th Street to the point of beginning, as per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: CARRIE HARPER HOWZE

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Open Storage (Land Development Code, Sec. 87)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Protective Treatment (International Property Maintenance Code, Sec. 304.2)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the

City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029H-03-081, 700 SHORT 9TH ST. HATTIESBURG, MS 39401 and better described as Park of a Block, beginning 20 feet West and 87 feet South of the Northwest Corner of Block 41, Hardy & Scott Subdivision, City of Hattiesburg, Forrest County, Mississippi; go 41 feet East, thence 84 feet South, thence 41 feet West, thence 84 feet North to the Point of Beginning, as per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: HATTIESBURG UNIVERSITY FOUNDATION JACKSON

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
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City Clerk's Office
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Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-028I-08-360, 315 N. 20TH AVE. HATTIESBURG, MS 39401 and better described as Lot 5 of Block 4, of the BOWLING & PACE SUBDIVISION, of the City of Hattiesburg, Forrest County, Mississippi as per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi; together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: SOUTHERN VENTURE PROPERTY LLC

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Protective Treatment (International Property Maintenance Code, Sec. 304.2)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
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City Clerk's Office
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Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-039B-17-047, 702 S. 22ND AVE. HATTIESBURG, MS 39401 and better described as THE SOUTH 55 FEET OF LOT TWO (2) AND THE NORTH 10 FEET OF LOT THREE (3), BLOCK TWO (2) OF THE AUDUBON SUBDIVISION IN THE CITY OF HATTIESBURG, COUNTY OF FORREST, STATE OF MISSISSIPPI, AS PER THE MAP OR PLAT THEREOF ON FILE IN THE OFFICE OF THE CHANCERY CLERK OF FORREST COUNTY, MISSISSIPPI, TOGETHER WITH ALL IMPROVEMENTS THEREON AND APPURTENANCES THEREUNTO BELONGING

WHEREAS, the owner of the property is: KAREN L. WELLS & JAMES ROBINSON

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

**Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)**

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
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P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030M-11-042, 305 KLONDYKE ST. HATTIESBURG, MS 39401 and better described as Lot Eight (8) in Block Eight (8) of and according to the D.D. MCINNIS SECOND SURVEY or Addition to the City of Hattiesburg, Forrest County, Mississippi, as per the office of the Chancery Clerk of Forest County, Mississippi; together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: STATE OF MISSISSIPPI

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030M-11-041, 307 KLONDYKE ST. HATTIESBURG, MS 39401 and better described as Lot 7, Block 8 of the D.D. MCINNIS SECOND SURVEY in the City of Hattiesburg, County of Forrest, State of Mississippi, as per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: THOMAS OSBEY

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
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Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanliness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030M-11-034, 1312 DEASON AVE. HATTIESBURG, MS 39401 and better described as East one half (E1/2), of Lot 2, Block 5, OMEGA SUBDIVISION, City of Hattiesburg, County of Forrest, State of Mississippi, as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: ODELL BOLTON

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanliness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
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City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030M-11-22, 1305 REBECCA AVE. HATTIESBURG, MS 39401 and better described as SECTION 10, Township 04N, Range 13W, of Lot 3, Block 14 of the OMEGA SUBDIVISION, City of Hattiesburg, County of Forrest, State of Mississippi, as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: LOIS MARSH C-ED EST

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Hazardous Tree (Land Development Code, Sec. 79.13)
Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
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City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030M-11-219, 1307 REBECCA AVE. HATTIESBURG, MS 39401 and better described as All of Lot 4 in Block 14, in the OMEGA SUBDIVISION, located and being situated in the City of Hattiesburg, Forrest County, Mississippi, with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: ANDREW MOORE

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
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City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030L-11-127, 218 OAK ST. HATTIESBURG, MS 39401 and better described as Lot 13, Block 2 of the R.A. MAGRUDER SUBDIVISION or Addition to the City of Hattiesburg, Forrest County, Mississippi, as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: DELPHIA M. JACKSON & CALVIN JACKSON

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029H-03-011, 809 1/2 FAIRLEY ST. HATTIESBURG, MS 39401 and better described as Commencing at the Northeast corner of the present terminus of East 8th Street and/or the Southwest corner of the Clifton Knight property and run thence North for a distance of 180 feet for the point of beginning; From this point of beginning run thence East and at right angles to the last named course a distance of 170 feet along the North line of the Ned Cole property; thence North and at right angles to the last named course a distance of 130.8 feet; thence West and at right angles to the last named course a distance of 170 feet; thence South and at right angles to the last named course a distance of 130.8 feet to the point of beginning; said parcel of land lying and being situated in the NE -1/4 of the SE -1/4 of Section 3, Township 4 North, Range 13 West, Forrest County, Mississippi as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: DOLLIE JONES

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the

City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029H-03-145, 708 RIVER ST. HATTIESBURG, MS 39401 and better described as Lots 2 and 14 in Block 37 of the HICKS SUBDIVISION of the HARDY & SCOTT SURVEY of the City of Hattiesburg, Forrest County, Mississippi as per map or plat thereof on file in the Office of the Chancery Clerk of Forrest County, Mississippi together with all improvements and appurtenances there unto belonging.

WHEREAS, the owner of the property is: MONICA JOHNSON

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

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Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030L-11-013, 6 BONNIE ST. HATTIESBURG, MS 39401 and better described as S 1/2 of Lot 1 Block 2 A.K. MCINNIS 2nd ADDITION, Section 11, Township 4 North, Range 13 West, of the City of Hattiesburg, Forrest County, Mississippi as per map or plat thereof on file in the Office of the Chancery Clerk of Forrest County, Mississippi together with all improvements and appurtenances there unto belonging.

WHEREAS, the owner of the property is: PENTECOSTAL TEMPLE COMMUNITY CHURCH

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Premise Identification (International Property Maintenance Code, Sec. 304.3)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
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RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-038H-15-062, 201 CHESTNUT AVE. HATTIESBURG, MS 39401 and better described as All of Lot One (1) in Block Two (2) of the OAK GARDENS RE-SUBDIVISION of Block Fifteen (15) of the BURKETT SUBDIVISION or Addition to the City of Hattiesburg, County of Forrest, State of Mississippi, as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: FLORA B. ALLEN L/E

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanliness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-038H-15-075, 210 CHESTNUT AVE. HATTIESBURG, MS 39401 and better described as Lot Eleven (11), Block One (1) of the OAK GARDENS RESUBDIVISION of Block 15 of BURKETT'S SUBDIVISION, in the City of Hattiesburg, County of Forrest, State of Mississippi, as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi; together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: PERRY L. MILLER

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanliness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-038H-15-076, 212 CHESTNUT AVE. HATTIESBURG, MS 39401 and better described as Lot Ten (10), Block One (1) of OAK GARDENS RE-SUBDIVISION of Block Fifteen (15) of BURKETT'S SUBDIVISION in the City of Hattiesburg, County of Forrest, State of Mississippi, as per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, in Plat Book 7 at Page 42; together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: ACE PROPTIES C/O 101 ASHFORD CIRCLE LLC

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

**RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY**

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-038H-15-066, 1213 EDWARDS ST. HATTIESBURG, MS 39401 and better described as The South half of the North half of Lots 10, 11 and 12, Block 16 of the BURKETT'S SUBDIVISION in the City of Hattiesburg, County of Forrest, State of Mississippi, as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, being more particularly described as follows, to -wit: Begin at the point of intersection of the North line of Magnolia Avenue with the West line of Edwards Street; thence nut Northerly along the West line of Edwards Street 100 feet to the point of beginning; thence run West parallel with Magnolia Avenue 168 feet to the West line of Lot 10; thence North parallel with Edwards Street and along the West line of Lot 10 for 50 feet; thence run East parallel with Magnolia Avenue 168 feet to the point of beginning.

And Also: The South 5 feet of the North 50 feet of Lots 10, 11 and 12, Block 16 of the BURKETT'S SUBDIVISION in the City of Hattiesburg, County of Forrest, State of Mississippi.

And also: The South half of the North half of Lot 9, Block 16 of the BURKETT'S SUBDIVISION in the City of Hattiesburg, County of Forrest, State of Mississippi; together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: ROSALYN LEE & JOSHUA HILL

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029I-10-278, 105 EDNA ST. HATTIESBURG, MS 39401 and better described as Lot 4, Block 4 of the D.D. MCINNIS FIRST SURVEY or ADDITION to the City of Hattiesburg, Forrest County, Mississippi, as per the map or plat thereof on the file, in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: LUIS SOTERO & MARISELA HERNANDEZ

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Open Storage (Land Development Code, Sec. 87)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

**RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY**

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-028J-08-178, 6208 U.S. HWY 49 HATTIESBURG, MS 39401 and better described as Part of the East Half of the Northwest Quarter of the Northwest Quarter (E 1/2 of NW 1/4 of NW 1/4) of Section 8, Township 4 North, Range 13 West, in Forrest County, Mississippi, and more particularly described as:

Commencing at the Southeast corner of the Northwest Quarter of Northwest Quarter (NW 1/4 of NW 1/4) of said Section, and run thence North along the East line of said forty acre tract a distance of 25 feet, run thence West parallel with South line of said forty acre tract a distance of 369.95 feet, run thence North parallel with the West line of 25th Avenue a distance of 440 feet to the Point of Beginning of the land herein described, and from said Point of Beginning run thence West parallel with the South line of said forty acre tract a distance of 139.5 feet, more or less, to the East line of the Mississippi U.S. Highway No. 49 By-Pass, as now located, run thence North along the East line of said Mississippi U.S. Highway No. 49 By-Pass a distance of 80 feet, run thence East parallel with the South line of said forty acre tract a distance of 139.5 feet, more or less, to a point lying due North of the said Point of Beginning and run South parallel with the West line of 25th Avenue a distance of 80 feet to the Point of Beginning.

WHEREAS, the owner of the property is: SOUTHERN GENTLEMEN LLC

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Easement and of Right of Ways (Land Development Code, Sec. 8.4.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

**RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY**

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-039F-18-189, 2917 LARAMIE CIRCLE HATTIESBURG, MS 39402 and better described as Lot Eight (8), Block "E" of the WESTERN HEIGHTS SUBDIVISION in the City of Hattiesburg, County of Forrest, State of Mississippi, as per the map of plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: MURDELL B. BAILEY TRUSTEE

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

**Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)**

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029I-10-060, 603 E. PINE ST. HATTIESBURG, MS 39401 and better described as Lot Eight (8), Block "E" of the WESTERN HEIGHTS SUBDIVISION in the City of Hattiesburg, County of Forrest, State of Mississippi, as per the map of plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: TONI EBY & TINA MCMURRIN

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-039B-17-028, 2202 1/2 ADELINE ST. HATTIESBURG, MS 39401 and better described as A part and portion of the NW 1/4 of Section 17; T 4 N; R 13 W; in Forrest County, Miss., and described as:

Commencing at the Northeast corner of the NE ¼ of the NW ¼ of said Section 17, at the intersection of the centerlines of South 21st Avenue and Adeline Street and run thence South for a distance of 25.0 feet; thence, at an angle of 89° 18' right, run South 89° 18' West over and across the West half of South 21st Avenue and along the South margin line of Adeline Street for a distance of 565.0 feet; thence, run South for a distance of 150.0 feet, to and for the Point of Beginning. As per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: CHARLES W. HOLT & CONNIE S. HOLT

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

**Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)**

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029F-04-157, 103 MONTAGUE ST. HATTIESBURG, MS 39401 and better described as, LT 9 BLK 2 A.A. MONTAGUE ADD 2/94 706/191 B809 P2761-20-99
PREV#:H0576-02-009 STR 4-04N-13W ,in the City of Hattiesburg, County of Forrest, State of Mississippi, as per the map of plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: HL & C-FORREST LLC

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-028O-08-121, 219 S. 23RD AVE. HATTIESBURG, MS 39401 and better described as The South Half of Lot Eight (8) and all of Lot Nine (9) in Block Twelve (12) of the Hattiesburg Heights Fourth Survey or Addition to the City of Hattiesburg, as per map or plat now on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements and appurtenances thereunto belonging;

and also:

A part of Lot Ten (10) in Block Twelve (12) of the Hattiesburg Heights Fourth Survey or Addition to the City of Hattiesburg, County of Forrest, State of Mississippi, being more particularly described as: Beginning at the Northeast corner of said Lot 10, and run thence at right angles West a distance of 150 feet to a public alley, thence at right angles South a distance of 15 feet, thence at right angles East a distance of 150 feet to the East margin of Twenty-third Avenue, thence at right angles North a distance of 15 feet to said point of beginning.

WHEREAS, the owner of the property is: JASON RICHARD KINTON

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

**Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)**

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private

contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-028O-08-166, 211 S. 24TH AVE. HATTIESBURG, MS 39401 and better described as All of Lot Seven (7) and the North One-Half (N 1/2) of Lot Eight (8) in Block Eleven (11) of the HATTIESBURG HEIGHTS FOURTH SURVEY as per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements thereon and appurtenances thereunto belonging.

AND ALSO:

A part of Lots 1 and 2, Block 155 of the KAMPER AND WHINNERY EXTENSION to the City of Hattiesburg, County of Forrest, State of Mississippi, and being more particularly described as beginning at the Northern most corner of said Lot 1 and run Southeasterly along the Southwest margin line of Third Avenue for 50 feet, thence run Southwesterly and parallel with Northwest line of Lots 1 and 2 for 75 feet, thence run Northwesterly and parallel with Third Avenue for 50 feet to a point on the Northwest line of Lot 2, thence run Northeasterly along the Northwest line of Lots 2 and 1 for 75 feet to the Point of Beginning.

WHEREAS, the owner of the property is: PATRICIA W. BAKER TRUST

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

**Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)**

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-028O-08-166, 211 1/2 S. 24TH AVE. HATTIESBURG, MS 39401 and better described as All of Lot Seven (7) and the North One-Half (N 1/2) of Lot Eight (8) in Block Eleven (11) of the HATTIESBURG HEIGHTS FOURTH SURVEY as per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements thereon and appurtenances thereunto belonging.

AND ALSO:

A part of Lots 1 and 2, Block 155 of the KAMPER AND WHINNERY EXTENSION to the City of Hattiesburg, County of Forrest, State of Mississippi, and being more particularly described as beginning at the Northern most corner of said Lot 1 and run Southeasterly along the Southwest margin line of Third Avenue for 50 feet, thence run Southwesterly and parallel with Northwest line of Lots 1 and 2 for 75 feet, thence run Northwesterly and parallel with Third Avenue for 50 feet to a point on the Northwest line of Lot 2, thence run Northeasterly along the Northwest line of Lots 2 and 1 for 75 feet to the Point of Beginning.

WHEREAS, the owner of the property is: PATRICIA W. BAKER TRUST

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

ABSENT:

(SEAL)

ADOPTED:

PRESIDENT

APPROVED:

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029K-09-078, 304 MABLE ST. HATTIESBURG, MS 39401 and better described as ALL OF LOT 3 IN BLOCK 5, AND ALSO THAT PART OF LOT 2 I BLOCK 5 DESCRIBED AS BEGINNING AT THE NORTHWEST CORNER OF SAID LOT 2 AND RUN SOUTH 75 FEET, THENCE RUN EAST 2 FEET, THENCE RUN NORTH 75 FEET TO MABLE STREET; THENCE RUN WEST ALONG MABLE STREET A DISTANCE OF 2 FEET TO THE POINT OF BEGINNING, ALL IN THE C.J. MILLER SURVEY OF THE CITY OF HATTIESBURG, FORREST COUNTY, MISSISSIPPI ACCORDING TO THE OFFICIAL PLAT THEREOF ON FILE AND OF RECORD IN THE OFFICE OF THE CHANCERY CLERK OF SAID COUNTY, WHICH SURVEY IS A PART OF THE NE ¼ OF THE NE ¼ , SECTION 9, T-4-N, R-13-W, FORREST COUNTY, MISSISSIPPI, TOGETHER WITH ALL IMPROVEMENTS THEREON AND APPURTENANCES THEREUNTO BELONGING.

WHEREAS, the owner of the property is: DONALD SABELLA C/O DONALD AND KIM SABELLA

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)
Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the

City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029K-09-080, 306 MABLE ST. HATTIESBURG, MS 39401 and better described as Lot 4 less 20 ft. by 20 ft. off the South end, Block 5, C.J. MILLER Addition, Section 9, Township 4 North, Range 13 West, City of Hattiesburg, Forrest County, Mississippi. Also being Parcel # 2-029K-09-080.00 and PPIN # 20568, as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: KINGDOM PROPERTIES MANAGEMENT C

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)
Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029K-09-081, 308 MABLE ST. HATTIESBURG, MS 39401 and better described as Lot 5, Block 5, of the C. J. Miller Addition to the City of Hattiesburg, as per plat or map thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: GUS TIMOTHY GEORGIAN

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)
Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: PARCEL: 2-025P-36-027, GOLF COURSE RD. HATTIESBURG, MS 39401 and better described as A part of the SW 1/4 of the SE 1/4 of Section 36, Township 5 North, Range 14 West, Forrest County, Mississippi, and being more particularly described as commencing at the SW corner of said SW 1/4 of SE 1/4 and run East along the South line of said Forty for 772 feet; thence run North for 644 feet to and for the Point of Beginning; thence run West for 84 feet; thence run North for 536 feet to the intersection with the centerline of a drain; thence run Easterly along the centerline of said drain for 320 feet, more or less, to the intersection with the West line of a public road; thence run Southeasterly along the West line of said road for 631 feet, more or less, to a point due East of the Point of Beginning; thence run West for 252.4 feet to the Point of Beginning; and comprising 3.5 acres, more or less; LESS AND EXCEPT 1.5 acres lying North of a public road which runs East and West and South of centerline of drain which runs East and West, said land herein conveyed comprising 2.0 acres, more or less.

WHEREAS, the owner of the property is: LANA FAYE MERTZ CROSS

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Exterior Structure (International Property Maintenance Code, Sec. 304.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-028F-06-029, 809 N. 30TH AVE. HATTIESBURG, MS 39401 and better described as COMMENCE AT THE NORTHWEST CORNER OF THE NE 1/4 OF THE SE 1/4 OF SECTION 6, TOWNSHIP 4 NORTH, RANGE 13 WEST, FORREST COUNTY, MISSISSIPPI, AND RUN EAST ALONG THE NORTH LINE OF SAID FORTY FOR 355.6 FEET, THENCE RUN SOUTH FOR 50 FEET TO AND FOR THE POINT OF BEGINNING, THENCE CONTINUE SOUTH ALONG THE EAST LINE OF NORTH 30TH AVENUE FOR 147.4 FEET THENCE RUN EAST FOR 274 FEET MORE OR LESS, TO THE WEST LINE OF NORTH 29TH AVENUE, THENCE RUN NORTH ALONG THE WEST LINE OF NORTH 29TH AVENUE FOR 347, FEET TO THE SOUTH LINE OF HILLSIDE DRIVE, THENCE RUN WEST ALONG THE SOUTH LINE OF HILLSIDE DRIVE FOR 279.9 FEET TO THE POINT OF BEGINNING, SAID DESCRIBED PROPERTY BEING PART OF THE NE 1/4 OF THE SE 1/4 OF SECTION 6, TOWNSHIP 4 NORTH, RANGE 13 WEST, FORREST COUNTY, MISSISSIPPI.

WHEREAS, the owner of the property is: WILLIAM H. BRASWELL

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Accessory Structure (International Property Maintenance Code, Sec. 302.72)

2. If the property owners do not take corrective action within fifteen (15) days to remove the

violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029H-03-017, 901 FAIRLEY ST. HATTIESBURG, MS 39401 and better described as PT NE ¼ SE ¼ BEG 313 FT S & 25 FT E OF NW COR E 170 FT S 60 FT W 170 FT N 60 FT TO BEG PREV #: H1004-00-012 TR 03-04N-13W, in the City of Hattiesburg, County of Forrest, State of Mississippi, as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi; together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: MYRON LYNN EVANS

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Glazing (International Property Maintenance Code, Sec. 304.13.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Open Storage (Land Development Code, Sec. 87)
Protective Treatment (International Property Maintenance Code, Sec. 304.2)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest

County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029I-10-309, 1108 E. HARDY ST. HATTIESBURG, MS 39401 and better described as The West 63.75 feet of Lots 14, 15 and 16 in Block 4 of the D.D. MCINNIS FIRST SURVEY or Addition to the City of Hattiesburg, Forrest County, Mississippi, together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: ANDREW MOORE & RENEE MOORE

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)
Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017 the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-038C-16-238, 115 HARRELL ST. HATTIESBURG, MS 39401 and better described as the Northeasterly one-half (1/2) of Lots 8, 9, and 10, in Block Two (2), according to the D. D. McInnis Third Survey or Addition to the City of Hattiesburg, Mississippi, as per map or plat thereof on file in the Office of the Chancery Clerk of Forrest County, Mississippi, said parcel of land having a frontage of 150 feet on that certain alley commonly referred to as Harold or Harrell Street in the City of Hattiesburg, Mississippi, and extending Southwesterly between parallel lines a uniform depth of 109 feet, more or less to a line running Northwesterly and Southeasterly direction through the center of Lots 8, 9, and 10, Block Two (2) of said Survey, and being located in and forming part of the Northeast Quarter (NE 1/4) of Section 16, Township 4 North, Range 13 West, in Forrest County, Mississippi, the same being a leasehold estate for a term of 99 years from April 13, 1953, and recorded in Book 130, at page 579 of the Land Deed Records in the Office of the Chancery Clerk of Forrest County, Mississippi, LESS AND RESERVED from this conveyance is the following described piece of land as follows:

A part of Lot Ten (10), in Block Two (2) of the D. D. McInnis Third Survey and more particularly described as follows: Beginning 109.5 feet Northeasterly direction
From the most Southern corner of Lot Ten (10), in Block Two (2) of the D. D. McInnis Third Survey in Hattiesburg, Forrest County, Mississippi, thence run Northwesterly
24 feet, more or less to the Southeasterly side of a drainage ditch, thence run Northeasterly along the Southeasterly side of said drainage ditch to a point where it intersects with Southeasterly side of Lot Ten (10), of above stated Block 2, and said Survey, thence run Southwesterly along Southeasterly side of said Lot Ten (10) to the point of beginning, together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: RUTH GRIFFIN LUCKETT

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanliness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030L-11-230 (PPIN# 20242), 1600 E. HARDY ST. HATTIESBURG, MS 39401, or better described as, Lots 11 and 12 Block 8 of the MAGRUDER & COMPANY ADDITION, in the City of Hattiesburg, as per map or plat on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: MERRITT INC

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanliness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Glazing (International Property Maintenance Code, Sec. 304.13.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Open Storage (Land Development Code, Sec. 87)
Protective Treatment (International Property Maintenance Code, Sec. 304.2)
Hazardous Tree (Land Development Code, Sec. 79.13)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030L-11-229 (PPIN# 33661), 1600 E. HARDY ST. HATTIESBURG, MS 39401, or better described as, Lots 13, 14, 15 and 16 Block 8 of the MAGRUDER & COMPANY ADDITION, in the City of Hattiesburg, as per map or plat on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: KEVIN BRELAND

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Glazing (International Property Maintenance Code, Sec. 304.13.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Open Storage (Land Development Code, Sec. 87)
Protective Treatment (International Property Maintenance Code, Sec. 304.2)
Hazardous Tree (Land Development Code, Sec. 79.13)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____ seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

28
Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-039B-17-028, 2202 1/2 ADELINE ST. HATTIESBURG, MS 39401 and better described as A part and portion of the NW 1/4 of Section 17; T 4 N; R 13 W; in Forrest County, Miss., and described as:

Commencing at the Northeast corner of the NE ¼ of the NW ¼ of said Section 17, at the intersection of the centerlines of South 21st Avenue and Adeline Street and run thence South for a distance of 25.0 feet; thence, at an angle of 89° 18' right, run South 89° 18' West over and across the West half of South 21st Avenue and along the South margin line of Adeline Street for a distance of 565.0 feet; thence, run South for a distance of 150.0 feet, to and for the Point of Beginning. As per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: CHARLES W. HOLT & CONNIE S. HOLT

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

**Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)**

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

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3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:	NAYS:	ABSENT:
George Delgado Carroll Dryden Brown	None	

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

29
Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029F-04-157, 103 MONTAGUE ST. HATTIESBURG, MS 39401 and better described as, LT 9 BLK 2 A.A. MONTAGUE ADD 2/94 706/191 B809 P2761-20-99
PREV#:H0576-02-009 STR 4-04N-13W ,in the City of Hattiesburg, County of Forrest, State of Mississippi, as per the map of plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: HL & C-FORREST LLC

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:	George	NAYS:	None	ABSENT:
	Delgado			
	Carroll			
	Dryden			
	Brown			

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL

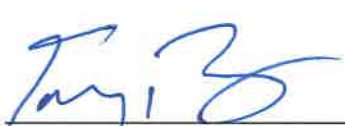

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
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City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-0280-08-121, 219 S. 23RD AVE. HATTIESBURG, MS 39401 and better described as The South Half of Lot Eight (8) and all of Lot Nine (9) in Block Twelve (12) of the Hattiesburg Heights Fourth Survey or Addition to the City of Hattiesburg, as per map or plat now on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements and appurtenances thereunto belonging;

and also:

A part of Lot Ten (10) in Block Twelve (12) of the Hattiesburg Heights Fourth Survey or Addition to the City of Hattiesburg, County of Forrest, State of Mississippi, being more particularly described as: Beginning at the Northeast corner of said Lot 10, and run thence at right angles West a distance of 150 feet to a public alley, thence at right angles South a distance of 15 feet, thence at right angles East a distance of 150 feet to the East margin of Twenty-third Avenue, thence at right angles North a distance of 15 feet to said point of beginning.

WHEREAS, the owner of the property is: JASON RICHARD KINTON

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

**Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)**

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private

contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado , and was adopted by the following vote, to-wit:

YEAS:	NAYS:	ABSENT:
George	None	
Delgado		
Carroll		
Dryden		
Brown		

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

31

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

**RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY**

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-0280-08-166, 211 S. 24TH AVE. HATTIESBURG, MS 39401 and better described as All of Lot Seven (7) and the North One-Half (N 1/2) of Lot Eight (8) in Block Eleven (11) of the HATTIESBURG HEIGHTS FOURTH SURVEY as per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements thereon and appurtenances thereunto belonging.

AND ALSO:

A part of Lots 1 and 2, Block 155 of the KAMPER AND WHINNERY EXTENSION to the City of Hattiesburg, County of Forrest, State of Mississippi, and being more particularly described as beginning at the Northern most corner of said Lot 1 and run Southeasterly along the Southwest margin line of Third Avenue for 50 feet, thence run Southwesterly and parallel with Northwest line of Lots 1 and 2 for 75 feet, thence run Northwesterly and parallel with Third Avenue for 50 feet to a point on the Northwest line of Lot 2, thence run Northeasterly along the Northwest line of Lots 2 and 1 for 75 feet to the Point of Beginning.

WHEREAS, the owner of the property is: PATRICIA W. BAKER TRUST

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

**Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)**

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2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

32
Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

**RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY**

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-0280-08-166, 211 1/2 S. 24TH AVE. HATTIESBURG, MS 39401 and better described as All of Lot Seven (7) and the North One-Half (N 1/2) of Lot Eight (8) in Block Eleven (11) of the HATTIESBURG HEIGHTS FOURTH SURVEY as per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements thereon and appurtenances thereunto belonging.

AND ALSO:

A part of Lots 1 and 2, Block 155 of the KAMPER AND WHINNERY EXTENSION to the City of Hattiesburg, County of Forrest, State of Mississippi, and being more particularly described as beginning at the Northern most corner of said Lot 1 and run Southeasterly along the Southwest margin line of Third Avenue for 50 feet, thence run Southwesterly and parallel with Northwest line of Lots 1 and 2 for 75 feet, thence run Northwesterly and parallel with Third Avenue for 50 feet to a point on the Northwest line of Lot 2, thence run Northeasterly along the Northwest line of Lots 2 and 1 for 75 feet to the Point of Beginning.

WHEREAS, the owner of the property is: PATRICIA W. BAKER TRUST

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)

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2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:	George	NAYS:	None	ABSENT:
	Delgado			
	Carroll			
	Dryden			
	Brown			

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

33

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029K-09-078, 304 MABLE ST. HATTIESBURG, MS 39401 and better described as ALL OF LOT 3 IN BLOCK 5, AND ALSO THAT PART OF LOT 2 I BLOCK 5 DESCRIBED AS BEGINNING AT THE NORTHWEST CORNER OF SAID LOT 2 AND RUN SOUTH 75 FEET, THENCE RUN EAST 2 FEET, THENCE RUN NORTH 75 FEET TO MABLE STREET; THENCE RUN WEST ALONG MABLE STREET A DISTANCE OF 2 FEET TO THE POINT OF BEGINNING, ALL IN THE C.J. MILLER SURVEY OF THE CITY OF HATTIESBURG, FORREST COUNTY, MISSISSIPPI ACCORDING TO THE OFFICIAL PLAT THEREOF ON FILE AND OF RECORD IN THE OFFICE OF THE CHANCERY CLERK OF SAID COUNTY, WHICH SURVEY IS A PART OF THE NE ¼ OF THE NE ¼, SECTION 9, T-4-N, R-13-W, FORREST COUNTY, MISSISSIPPI, TOGETHER WITH ALL IMPROVEMENTS THEREON AND APPURTENANCES THEREUNTO BELONGING.

WHEREAS, the owner of the property is: DONALD SABELLA C/O DONALD AND KIM SABELLA

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)
Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the

33
City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:	NAYS:	ABSENT:
George	None	
Delgado		
Carroll		
Dryden		
Brown		

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029K-09-080, 306 MABLE ST. HATTIESBURG, MS 39401 and better described as Lot 4 less 20 ft. by 20 ft. off the South end, Block 5, C.J. MILLER Addition, Section 9, Township 4 North, Range 13 West, City of Hattiesburg, Forrest County, Mississippi. Also being Parcel # 2-029K-09-080.00 and PPIN # 20568, as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: KINGDOM PROPERTIES MANAGEMENT C

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)
Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

34

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS: George
Delgado
Carroll
Dryden
Brown

NAYS: None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL

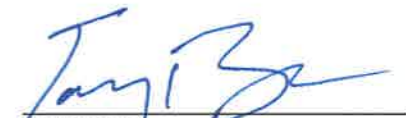

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

**RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY**

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029K-09-081, 308 MABLE ST. HATTIESBURG, MS 39401 and better described as Lot 5, Block 5, of the C. J. Miller Addition to the City of Hattiesburg, as per plat or map thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: GUS TIMOTHY GEORGIAN

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)
Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

35

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

34
Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: PARCEL: 2-025P-36-027, GOLF COURSE RD. HATTIESBURG, MS 39401 and better described as A part of the SW 1/4 of the SE 1/4 of Section 36, Township 5 North, Range 14 West, Forrest County, Mississippi, and being more particularly described as commencing at the SW corner of said SW 1/4 of SE 1/4 and run East along the South line of said Forty for 772 feet; thence run North for 644 feet to and for the Point of Beginning; thence run West for 84 feet; thence run North for 536 feet to the intersection with the centerline of a drain; thence run Easterly along the centerline of said drain for 320 feet, more or less, to the intersection with the West line of a public road; thence run Southeasterly along the West line of said road for 631 feet, more or less, to a point due East of the Point of Beginning; thence run West for 252.4 feet to the Point of Beginning; and comprising 3.5 acres, more or less; LESS AND EXCEPT 1.5 acres lying North of a public road which runs East and West and South of centerline of drain which runs East and West, said land herein conveyed comprising 2.0 acres, more or less.

WHEREAS, the owner of the property is: LANA FAYE MERTZ CROSS

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Exterior Structure (International Property Maintenance Code, Sec. 304.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

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2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS: George
Delgado
Carroll
Dryden
Brown

NAYS: None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

37
Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanliness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-028F-06-029, 809 N. 30TH AVE. HATTIESBURG, MS 39401 and better described as COMMENCE AT THE NORTHWEST CORNER OF THE NE 1/4 OF THE SE 1/4 OF SECTION 6, TOWNSHIP 4 NORTH, RANGE 13 WEST, FORREST COUNTY, MISSISSIPPI, AND RUN EAST ALONG THE NORTH LINE OF SAID FORTY FOR 355.6 FEET, THENCE RUN SOUTH FOR 50 FEET TO AND FOR THE POINT OF BEGINNING, THENCE CONTINUE SOUTH ALONG THE EAST LINE OF NORTH 30TH AVENUE FOR 147.4 FEET THENCE RUN EAST FOR 274 FEET MORE OR LESS, TO THE WEST LINE OF NORTH 29TH AVENUE, THENCE RUN NORTH ALONG THE WEST LINE OF NORTH 29TH AVENUE FOR 347, FEET TO THE SOUTH LINE OF HILLSIDE DRIVE, THENCE RUN WEST ALONG THE SOUTH LINE OF HILLSIDE DRIVE FOR 279.9 FEET TO THE POINT OF BEGINNING, SAID DESCRIBED PROPERTY BEING PART OF THE NE 1/4 OF THE SE 1/4 OF SECTION 6, TOWNSHIP 4 NORTH, RANGE 13 WEST, FORREST COUNTY, MISSISSIPPI.

WHEREAS, the owner of the property is: WILLIAM H. BRASWELL

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanliness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Accessory Structure (International Property Maintenance Code, Sec. 302.72)

2. If the property owners do not take corrective action within fifteen (15) days to remove the

37

violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

38
Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029H-03-017, 901 FAIRLEY ST. HATTIESBURG, MS 39401 and better described as PT NE ¼ SE ¼ BEG 313 FT S & 25 FT E OF NW COR E 170 FT S 60 FT W 170 FT N 60 FT TO BEG PREV #: H1004-00-012 TR 03-04N-13W, in the City of Hattiesburg, County of Forrest, State of Mississippi, as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi; together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: MYRON LYNN EVANS

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Glazing (International Property Maintenance Code, Sec. 304.13.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Open Storage (Land Development Code, Sec. 87)
Protective Treatment (International Property Maintenance Code, Sec. 304.2)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest

38
County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

39
Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029I-10-309, 1108 E. HARDY ST. HATTIESBURG, MS 39401 and better described as The West 63.75 feet of Lots 14, 15 and 16 in Block 4 of the D.D. MCINNIS FIRST SURVEY or Addition to the City of Hattiesburg, Forrest County, Mississippi, together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: ANDREW MOORE & RENEE MOORE

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed: /

Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)
Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

39

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:	George Delgado Carroll Dryden Brown	NAYS:	None	ABSENT:	
-------	---	-------	------	---------	--

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL

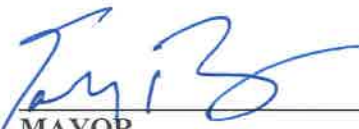

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

40

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

**RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY**

WHEREAS, on the 8th day of August 2017 the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-038C-16-238, 115 HARRELL ST. HATTIESBURG, MS 39401 and better described as the Northeasterly one-half (1/2) of Lots 8, 9, and 10, in Block Two (2), according to the D. D. McInnis Third Survey or Addition to the City of Hattiesburg, Mississippi, as per map or plat thereof on file in the Office of the Chancery Clerk of Forrest County, Mississippi, said parcel of land having a frontage of 150 feet on that certain alley commonly referred to as Harold or Harrell Street in the City of Hattiesburg, Mississippi, and extending Southwesterly between parallel lines a uniform depth of 109 feet, more or less to a line running Northwesterly and Southeasterly direction through the center of Lots 8, 9, and 10, Block Two (2) of said Survey, and being located in and forming part of the Northeast Quarter (NE 1/4) of Section 16, Township 4 North, Range 13 West, in Forrest County, Mississippi, the same being a leasehold estate for a term of 99 years from April 13, 1953, and recorded in Book 130, at page 579 of the Land Deed Records in the Office of the Chancery Clerk of Forrest County, Mississippi, LESS AND RESERVED from this conveyance is the following described piece of land as follows:

A part of Lot Ten (10), in Block Two (2) of the D. D. McInnis Third Survey and more particularly described as follows: Beginning 109.5 feet Northeasterly direction From the most Southern corner of Lot Ten (10), in Block Two (2) of the D. D. McInnis Third Survey in Hattiesburg, Forrest County, Mississippi, thence run Northwesterly 24 feet, more or less to the Southeasterly side of a drainage ditch, thence run Northeasterly along the Southeasterly side of said drainage ditch to a point where it intersects with Southeasterly side of Lot Ten (10), of above stated Block 2, and said Survey, thence run Southwesterly along Southeasterly side of said Lot Ten (10) to the point of beginning, together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: RUTH GRIFFIN LUCKETT

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

- Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)**
- Vacant Structure (International Property Maintenance Code, Sec. 301.3)**
- Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)**

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL

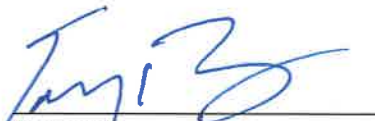

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017

ATTEST:

APPROVED:


CITY CLERK


MAYOR

41
Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030L-11-230 (PPIN# 20242), 1600 E. HARDY ST. HATTIESBURG, MS 39401, or better described as, Lots 11 and 12 Block 8 of the MAGRUDER & COMPANY ADDITION, in the City of Hattiesburg, as per map or plat on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: MERRITT INC

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Glazing (International Property Maintenance Code, Sec. 304.13.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Open Storage (Land Development Code, Sec. 87)
Protective Treatment (International Property Maintenance Code, Sec. 304.2)
Hazardous Tree (Land Development Code, Sec. 79.13)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

4)

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

42
Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030L-11-229 (PPIN# 33661), 1600 E. HARDY ST. HATTIESBURG, MS 39401, or better described as, Lots 13, 14, 15 and 16 Block 8 of the MAGRUDER & COMPANY ADDITION, in the City of Hattiesburg, as per map or plat on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: KEVIN BRELAND

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Glazing (International Property Maintenance Code, Sec. 304.13.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Open Storage (Land Development Code, Sec. 87)
Protective Treatment (International Property Maintenance Code, Sec. 304.2)
Hazardous Tree (Land Development Code, Sec. 79.13)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

42

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

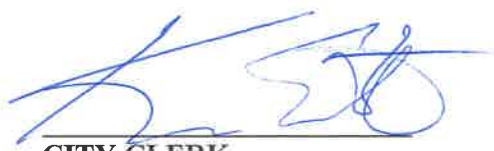

CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 029F-04-192, 535 W. 4TH ST. HATTIESBURG, MS 39401 and better described as Pt 3 Beg 30 ft. N & 313.45 ft. E of SW COR SE1/4 Sec 4 T 4 R 13 W N 281 ft. E 97.5 ft. S 272.5 ft. to 4th St. W 100 ft. to Beg. Blk 171 CRITTENDON SURVEY, of the City of Hattiesburg, as per map or plat thereof which is on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: W.R. & JESSIE DYE

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Electrical (International Property Maintenance Code, Sec. 601.2)
Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)
Responsibility Water (International Property Maintenance Code, Sec. 501.2)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

case #1

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:	NAYS:	ABSENT:
George Delgado Carroll Dryden Brown	None	

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

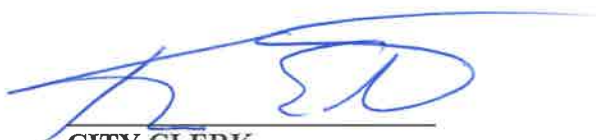

CLERK OF COUNCIL

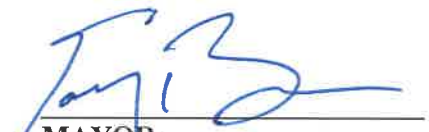

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

**RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY**

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029G-03-317, 124 E. 7TH ST. HATTIESBURG, MS 39401 and better described as Lot Three (3) of Block One (1) of the M. A. JONES SURVEY OR ADDITION to the City of Hattiesburg, Mississippi, as per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, including any and all improvements and appurtenances thereunto belonging.

LESS AND EXCEPT:

A part of Lot 3 of Block 1 of the M. A. JONES SURVEY OR ADDITION to the said City of Hattiesburg, MS, as per map or plat thereof on file in the office of Chancery Clerk of Forrest County, Mississippi, more particularly described as:

Commencing at the point where the dividing line between Lots 3 and 4 of Block 1 of the M. A. JONES SURVEY intersects the Northerly line of East Seventh Street in the said City of Hattiesburg, Mississippi, and run North along said division line between said Lots 3 and 4 a distance of 150 feet for a point of beginning of the parcel of land hereby conveyed; From said point of beginning, continue North along said division line between Lots 3 and 4 a distance of 80 feet; thence at right angles run in an Easterly direction and parallel to the North Line of East Seventh Street a distance of 70 feet; thence at right angles run in a Southerly direction and parallel to the division line between Lots 3 and 4 a distance of 80 feet; thence at right angles and parallel with the Northerly line of East Seventh Street run in a Westerly direction 70 feet to the point of beginning.

WHEREAS, the owner of the property is: LEODA & DELMA RAY CAMERON L/E

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

Case #3

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

- Exterior Structure (International Property Maintenance Code, Sec. 304.1)
- Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
- Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)
- Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
- Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:	NAYS:	ABSENT:
George	None	
Delgado		
Carroll		
Dryden		
Brown		

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

022
#4

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

**RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY**

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL 2-029H-03-059, 601 E. 9TH. HATTIESBURG, MS 39401 and better described as A part of Block 40 of the Hardy and Scott Survey or Addition to the City of Hattiesburg, particularly described as beginning at the Northwest corner of said Block 40 and run East 180 feet, thence South 75 feet, thence West 180 feet to Bouie Street, thence North 75 feet to Point of Beginning; and W 1/2 of vacated alley lying East of said parcel; and the West 35 feet of N 1/2 of Lot 3 and all of the N 1/2 of Lot 4 and E 1/2 of vacated alley lying West of said parcel, in Block 40 of the Hicks Subdivision of the Hardy and Scott Survey or Addition to the City of Hattiesburg, as per Map or Plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: HAROLD L. JACKSON & CAROLYN JACKSON

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:
- Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
 - Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
 - Vacant Structure (International Property Maintenance Code, Sec. 301.3)
 - Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

Case #4

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

Case #5

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

**RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY**

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029H-03-067, 707 E. 9TH ST. HATTIESBURG, MS 39401 and better described as A part of Block 41 of the HARDY & SCOTT SURVEY of the City of Hattiesburg, Forrest County, Mississippi, more particularly described as:

Beginning at the Northwest Corner of 9th Street and River Street, as now constituted, the same being 20 feet West of the original Northwest Corner of said Block 41, run thence East along the South margin of 9th Street a distance of 127 feet to the point of beginning; from said point of beginning run thence East 53 feet, thence run South 87 feet, thence run West 53 feet, thence run North 87 feet to 9th Street to the point of beginning, as per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: CARRIE HARPER HOWZE

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

- Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
- Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
- Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
- Open Storage (Land Development Code, Sec. 87)
- Vacant Structure (International Property Maintenance Code, Sec. 301.3)
- Protective Treatment (International Property Maintenance Code, Sec. 304.2)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the

Case #5

City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:	George Delgado Carroll Dryden Brown	NAYS:	None	ABSENT:	
-------	---	-------	------	---------	--

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

Case # 6
Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanliness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029H-03-081, 700 SHORT 9TH ST. HATTIESBURG, MS 39401 and better described as Park of a Block, beginning 20 feet West and 87 feet South of the Northwest Corner of Block 41, Hardy & Scott Subdivision, City of Hattiesburg, Forrest County, Mississippi; go 41 feet East, thence 84 feet South, thence 41 feet West, thence 84 feet North to the Point of Beginning, as per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: HATTIESBURG UNIVERSITY FOUNDATION JACKSON

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanliness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

088
#6

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:	George	NAYS:	None	ABSENT:
	Delgado			
	Carroll			
	Dryden			
	Brown			

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

058
#7

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanliness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-028I-08-360, 315 N. 20TH AVE. HATTIESBURG, MS 39401 and better described as Lot 5 of Block 4, of the BOWLING & PACE SUBDIVISION, of the City of Hattiesburg, Forrest County, Mississippi as per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi; together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: SOUTHERN VENTURE PROPERTY LLC

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanliness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Protective Treatment (International Property Maintenance Code, Sec. 304.2)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

use
#7

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

988
#6

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

**RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY**

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-039B-17-047, 702 S. 22ND AVE. HATTIESBURG, MS 39401 and better described as THE SOUTH 55 FEET OF LOT TWO (2) AND THE NORTH 10 FEET OF LOT THREE (3), BLOCK TWO (2) OF THE AUDUBON SUBDIVISION IN THE CITY OF HATTIESBURG, COUNTY OF FORREST, STATE OF MISSISSIPPI, AS PER THE MAP OR PLAT THEREOF ON FILE IN THE OFFICE OF THE CHANCERY CLERK OF FORREST COUNTY, MISSISSIPPI, TOGETHER WITH ALL IMPROVEMENTS THEREON AND APPURTENANCES THEREUNTO BELONGING

WHEREAS, the owner of the property is: KAREN L. WELLS & JAMES ROBINSON

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

99
#8

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

1950
#9

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030M-11-042, 305 KLONDYKE ST. HATTIESBURG, MS 39401 and better described as Lot Eight (8) in Block Eight (8) of and according to the D.D. MCINNIS SECOND SURVEY or Addition to the City of Hattiesburg, Forrest County, Mississippi, as per the office of the Chancery Clerk of Forest County, Mississippi; together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: STATE OF MISSISSIPPI

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

Case
#9

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

Case
#10

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

**RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY**

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030M-11-041, 307 KLONDYKE ST. HATTIESBURG, MS 39401 and better described as Lot 7, Block 8 of the D.D. MCINNIS SECOND SURVEY in the City of Hattiesburg, County of Forrest, State of Mississippi, as per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: THOMAS OSBEY

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

Case #10

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:	NAYS:	ABSENT:
George Delgado Carroll Dryden Brown	None	

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL

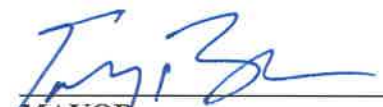

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

208
#13

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030M-11-034, 1312 DEASON AVE. HATTIESBURG, MS 39401 and better described as East one half (E1/2), of Lot 2, Block 5, OMEGA SUBDIVISION, City of Hattiesburg, County of Forrest, State of Mississippi, as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: ODELL BOLTON

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

202
#13

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:	NAYS:	ABSENT:
George Delgado Carroll Dryden Brown	None	

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:

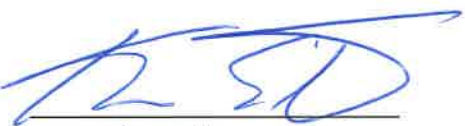

CLERK OF COUNCIL

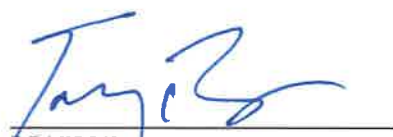

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

958
#14

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanliness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030M-11-22, 1305 REBECCA AVE. HATTIESBURG, MS 39401 and better described as SECTION 10, Township 04N, Range 13W, of Lot 3, Block 14 of the OMEGA SUBDIVISION, City of Hattiesburg, County of Forrest, State of Mississippi, as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: LOIS MARSH C-ED EST

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanliness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Hazardous Tree (Land Development Code, Sec. 79.13)
Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

98
#14

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

Case #15

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

**RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY**

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanliness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030M-11-219, 1307 REBECCA AVE. HATTIESBURG, MS 39401 and better described as All of Lot 4 in Block 14, in the OMEGA SUBDIVISION, located and being situated in the City of Hattiesburg, Forrest County, Mississippi, with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: ANDREW MOORE

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanliness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

- Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)**
- Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)**
- Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)**
- Vacant Structure (International Property Maintenance Code, Sec. 301.3)**

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

Case #15

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:	NAYS:	ABSENT:
George Delgado Carroll Dryden Brown	None	

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

195
#16

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030L-11-127, 218 OAK ST. HATTIESBURG, MS 39401 and better described as Lot 13, Block 2 of the R.A. MAGRUDER SUBDIVISION or Addition to the City of Hattiesburg, Forrest County, Mississippi, as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: DELPHIA M. JACKSON & CALVIN JACKSON

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

case #14

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado and was adopted by the following vote, to-wit:

YEAS:	NAYS:	ABSENT:
George Delgado Carroll Dryden Brown	None	

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL

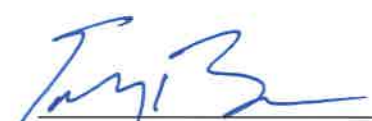

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

2058
#17

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029H-03-011, 809 1/2 FAIRLEY ST. HATTIESBURG, MS 39401 and better described as Commencing at the Northeast corner of the present terminus of East 8th Street and/or the Southwest corner of the Clifton Knight property and run thence North for a distance of 180 feet for the point of beginning; From this point of beginning run thence East and at right angles to the last named course a distance of 170 feet along the North line of the Ned Cole property; thence North and at right angles to the last named course a distance of 130.8 feet; thence West and at right angles to the last named course a distance of 170 feet; thence South and at right angles to the last named course a distance of 130.8 feet to the point of beginning; said parcel of land lying and being situated in the NE -1/4 of the SE -1/4 of Section 3, Township 4 North, Range 13 West, Forrest County, Mississippi as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: DOLLIE JONES

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the

Case #17

City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

258
#15

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029H-03-145, 708 RIVER ST. HATTIESBURG, MS 39401 and better described as Lots 2 and 14 in Block 37 of the HICKS SUBDIVISION of the HARDY & SCOTT SURVEY of the City of Hattiesburg, Forrest County, Mississippi as per map or plat thereof on file in the Office of the Chancery Clerk of Forrest County, Mississippi together with all improvements and appurtenances there unto belonging.

WHEREAS, the owner of the property is: MONICA JOHNSON

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

252
#16

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:	NAYS:	ABSENT:
George	None	
Delgado		
Carroll		
Dryden		
Brown		

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL

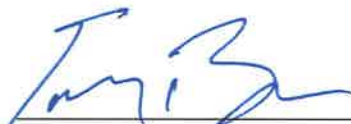

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

058
#19

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

**RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY**

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030L-11-013, 6 BONNIE ST. HATTIESBURG, MS 39401 and better described as S 1/2 of Lot 1 Block 2 A.K. MCINNIS 2nd ADDITION, Section 11, Township 4 North, Range 13 West, of the City of Hattiesburg, Forrest County, Mississippi as per map or plat thereof on file in the Office of the Chancery Clerk of Forrest County, Mississippi together with all improvements and appurtenances there unto belonging.

WHEREAS, the owner of the property is: PENTECOSTAL TEMPLE COMMUNITY CHURCH

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

- Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)**
- Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)**
- Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)**
- Premise Identification (International Property Maintenance Code, Sec. 304.3)**
- Vacant Structure (International Property Maintenance Code, Sec. 301.3)**

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

Case #19

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado and was adopted by the following vote, to-wit:

YEAS:	NAYS:	ABSENT:
George	None	
Delgado		
Carroll		
Dryden		
Brown		

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

case #20
Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-038H-15-062, 201 CHESTNUT AVE. HATTIESBURG, MS 39401 and better described as All of Lot One (1) in Block Two (2) of the OAK GARDENS RE-SUBDIVISION of Block Fifteen (15) of the BURKETT SUBDIVISION or Addition to the City of Hattiesburg, County of Forrest, State of Mississippi, as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: FLORA B. ALLEN L/E

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

ask #20

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:	George Delgado Carroll Dryden Brown	NAYS:	None	ABSENT:	
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The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

**RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY**

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-038H-15-075, 210 CHESTNUT AVE. HATTIESBURG, MS 39401 and better described as Lot Eleven (11), Block One (1) of the OAK GARDENS RESUBDIVISION of Block 15 of BURKETT'S SUBDIVISION, in the City of Hattiesburg, County of Forrest, State of Mississippi, as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi; together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: PERRY L. MILLER

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

off
#21

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-038H-15-076, 212 CHESTNUT AVE. HATTIESBURG, MS 39401 and better described as Lot Ten (10), Block One (1) of OAK GARDENS RE-SUBDIVISION of Block Fifteen (15) of BURKETT'S SUBDIVISION in the City of Hattiesburg, County of Forrest, State of Mississippi, as per map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, in Plat Book 7 at Page 42; together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: ACE PROPTIES C/O 101 ASHFORD CIRCLE LLC

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

22

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

23

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

**RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY**

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-038H-15-066, 1213 EDWARDS ST. HATTIESBURG, MS 39401 and better described as The South half of the North half of Lots 10, 11 and 12, Block 16 of the BURKETT'S SUBDIVISION in the City of Hattiesburg, County of Forrest, State of Mississippi, as per the map or plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi, being more particularly described as follows, to -wit: Begin at the point of intersection of the North line of Magnolia Avenue with the West line of Edwards Street; thence run Northerly along the West line of Edwards Street 100 feet to the point of beginning; thence run West parallel with Magnolia Avenue 168 feet to the West line of Lot 10; thence North parallel with Edwards Street and along the West line of Lot 10 for 50 feet; thence run East parallel with Magnolia Avenue 168 feet to the point of beginning.

And Also: The South 5 feet of the North 50 feet of Lots 10, 11 and 12, Block 16 of the BURKETT'S SUBDIVISION in the City of Hattiesburg, County of Forrest, State of Mississippi.

And also: The South half of the North half of Lot 9, Block 16 of the BURKETT'S SUBDIVISION in the City of Hattiesburg, County of Forrest, State of Mississippi; together with all improvements thereon and appurtenances thereunto belonging.

WHEREAS, the owner of the property is: ROSALYN LEE & JOSHUA HILL

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

23

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS: George
Delgado
Carroll
Dryden
Brown

NAYS: None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

24
Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029I-10-278, 105 EDNA ST. HATTIESBURG, MS 39401 and better described as Lot 4, Block 4 of the D.D. MCINNIS FIRST SURVEY or ADDITION to the City of Hattiesburg, Forrest County, Mississippi, as per the map or plat thereof on the file, in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: LUIS SOTERO & MARISELA HERNANDEZ

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Open Storage (Land Development Code, Sec. 87)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

24

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

25
Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-028J-08-178, 6208 U.S. HWY 49 HATTIESBURG, MS 39401 and better described as Part of the East Half of the Northwest Quarter of the Northwest Quarter (E 1/2 of NW 1/4 of NW 1/4) of Section 8, Township 4 North, Range 13 West, in Forrest County, Mississippi, and more particularly described as:

Commencing at the Southeast corner of the Northwest Quarter of Northwest Quarter (NW 1/4 of NW 1/4) of said Section, and run thence North along the East line of said forty acre tract a distance of 25 feet, run thence West parallel with South line of said forty acre tract a distance of 369.95 feet, run thence North parallel with the West line of 25th Avenue a distance of 440 feet to the Point of Beginning of the land herein described, and from said Point of Beginning run thence West parallel with the South line of said forty acre tract a distance of 139.5 feet, more or less, to the East line of the Mississippi U.S. Highway No. 49 By-Pass, as now located, run thence North along the East line of said Mississippi U.S. Highway No. 49 By-Pass a distance of 80 feet, run thence East parallel with the South line of said forty acre tract a distance of 139.5 feet, more or less, to a point lying due North of the said Point of Beginning and run South parallel with the West line of 25th Avenue a distance of 80 feet to the Point of Beginning.

WHEREAS, the owner of the property is: SOUTHERN GENTLEMEN LLC

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Easement and of Right of Ways (Land Development Code, Sec. 8.4.3)

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2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

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PARCEL: 2-039F-18-189, 2917 LARAMIE CIRCLE HATTIESBURG, MS 39402 and better described as Lot Eight (8), Block "E" of the WESTERN HEIGHTS SUBDIVISION in the City of Hattiesburg, County of Forrest, State of Mississippi, as per the map of plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: MURDELL B. BAILEY TRUSTEE

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

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The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

27

Prepared by:
City of Hattiesburg
Code Enforcement
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

Return to:
City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY

WHEREAS, on the 8th day of August 2017, the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 21st day of August, 2017 in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029I-10-060, 603 E. PINE ST. HATTIESBURG, MS 39401 and better described as Lot Eight (8), Block "E" of the WESTERN HEIGHTS SUBDIVISION in the City of Hattiesburg, County of Forrest, State of Mississippi, as per the map of plat thereof on file in the office of the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: TONI EBY & TINA MCMURRIN

WHEREAS, proper and timely notice of said hearing was given to said parties more than two weeks prior to the date of the hearing; and

WHEREAS, at said hearing it was determined that the aforementioned property is in such a state of uncleanness as to be a menace to the health and safety of the community and should be condemned.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, as follows:

1. A period of fifteen (15) days shall be extended to the property owner for removal of the violations listed:

Accumulation of Rubbish/Garbage (International Property Maintenance Code, Sec. 308.1)
Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Unsafe Structure (International Property Maintenance Code, Sec. 108.1.1)

2. If the property owners do not take corrective action within fifteen (15) days to remove the violations, then after a complete and final legal review of the property conducted by the City Attorney, the City will take action to remove all violations listed, said work to be legally contracted with a private contractor or City crews, and the cost of same plus penalty to be certified to the City Clerk for further legal disposition.

3. A copy of this Resolution will be certified and recorded in the Chancery Clerk's Office of Forrest County, Mississippi.

27

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 22nd day of August, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-653

File ID: 2017-653

Type: Resolution

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 08/16/2017

Brief Title: Budget Amendments, August 22, 2017

Final Action: 08/22/2017

Minute Book Number: MB2017-356

Title:

Adopt the August 22, 2017 Amendments to the Budget for the City of Hattiesburg for the fiscal year ending September 30, 2017 and adopt resolution authorizing publication of amendments for funds in excess of 10% of the original appropriation fund balance.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: V.-3

Sponsors:

Enactment Date:

Attachments: August 2017 Budget Amendments, RES#2017-132, executed August 2017 Budget Amendments

Enactment Number:

Contact:

Meeting Date: 08/22/2017

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017	Adopt				Pass
Action Text: A MOTION was made by Council Member Delgado and seconded by Council Member George to Adopt the August 22, 2017 Amendments to the Budget for the City of Hattiesburg for the fiscal year ending September 30, 2017 and adopt resolution authorizing publication of amendments for funds in excess of 10% of the original appropriation fund balance.							
There being no discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							
Council Vice President Dryden recused herself for the vote on Policy Agenda item V.- 4.							

Yea: 5 Council Member George
Council Member Delgado
Council President Carroll
Council Vice President Dryden
Council Member Brown

Text of Legislative File 2017-653

Title

Adopt the August 22, 2017 Amendments to the Budget for the City of Hattiesburg for the fiscal year ending September 30, 2017 and adopt resolution authorizing publication of amendments for funds in excess of 10% of the original appropriation fund balance.

Summary

Budget Amendments, August 22, 2017

Publication Information

Hattiesburg American

MEMORANDUM

TO : *Mayor Barker; Members of City Council*
FROM : *Connie Everett, Interim CFO*
DATE : *August 22, 2017*
SUBJECT : *Analysis of City Financial Status at close of FY 2017*

Attached is a recap of proposed amendments to the FY 2017 budget. As I have done in the past, I have detailed the General Fund amendments to reflect the effect on the budgeted ending cash. The proposed amendments will set the budgeted ending cash at \$2,292,965. Keep in mind that this is a budgeted amount, not what I expect the actual ending fund balance to be. A budget is an indicator of the effect of realizing all proposed revenue and expending all proposed costs of operation.

At this time, I anticipate a reduction of the General Fund ending fund cash balance of approximately \$3M (net of the Hercules settlement of \$3M) from previous years. This amount falls below of the amount of ending cash I recommend having (a minimum of \$4M), inasmuch as the City must retain enough cash balance to operate for the first three months of the fiscal year, along with sales tax revenue and other General Fund revenues, until we begin to receive ad valorem revenue.

Assessment of the City's finances indicates that FY 2017 has been a difficult year. The January tornado has set us back by over \$4M, and recovery is not yet complete. Between insurance and FEMA reimbursements to date, we have received about \$2.4M toward expenses incurred. Several facilities have not yet been rebuilt, such as the Mass Transit facility, No. 2 Fire Station, and Timberton ballfields, as well as auxiliary structures at other locations. I expect that there will be continued rebuilding for all of FY 2018. Closeout and reimbursement from FEMA and insurance will most likely extend into FY 2019.

Another significant cash expenditure for the General Fund includes debt service on the MDA energy performance project with Johnson Controls. The FY 2017 debt payment is \$203,714. The debt retirement for this project will continue for 15 years, with an average annual cost of \$640,000.

The City began the process of building a new Public Safety Complex in the fall of 2015. A site for a temporary headquarters was obtained and renovated so the site could be vacated in order for demolition, renovation, and new construction to occur. We anticipate the next phase of the project to begin soon, and this will place an additional financial burden on the General Fund, in the form of debt retirement on this facility. Estimated annual debt service costs could average \$2.5M, if structured repayment occurs over a 20-year period. Debt service on Phase I of this project, the temporary headquarters and new Parks & Recreation facility relocation, has already begun, and will average \$410,000 over a 20-year period.

Another factor impacting General Fund revenues is the issuance of four TIF bond issues in 2016. Debt service on each of these issues began in FY 2017. Forrest County participates with the City by contributing a portion of their ad valorem revenue toward debt service on these four debt instruments. The net impact is a reduction to the General Fund of about \$233,000 annually for a 15-year period.

The City is also obligated financially to provide a portion of the costs of infrastructure development to sites in the Midtown project area, west Hattiesburg near the site of the new Regions Bank facility, and at

the Industrial Park. Initial cost assessments project a City investment of upwards of \$2.7M over the next 4 years.

There is good news, as there is general obligation debt retiring in FY 2018 and FY 2022, which will enable the City to redirect ad valorem revenue of approximately \$1.5M annually to the projects listed above.

Also needing to be mentioned is the City's water & sewer system improvements. The City is continuing a more aggressive remedial action plan by investigating the current status of water lines, sewer lines, storm drains, and sanitary sewer overflow. The proceeds of \$25M in bonds through the Mississippi Development Bank in 2016 is being used for projects identified as high priority. Additionally, current water & sewer debt instruments will be retiring in FY 2021 and FY 2024, which will provide an approximate \$1.8M annually for new debt service to address water and sewer infrastructure needs.

Lastly, but no less important, is the City's ever-present need to evaluate and address employee salaries and capital equipment needs. Organizational structure and pay scales are currently being evaluated so the Administration can develop an action plan. Equipment and vehicle purchases will be restricted in FY 2018 until an assessment of the City's fleet can be made and a capital replacement plan developed.

As reflected above, the City of Hattiesburg has many daunting financial challenges facing this Administration. Crucial to meeting these needs is prudent financial management. Obtaining the FY 2015 and FY 2016 audits will be extremely important for regaining a bond rating with Moody's. This will enable the City to secure financing for projects at more favorable interest rates. City staff is working diligently to provide information to the auditors to enable them to complete the FY 2015 audit, so we can move forward.

We are finalizing the FY 2018 budget and will be presenting initial reports for your consideration shortly. The public hearing on the proposed FY 2018 budget is scheduled for September 7, with adoption scheduled for September 14.

If you should have any questions, please do not hesitate to contact me.

MEMORANDUM

TO: Mayor Barker; Members of City Council
FROM: Connie Everett, Interim CFO
DATE: August 22, 2017
SUBJECT: Proposed Budget Amendments

Listed below are proposed amendments to the budget for FY 2017. The amendments are presented as an adjustment to the budgeted ending cash for the General Fund:

Budgeted Ending Cash(as of April amendments)		\$4,457,182
Revenue Adjustments:		
Licenses & Permits(bldg. permits)	50,000	
Federal Revenue (grants)	666,541	
State-shared (sales tax)	600,000	
Fines & Forfeits	15,000	
Miscellaneous Revenues (Forrest County)	28,750	
Non-revenue receipts (lease proceeds; insurance)	<u>1,211,211</u>	2,571,502
Expenditure Adjustments:		
City Court – removal of salaries for vacant positions; adjust grant budgets	-34,913	
Mayor/Admin – salary adjustments for position changes; workers comp; phone & travel	-16,695	
Elections – invoice for voting machines	-18,000	
Accounting – workers comp; health ins.	-3,680	
Human Resources – workers comp	-485	
Risk Mgt – workers comp	-2,360	
Info.Systems – workers comp; network charges	-40,161	
Gen.Govt.Bldg – bldg rprs; church demolition	-507,500	
Depot – utilities; generator installation	-33,500	
Ins/Other Svcs – insurance premium	-12,500	
Police – workers comp; fuel; grants; vehicles	-699,677	
Fire – overtime; workers comp; fuel; portable bldg.; furniture	-376,081	
Contractual Services – prisoner housing	217,476	
Traffic – workers comp; utilities	-10,511	
Streets – workers comp; tornado expenses; capital	-241,135	
Street Lights	50,000	
Engineering – workers comp; tornado expenses	-1,047,863	
Shop – workers comp	-9,184	
GOFS – workers comp; tornado expenses	-16,325	
Drainage – workers comp NRCS & Gordons Creek projects	-1,448,843	
Construction – unbudgeted position; utilities; Eaton School	-125,312	
Sanitation – workers comp; tipping fees	-156,116	
Street Clng – workers comp; vehicle parts	-4,510	
Health – workers comp; equipment	3,127	
Animal Control – workers comp – So. Pines	-7,811	

Memorandum
August 22, 2017
Page 2

Economic Dev – Forrest Cty contribution-downtown assn	-25,000	
Debt Svc – interest due on Johnson Controls debt	-203,714	
Airport – workers comp	-2,762	
Cemetery – workers comp; equipment	42,038	
Parking Garages – workers comp	<u>-3,722</u>	-4,735,719
Amended Budgeted Ending Cash		\$ 2,292,965
Parks & Recreation Fund:		
Increase budget for workers comp; supplies; equipment rent		\$ 75,076
Water & Sewer O & M Fund:		
Increase budget for workers comp; lagoon chemicals; water & sewer line repairs; aerator repairs		\$ 1,150,389
Water & Sewer Revenue Fund:		
Increase budget for debt service fees; transfers		\$ 2,987,055
Series 2016 TIF Bond & Int (Whispering Pines) Fund:		
Budget for debt service		\$ 281,033
Series 2016 TIF Bond & Int (Hburg Clinic Midtown) Fund:		
Budget for debt service		\$ 70,385
Airport Improvement Fund:		
Adjust capital project budget		\$ -397,251
Series 2015 TIF Bond & Int (Ridge @ Turtle Creek) Fund:		
Adjust budget for debt service		\$ -21,275
Series 2015 TIF Bond & Int (Midtown Market) Fund:		
Budget for debt service		\$ 23,215
Municipal Road & Bridge Fund:		
Adjust budget for Mamie St. relocation; Lake Forgetful		\$ 262,279
Mass Transit Fund:		
Adjust budget to balance fund; bus repairs		\$ -146,165
Water & Sewer Construction Fund:		
Engineering fees; transfers; S 31 st Ave projects; Runnels Rd Loop water line		\$ 6,073,600

Memorandum
August 22, 2017
Page 3

Community Centers Fund:

Workers comp	\$ 10,000
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CDBG Fund:

Workers comp; professional services	\$ 7,000
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MDA Energy Efficiency Capital Projects Fund:

Adjust budget	\$ - 3,000
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TIF Construction Fund:

Transfer residual funds to debt service funds	\$ 211,591
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Series 2013 Water & Sewer Revenue Bonds Construction Fund:

Adjust budgets for capital projects and close out	\$ 228,111
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Series 2012 Water & Sewer Bonds Construction Fund:

Adjust budget and close out fund	\$ - 21,244
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If you have any questions concerning the above, please do not hesitate to call.

CITY OF HATTIESBURG, MS. - GENERAL FUND
Analysis of Revenue and Expenditure Budgets
Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/Apr Amend'ts	Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Revenues & Beg. Cash Balance:									
Taxes - Other	\$35,000		\$35,000		\$35,000		\$35,000		\$35,000
Licenses & Permits	4,448,800		4,448,800		\$4,448,800		\$4,448,800	50,000	\$4,498,800
Intergovernmental Revenues:									\$0
Federal	767,231		767,231	402,000	\$1,169,231	2,327,655	\$3,496,886	666,541	\$4,163,427
State	298,257		298,257		\$298,257		\$298,257		\$298,257
State-Shared	22,149,000		22,149,000		\$22,149,000		\$22,149,000	600,000	\$22,749,000
County/City Shared	58,948		58,948		\$58,948		\$58,948		\$58,948
Charges for Services:									\$0
Public Safety	157,000		157,000	40,000	\$197,000		\$197,000		\$197,000
Streets	1,500		1,500		\$1,500		\$1,500		\$1,500
Sanitation	2,206,000		2,206,000		\$2,206,000		\$2,206,000		\$2,206,000
Misc.	0		0		\$0		\$0		\$0
Fines & Forf.	1,353,200		1,353,200		\$1,353,200		\$1,353,200	15,000	\$1,368,200
Misc. Revenues	198,900		198,900	70,928	\$269,828		\$269,828	28,750	\$298,578
Transfers-In	543,000		543,000		\$543,000		\$543,000		\$543,000
Non-Revenue Receipts	278,912		278,912		\$278,912	672,033	\$950,945	1,211,211	\$2,162,156
TOTAL REVENUES EXCLUSIVE OF			0		0		\$0		\$0
PROPERTY TAXES									
Beg. Fund Balance	\$32,495,748	\$0	\$32,495,748	\$512,928	\$33,008,676	\$2,999,688	\$36,008,364	\$2,571,502	\$38,579,866
Property Tax Levy	5,500,000	2,647,959	8,147,959		\$8,147,959		8,147,959	-20,201	\$8,127,758
	14,500,000	0	14,500,000	500,000	\$15,000,000		15,000,000		\$15,000,000
TOTAL AVAIL. REVENUES	\$52,495,748	\$2,647,959	\$55,143,707	\$1,012,928	\$56,156,635	\$2,999,688	\$59,156,323	\$2,551,301	\$61,707,624

THE GENERAL FUND EXPENDITURE BUDGETS:

001003 City Council									
Personnel	\$297,046		\$297,046		\$297,046		297,046		297,046
Supplies & Expenses	3,400		3,400		\$3,400		3,400		3,400
Other Services & Charges	131,200	290	131,490		\$131,490		131,490		131,490
Capital Outlays	0		0		\$0		0		0
Total - City Council	\$431,646	\$290	\$431,936	\$0	\$431,936	\$0	\$431,936	\$0	\$431,936
001015 City Court									
Personnel	\$1,151,497	\$30,850	\$1,182,347	\$20,732	\$1,203,079		1,203,079	-\$58,300	1,144,779
Supplies & Expenses	36,400		36,400	7,720	\$44,120		44,120		44,120
Other Services & Charges	301,451	796	302,247		\$302,247		302,247	93,213	395,460
Capital Outlays	0		0		\$0		0		0
Total - City Court	\$1,489,348	\$31,646	\$1,520,994	\$28,452	\$1,549,446	\$0	\$1,549,446	\$34,913	\$1,584,359

CITY OF HATTIESBURG, MS. - GENERAL FUND
Analysis of Revenue and Expenditure Budgets
Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/Apr Amend'ts	Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
001020 Mayor/Admin.									
Personnel	\$602,613		\$602,613		\$602,613		602,613	\$12,495	615,108
Supplies & Expenses	16,400	445	16,845	200	\$17,045		17,045		17,045
Other Services & Charges	117,200	2,045	119,245	200	\$119,445		119,445	4,200	123,645
Capital Outlays	3,700	1,696	5,396		\$5,396		5,396		5,396
Total - Mayor/Admin.	\$739,913	\$4,186	\$744,099	\$400	\$744,499	\$0	\$744,499	\$16,695	\$761,194
001030 Elections									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	3,200		3,200		\$3,200		3,200		3,200
Other Services & Charges	64,000		64,000		\$64,000		64,000	18,000	82,000
Capital Outlays	0		0		\$0		0		0
Total - Elections	\$67,200	\$0	\$67,200	\$0	\$67,200	\$0	\$67,200	\$18,000	\$85,200
001040 Muni. Clerk									
Personnel	\$155,500		\$155,500		\$155,500		\$155,500		\$155,500
Supplies & Expenses	900	3,000	3,900		\$3,900	2,086	5,986		5,986
Other Services & Charges	31,275		31,275		\$31,275	-2,086	29,189		29,189
Capital Outlays	0		0		\$0		0		0
Total - Muni Clerk	\$187,675	\$3,000	\$190,675	\$0	\$190,675	\$0	\$190,675	\$0	\$190,675
001042 Accounting									
Personnel	\$245,800	\$46,300	\$292,100		\$292,100		\$292,100	\$3,680	\$295,780
Supplies & Expenses	5,705		5,705	3,300	\$9,005		9,005		9,005
Other Services & Charges	3,430	300	3,730		\$3,730		3,730		3,730
Capital Outlays	0		0		\$0		0		0
Total - Accounting	\$254,935	\$46,600	\$301,535	\$3,300	\$304,835	\$0	\$304,835	\$3,680	\$308,515
001045 Purchasing									
Personnel	\$147,144		\$147,144		\$147,144		\$147,144		\$147,144
Supplies & Expenses	7,500	304	7,804	2,000	\$9,804		9,804		9,804
Other Services & Charges	5,780		5,780		\$5,780		5,780		5,780
Capital Outlays	0		0		\$0		0		0
Total - Purchasing	\$160,424	\$304	\$160,728	\$2,000	\$162,728	\$0	\$162,728	\$0	\$162,728

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	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/Apr Amend'ts	Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
001060 City Attorney									
Personnel	\$101,876		\$101,876		\$101,876		\$101,876		\$101,876
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	9,100		9,100		\$9,100		9,100		9,100
Capital Outlays	0		0		\$0		0		0
Total - City Attorney	\$110,976	\$0	\$110,976	\$0	\$110,976	\$0	\$110,976	\$0	\$110,976
001080 Human Resources									
Personnel	\$184,045		\$184,045		\$184,045		\$184,045	\$485	\$184,530
Supplies & Expenses	8,900		8,900		\$8,900		8,900		8,900
Other Services & Charges	20,520		20,520		\$20,520		20,520		20,520
Capital Outlays	0		0		\$0		0		0
Total - Human Resources	\$213,465	\$0	\$213,465	\$0	\$213,465	\$0	\$213,465	\$485	\$213,950
001081 Loss Control									
Personnel	\$111,619		\$111,619		\$111,619		\$111,619	\$2,360	\$113,979
Supplies & Expenses	6,938	248	6,938		\$6,938		6,938		6,938
Other Services & Charges	2,860		2,860		\$2,860		2,860		2,860
Capital Outlays	0		0		\$0		0		0
Total - Loss Control	\$121,169	\$248	\$121,417	\$0	\$121,417	\$0	\$121,417	\$2,360	\$123,777
001090 Urban Development									
Personnel	\$597,800		\$597,800		\$597,800		\$597,800		\$597,800
Supplies & Expenses	28,150	252	28,402		\$28,402		28,402		28,402
Other Services & Charges	69,050		69,050		\$69,050		69,050		69,050
Capital Outlays	0		0		\$0		0		0
Total - Urban Dev.	\$695,000	\$252	\$695,252	\$0	\$695,252	\$0	\$695,252	\$0	\$695,252
001091 Information Systems									
Personnel	\$385,122		\$385,122		\$385,122		\$385,122	\$1,661	\$386,783
Supplies & Expenses	57,600		57,600		\$57,600		57,600		57,600
Other Services & Charges	527,200		527,200		\$527,200		527,200	38,500	565,700
Capital Outlays	325,000		325,000		\$325,000		325,000		325,000
Total - Inf. Systems	\$1,294,922	\$0	\$1,294,922	\$0	\$1,294,922	\$0	\$1,294,922	\$40,161	\$1,335,083

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	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/Apr Amend'ts	Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
001092 Gen. Gov't Building									
Personnel			\$0		\$0		\$0		\$0
Supplies & Expenses	24,160	225	24,385		\$24,385		24,385	7,500	31,885
Other Services & Charges	151,150	61,184	212,334	30,000	\$242,334	27,000	269,334		269,334
Capital Outlays	0	44,889	44,889	70,000	\$114,889		114,889	500,000	614,889
Total - Gen. Gov't Building	\$175,310	\$106,298	\$281,608	\$100,000	\$381,608	\$27,000	\$408,608	\$507,500	\$916,108
001093 Intermodal Facility (Depot) O & M:									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	8,750		8,750		\$8,750		8,750		8,750
Other Services & Charges	77,250	16,927	94,177		\$94,177		94,177	-6,500	87,677
Capital Outlays	0	100,000	100,000		\$100,000		100,000	40,000	140,000
Total - Depot O & M	\$86,000	\$116,927	\$202,927	\$0	\$202,927	\$0	\$202,927	\$33,500	\$236,427
001094 Metro Planning									
Personnel	\$255,470		\$255,470		\$255,470		\$255,470		\$255,470
Supplies & Expenses	9,300	525	9,825	6,000	\$15,825		15,825		15,825
Other Services & Charges	74,500		74,500	30,100	\$104,600		104,600		104,600
Capital Outlays	0	8,044	8,044		\$8,044		8,044		8,044
Total - Metro Planning	\$339,270	\$8,569	\$347,839	\$36,100	\$383,939	\$0	\$383,939	\$0	\$383,939
001095 Gen. Gov't Insurance/Other serv.									
Personnel	\$1,000		\$1,000		\$1,000		\$1,000		\$1,000
Supplies & Expenses	1,200		1,200		\$1,200		1,200		1,200
Other Services & Charges	2,950,660	34,500	2,985,160		\$2,985,160		2,985,160	12,500	2,997,660
Capital Outlays			0		\$0		0		0
Total - Gen. Gov't Insur/other Serv.	\$2,952,860	\$34,500	\$2,987,360	\$0	\$2,987,360	\$0	\$2,987,360	\$12,500	\$2,999,860
001096 Federal Programs Administration									
Personnel	\$255,040		255,040		\$255,040		255,040		255,040
Supplies	6,200	\$1,639	7,839	\$25,000	\$32,839		32,839		32,839
Other Services & Charges	23,250		23,250	\$47,250	\$70,500	\$410,014	480,514		480,514
Capital Outlay	0		0		\$0		0		0
Total - Federal Programs Admin.	\$284,490	\$1,639	\$286,129	\$72,250	\$358,379	\$410,014	\$768,393	\$0	\$768,393

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	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/Apr Amend'ts	Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Recap - General Government Cost Centers									
Personnel	\$4,491,572	\$77,150	\$4,568,722	\$20,732	\$4,589,454	\$0	\$4,589,454	-\$37,619	\$4,551,835
Supplies & Expenses	\$224,455	\$6,638	\$231,093	\$44,220	\$275,313	\$2,086	\$277,399	\$7,500	\$284,899
Other Services & Charges	\$4,559,876	\$116,042	\$4,675,918	\$107,550	\$4,783,468	\$434,928	\$5,218,396	\$159,913	\$5,378,309
Capital Outlays	\$328,700	\$154,629	\$483,329	\$70,000	\$553,329	\$0	\$553,329	\$540,000	\$1,093,329
Total - Gen. Government	\$9,604,603	\$354,459	\$9,959,062	\$242,502	\$10,201,564	\$437,014	\$10,638,578	\$669,794	\$11,308,372
001100 Police									
Personnel	\$10,626,690	\$114,390	\$10,741,080	-\$20,732	\$10,720,348	\$59,802	\$10,780,150	\$57,155	\$10,837,305
Supplies & Expenses	487,536	12,841	500,377	18,060	\$518,437	43,559	561,996	82,822	644,818
Other Services & Charges	397,311	1,179	398,490	13,200	\$411,690	159,500	411,690	72,700	484,390
Capital Outlays	169,250	297,894	467,144	123,000	\$590,144	749,644	487,000	1,236,644	
Total - Police	\$11,680,787	\$426,304	\$12,107,091	\$133,528	\$12,240,619	\$262,861	\$12,503,480	\$699,677	\$13,203,157
001131 Police & Fire Training									
Personnel	\$36,897		\$36,897		\$36,897		\$36,897	\$0	\$36,897
Supplies & Expenses	111,225	\$3,507	114,732		\$114,732		114,732		114,732
Other Services & Charges	93,925	111	94,036	45	\$94,081		94,081		94,081
Capital Outlays	0	0	0		\$0	33,000	33,000		33,000
Total - Police & Fire Training	\$242,047	\$3,618	\$245,665	\$45	\$245,710	\$33,000	\$278,710	\$0	\$278,710
001160 Fire									
Personnel	\$7,357,796		\$7,357,796		\$7,357,796	\$3,133	\$7,360,929	\$349,470	\$7,710,399
Supplies & Expenses	308,661		308,661	2,050	\$310,711	4,202	\$314,913	7,000	\$321,913
Other Services & Charges	296,547	10,038	306,585		\$306,585	6,646	\$313,231	-21,000	\$292,231
Capital Outlays	0		0	110,900	\$110,900	84,592	195,492	40,611	236,103
Total - Fire Dept.	\$7,963,004	\$10,038	\$7,973,042	\$112,950	\$8,086,992	\$98,573	\$8,184,565	\$376,081	\$8,560,646
001180 Code Enforcement									
Personnel	\$602,464		\$602,464	\$0	\$602,464		\$602,464		\$602,464
Supplies & Expenses	28,906	1,033	29,939		\$29,939		29,939		29,939
Other Services & Charges	110,145	51,050	161,195		\$161,195		161,195		161,195
Capital Outlays	0		0		\$0		0		0
Total - Code Enforcement	\$741,515	\$52,083	\$793,598	\$0	\$793,598	\$0	\$793,598	\$0	\$793,598
001190 Contractual Services - Public Safety									
Personnel	\$221,800		\$221,800		\$221,800		\$221,800		\$221,800
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	1,301,000		1,301,000		\$1,301,000	117,476	1,418,476	-217,476	1,201,000
Capital Outlays	0		0		\$0		0		0
Total - Cont. Serv. - Public Safety	\$1,522,800	\$0	\$1,522,800	\$0	\$1,522,800	\$117,476	\$1,640,276	-\$217,476	\$1,422,800

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Public Services Cost Centers:

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/Apr Amend'ts	Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
001191 Traffic Maint.									
Personnel	\$403,260		\$403,260		\$403,260		\$403,260	\$12,511	\$415,771
Supplies & Expenses	142,070	141	142,211		\$142,211		142,211		142,211
Other Services & Charges	47,400		47,400		\$47,400		47,400	-2,000	45,400
Capital Outlays	0		0		\$0		0		0
Total - Traffic Maint.	\$592,730	\$141	\$592,871	\$0	\$592,871	\$0	\$592,871	\$10,511	\$603,382
001201 Streets									
Personnel	\$1,831,973		\$1,831,973		\$1,831,973		\$1,831,973	\$77,112	\$1,909,085
Supplies & Expenses	481,063	334	481,397	60,000	\$541,397	25,937	567,334		567,334
Other Services & Charges	171,800	601,860	773,660	250,000	\$1,023,660	125,368	1,149,028	349,037	1,498,065
Capital Outlays	0		0		\$0	218,580	218,580	-185,014	33,566
Total - Streets	\$2,484,836	\$602,194	\$3,087,030	\$310,000	\$3,397,030	\$369,885	\$3,766,915	\$241,135	\$4,008,050
001202 Street Lights									
Personnel			\$0		\$0		\$0		\$0
Supplies & Expenses			0		\$0		0		0
Other Services & Charges	1,170,000		1,170,000		\$1,170,000		1,170,000	-50,000	1,120,000
Capital Outlays	0		0		\$0		0		0
Total - Street Lights	\$1,170,000	\$0	\$1,170,000	\$0	\$1,170,000	\$0	\$1,170,000	-\$50,000	\$1,120,000
001203 Engineering									
Personnel	\$389,492		\$389,492		\$389,492		\$389,492	-\$4,137	\$385,355
Supplies & Expenses	11,025		11,025		\$11,025		11,025		11,025
Other Services & Charges	303,374		303,374	37,000	\$340,374	1,658,843	1,999,217	1,052,000	3,051,217
Capital Outlays	0		0		\$0		0		0
Total - Engineering	\$703,891	\$0	\$703,891	\$37,000	\$740,891	\$1,658,843	\$2,399,734	\$1,047,863	\$3,447,597
001204 Shop									
Personnel	\$518,497		\$518,497		\$518,497		\$518,497	\$9,184	\$527,681
Supplies & Expenses	45,800	45	45,845		\$45,845		45,845		45,845
Other Services & Charges	44,000		44,000		\$44,000		44,000		44,000
Capital Outlays	0		0		\$0		0		0
Total - Shop	\$608,297	\$45	\$608,342	\$0	\$608,342	\$0	\$608,342	\$9,184	\$617,526

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001205 GOFS									
Personnel	\$275,404		\$275,404		\$275,404		\$275,404	\$1,570	\$276,974
Supplies & Expenses	10,100		10,100		\$10,100		10,100		10,100
Other Services & Charges	16,500		16,500		\$16,500		16,500	14,755	31,255
Capital Outlays	0		0		\$0		0		0
Total - GOFS	\$302,004	\$0	\$302,004	\$0	\$302,004	\$0	\$302,004	\$16,325	\$318,329
001206 Drainage									
Personnel	\$169,902		\$169,902		\$169,902		\$169,902	\$6,732	\$176,634
Supplies & Expenses	61,750	2,050	63,800		\$63,800		63,800		63,800
Other Services & Charges	231,300		231,300		\$231,300		231,300		231,300
Capital Outlays	0		0		\$0		0	1,442,111	1,442,111
Total - Drainage	\$462,952	\$2,050	\$465,002	\$0	\$465,002	\$0	\$465,002	\$1,448,843	\$1,913,845
001207 Construction									
Personnel	\$695,671		\$695,671		\$695,671		\$695,671	\$78,072	\$773,743
Supplies & Expenses	147,500		147,500	100	\$147,600		147,600		147,600
Other Services & Charges	71,432	13,000	84,432		\$84,432		84,432	7,500	91,932
Capital Outlays	0		0		\$0		0	39,740	39,740
Total - Construction	\$914,603	\$13,000	\$927,603	\$100	\$927,703	\$0	\$927,703	\$125,312	\$1,053,015
001220 Sanitation									
Personnel	\$1,545,756		1,545,756		\$1,545,756		\$1,545,756	\$26,116	\$1,571,872
Supplies & Expenses	291,696		291,696		\$291,696		291,696		291,696
Other Services & Charges	958,750		958,750		\$958,750		958,750	182,000	1,140,750
Capital Outlays	0		0		\$0	52,000	52,000	-52,000	0
Total - Sanitation	\$2,796,202	\$0	\$2,796,202	\$0	\$2,796,202	\$52,000	\$2,848,202	\$156,116	\$3,004,318
001221 Street Cleaning									
Personnel	\$83,902		\$83,902		\$83,902		\$83,902	\$2,010	\$85,912
Supplies & Expenses	19,200		19,200		\$19,200		19,200	2,500	21,700
Other Services & Charges	2,600		2,600		\$2,600		2,600		2,600
Capital Outlays	0		0		\$0		0		0
Total - Street Cleaning	\$105,702	\$0	\$105,702	\$0	\$105,702	\$0	\$105,702	\$4,510	\$110,212
001250 Health									
Personnel	\$482,203		\$482,203		\$482,203		\$482,203	\$35,873	\$518,076
Supplies & Expenses	167,550		167,550		\$167,550		167,550	6,000	173,550
Other Services & Charges	8,700		8,700		\$8,700		8,700		8,700
Capital Outlays	0		0		\$0	45,000	45,000	-45,000	0
Total - Health	\$658,453	\$0	\$658,453	\$0	\$658,453	\$45,000	\$703,453	-\$3,127	\$700,326

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	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/Apr Amend'ts	Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Recap - Public Services:									
Personnel	\$6,396,060	\$0	\$6,396,060	\$0	\$6,396,060	\$0	\$6,396,060	\$245,043	\$6,641,103
Supplies & Expenses	\$1,377,754	2,570	1,380,324	60,100	\$1,440,424	25,937	1,466,361	8,500	1,474,861
Other Services & Charges	\$3,025,856	614,860	3,640,716	287,000	\$3,927,716	1,784,211	5,711,927	1,553,292	7,265,219
Capital Outlays	\$0	0	0	0	\$0	315,580	315,580	1,199,837	1,515,417
Total - Public Services	\$10,799,670	\$617,430	\$11,417,100	\$347,100	\$11,764,200	\$2,125,728	\$13,889,928	\$3,006,672	\$16,896,600
001260 Animal Control									
Personnel	\$156,094		\$156,094		\$156,094		\$156,094	\$1,261	\$157,355
Supplies & Expenses	14,800		14,800		\$14,800		14,800		14,800
Other Services & Charges	126,685		126,685		\$126,685		126,685	6,550	133,235
Capital Outlays	0		0		\$0		0		0
Total - Animal Control	\$297,579	\$0	\$297,579	\$0	\$297,579	\$0	\$297,579	\$7,811	\$305,390
001280 Human/Social Assist.									
Personnel			\$0		\$0		\$0		\$0
Supplies & Expenses			0		\$0		0		0
Other Services & Charges	199,500	25,000	224,500	25,380	\$249,880		249,880		249,880
Capital Outlays			0		\$0		0		0
Total - Human/Social Assist.	\$199,500	\$25,000	\$224,500	\$25,380	\$249,880	\$0	\$249,880	\$0	\$249,880
001402 Economic Dev.									
Personnel			\$0		\$0		\$0		\$0
Supplies & Expenses			0		\$0		0		0
Other Services & Charges	230,000		230,000		\$230,000		230,000	25,000	255,000
Capital Outlays			0		\$0		0		0
Total - Economic Dev.	\$230,000	\$0	\$230,000	\$0	\$230,000	\$0	\$230,000	\$25,000	\$255,000
001460 Debt Service									
Principal	\$590,650		\$590,650	\$3,000	\$593,650		\$593,650		\$593,650
Interest	386,874		\$386,874		\$386,874		\$386,874	\$203,714	\$590,588
Total Debt Service	\$977,524	\$0	\$977,524	\$3,000	\$980,524	\$0	\$980,524	\$203,714	\$1,184,238
001551 Airport									
Personnel	\$79,563		\$79,563		\$79,563		\$79,563	\$2,762	\$82,325
Supplies & Expenses	38,200		38,200		\$38,200		38,200		38,200
Other Services & Charges	85,958		85,958		\$85,958		85,958		85,958
Capital Outlays	0		0		\$0		0		0
Total - Airport	\$203,721	\$0	\$203,721	\$0	\$203,721	\$0	\$203,721	\$2,762	\$206,483

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	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/Apr Amend'ts	Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
001553 Cemetery									
Personnel	\$756,881		\$756,881		\$756,881		\$756,881	\$17,962	\$774,843
Supplies & Expenses	83,700		83,700	1,250	\$84,950		84,950		84,950
Other Services & Charges	49,351		49,351		\$49,351	12,000	61,351		61,351
Capital Outlays	0		0	1,000	\$1,000	130,000	131,000	-60,000	71,000
Total - Cemetery	\$889,932	\$0	\$889,932	\$2,250	\$892,182	\$142,000	\$1,034,182	-\$42,038	\$992,144
001560 Parking Garages									
Personnel	\$234,680		\$234,680		\$234,680		\$234,680	\$3,722	\$238,402
Supplies & Expenses	7,170	420	7,590	1,500	\$9,090		9,090		9,090
Other Services & Charges	70,350		70,350		\$70,350		70,350		70,350
Capital Outlays	0		0		\$0	0	0		0
Total - Parking Garages	\$312,200	\$420	\$312,620	\$1,500	\$314,120	\$0	\$314,120	\$3,722	\$317,842
Transfers to Other Funds	\$3,460,000		\$3,460,000		\$3,460,000		\$3,460,000		\$3,460,000
EXPENDITURES & TRANSFERS	\$49,124,882	\$1,489,352	\$50,614,234	\$68,255	\$51,482,489	\$3,216,652	\$54,699,141	\$4,735,719	\$59,434,860
Recap - General Fund									
Personnel	\$30,960,497	\$191,540	\$31,152,037	\$0	\$31,152,037	\$62,935	\$31,214,972	\$639,756	\$31,854,728
Supplies & Expenses	2,682,407	27,009	2,709,416	127,180	2,836,596	75,784	2,912,380	105,822	3,018,202
Other Services & Charges	10,546,504	818,280	11,364,784	433,175	11,797,959	2,355,261	14,153,220	1,578,979	15,732,199
Capital Outlays	497,950	452,523	950,473	304,900	1,255,373	722,672	1,978,045	2,207,448	4,185,493
Principal Payments	590,650	0	590,650	3,000	593,650	0	593,650	0	593,650
Interest Payments	386,874	0	386,874	0	386,874	0	386,874	203,714	590,588
Total - Gen. Fund Cost Centers	\$45,664,882	\$1,489,352	\$47,154,234	\$868,255	\$48,022,489	\$3,216,652	\$51,239,141	\$4,735,719	\$55,974,860
Transfers to Other Funds	3,460,000	0	3,460,000	0	3,460,000	0	3,460,000	0	3,460,000
Total - Expenditures & Transfers	\$49,124,882	\$1,489,352	\$50,614,234	\$868,255	\$51,482,489	\$3,216,652	\$54,699,141	\$4,735,719	\$59,434,860
Ending Cash Budget	\$3,370,866	\$1,158,607	\$4,529,473	\$144,673	\$4,674,146	-\$216,964	\$4,457,182	-\$2,184,418	\$2,272,764
Ending Fund Balance Exclusive of Hercules Settlement		\$1,529,473			\$1,674,146		\$1,457,182		-\$727,236
ADMINISTRATIVE	\$9,604,603		\$9,959,062		\$10,201,564		\$10,638,578		\$11,308,372
POLICE & ACADEMY	\$11,922,834		\$12,352,756		\$12,486,329		\$12,782,190		\$13,481,867
FIRE	\$7,963,004		\$7,973,042		\$8,085,992		\$8,184,565		\$8,560,646
CODE ENFORCEMENT	\$741,515		\$793,598		\$793,598		\$793,598		\$793,598
PUBLIC WORKS	\$10,799,670		\$11,417,100		\$11,764,200		\$13,889,928		\$16,896,600
DEBT SERVICE	\$977,524		\$977,524		\$980,524		\$980,524		\$1,184,238
OTHER	\$3,655,732		\$3,681,152		\$3,710,282		\$3,969,758		\$3,749,539
TRANSFERS	\$3,460,000		\$3,460,000		\$3,460,000		\$3,460,000		\$3,460,000

CITY OF HATTIESBURG, MS. - GENERAL FUND
Analysis of Revenue and Expenditure Budgets
Fiscal Year Ending September 30, 2017

	Original		Oct/Nov		Amended		Jan/Feb		Amended		Mar/Apr		Amended		Proposed	Proposed	
	FY 2017		Amend'ts		Budgets		Amend'ts		Budgets		Amend'ts		Budgets		August	Amended	
	Budgets		Amend'ts		Budgets		Amend'ts		Budgets		Amend'ts		Budgets		Amend'ts	Budgets	
PERSONNEL	\$30,960,497				\$31,152,037				\$31,152,037				\$31,214,972		\$639,756	\$31,854,728	
SUPPLIES	\$2,682,407				\$2,709,416				\$2,836,596				\$2,912,380		\$105,822	\$3,018,202	
OTHER SERVICES & CHARGES	\$10,546,504				\$11,364,784				\$11,797,959				\$14,153,220		\$1,578,979	\$15,732,199	
CAPITAL OUTLAY	\$497,950				\$950,473				\$1,255,373				\$1,978,045		\$2,207,448	\$4,185,493	
DEBT SERVICE	\$977,524				\$977,524				\$980,524				\$980,524		\$203,714	\$1,184,238	
TRANSFERS	\$3,460,000				\$3,460,000				\$3,460,000				\$3,460,000		\$0	\$3,460,000	

CITY OF HATTIESBURG, MS
Analysis of Expenditure Budgets - Funds Other Than General
Fiscal Year Ending September 30, 2017

Parks & Recreation (Fund #2):

Recreation Maint. Cost Center (002300)
 Personnel
 Supplies & Expenses
 Other Services & Charges
 Capital Outlays
 Total - Recreation Maint.

Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/April Amend'ts	Proposed Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
\$1,333,998		\$1,333,998		\$1,333,998		\$1,333,998	\$30,000	\$1,363,998
366,200	13,015	379,215	10,000	\$389,215		389,215	10,000	399,215
345,005	60,981	405,986	100,000	\$505,986	106,876	612,862	13,000	625,862
0	61,543	61,543	55,207	\$116,750	248,500	365,250		365,250
\$2,045,203	\$135,539	\$2,180,742	\$165,207	\$2,345,949	\$355,376	\$2,701,325	\$53,000	\$2,754,325

Recreation Admin. (002315)

Personnel
 Supplies & Expenses
 Other Services & Charges
 Capital Outlays
 Total - Recreation Admin.

\$486,934		\$486,934		\$486,934		\$486,934	\$22,076	\$509,010
88,672	2,315	90,987		\$90,987	7,000	97,987		97,987
463,794	4,608	468,402		\$468,402		468,402		468,402
0	46,998	46,998		\$46,998		46,998		46,998
\$1,039,400	\$53,921	\$1,093,321	\$0	\$1,093,321	\$7,000	\$1,100,321	\$22,076	\$1,122,397

Kemper Park Zoo

Personnel
 Supplies & Expenses
 Other Services & Charges
 Capital Outlays
 Total - Kemper Park

\$0		\$0		\$0		\$0		\$0
0		0		\$0		0		0
0		0		\$0		0		0
0		0		\$0		0		0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Recap - Parks & Recreation Fund:

Personnel
 Supplies & Expenses
 Other Services & Charges
 Capital Outlays
 Total - Recreation Maint.

\$1,820,932	\$0	\$1,820,932	\$0	\$1,820,932	\$0	\$1,820,932	\$52,076	\$1,873,008
454,872	15,330	470,202	10,000	\$480,202	7,000	\$487,202	10,000	497,202
808,799	65,589	874,388	100,000	\$974,388	106,876	\$1,081,264	13,000	1,094,264
0	108,541	108,541	55,207	\$163,748	248,500	\$412,248	0	412,248
\$3,084,603	\$189,460	\$3,274,063	\$165,207	\$3,439,270	\$362,376	\$3,801,646	\$75,076	\$3,876,722

Municipal Fire Protection (Fund #5):

Personnel
 Supplies & Expenses
 Other Services & Charges
 Capital Outlays
 Principal Payments
 Interest Payments
 Total - Municipal Fire Prot. Fund

\$0		\$0		\$0		\$0		\$0
69,386		69,386		\$69,386		69,386		69,386
26,970		26,970		\$26,970		26,970		26,970
179,000	4,535	183,535		\$183,535		183,535		183,535
353,057		353,057		\$353,057		353,057		353,057
15,569		15,569		\$15,569		15,569		15,569
\$643,982	\$4,535	\$648,517	\$0	\$648,517	\$0	\$648,517	\$0	\$648,517

Special Streets (Fund #8):

CITY OF HATTIESBURG, MS
Analysis of Expenditure Budgets - Funds Other Than General
Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/April Amend'ts	Proposed Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	7		7		\$7		7	-7	0
Other Services & Charges	60,925	118,365	179,290		\$179,290		179,290		179,290
Capital Outlays	0		0		\$0		0		0
Total - Special Streets	\$60,932	\$118,365	\$179,297	\$0	\$179,297	\$0	\$179,297	-\$7	\$179,290

Water & Sewer Operation & Maint. (Fund #9):

Customer Accounts Cost Center									
Personnel	\$462,123		\$462,123		\$462,123		\$462,123	\$4,000	\$466,123
Supplies & Expenses	36,300	297	36,597		\$36,597		36,597		36,597
Other Services & Charges	141,200	75	141,275		\$141,275		141,275	-4,000	137,275
Capital Outlays	0		0		\$0		0		0
Total - Customer Accounts	\$639,623	\$372	\$639,995	\$0	\$639,995	\$0	\$639,995	\$0	\$639,995

Water Transmission Cost Center

Personnel	\$812,656		\$812,656		\$812,656		\$812,656		\$812,656
Supplies & Expenses	240,776	1,245	242,021	5,000	\$247,021	35,216	282,237	30,000	312,237
Other Services & Charges	776,000	10,994	786,994	5,000	\$791,994	267,502	1,059,496	233,139	1,292,635
Capital Outlays	0		0		\$0	45,000	45,000	-2,800	42,200
Total - Water Trans.	\$1,829,432	\$12,239	\$1,841,671	\$10,000	\$1,851,671	\$347,718	\$2,199,389	\$260,339	\$2,459,728

Plant Cost Center

Personnel	\$633,558		\$633,558		\$633,558		\$633,558		\$633,558
Supplies & Expenses	132,400	1,200	133,600	15,000	\$148,600	8,150	156,750	21,000	177,750
Other Services & Charges	1,062,899	44,056	1,106,955	235,000	\$1,341,955	348,830	1,690,785	18,200	1,708,985
Capital Outlays	0	156,000	156,000		\$156,000	50,000	206,000	-18,200	187,800
Total - Plant	\$1,828,857	\$201,256	\$2,030,113	\$250,000	\$2,280,113	\$406,980	\$2,687,093	\$21,000	\$2,708,093

Sewer Cost Center

Personnel	\$768,045		\$768,045		\$768,045		\$768,045		\$768,045
Supplies & Expenses	307,100		307,100		\$307,100	51,019	358,119		358,119
Other Services & Charges	1,332,660		1,332,660	4,000	\$1,336,660	25,141	1,361,801	279,050	1,640,851
Capital Outlays	0		0		\$0	12,000	12,000		12,000
Total - Water Trans.	\$2,407,805	\$0	\$2,407,805	\$4,000	\$2,411,805	\$88,160	\$2,499,965	\$279,050	\$2,779,015

Lagoon Cost Center

Personnel	\$297,156		\$297,156		\$297,156		\$297,156		\$297,156
Supplies & Expenses	372,100	623	372,723		\$372,723	3,166	375,889	280,000	655,889
Other Services & Charges	1,773,820	30,825	1,804,645	6,000	\$1,810,645	201,209	2,011,854	310,000	2,321,854
Capital Outlays	12,000		12,000		\$12,000		12,000		12,000

CITY OF HATTIESBURG, MS
Analysis of Expenditure Budgets - Funds Other Than General
Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/April Amend'ts	Proposed Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Principal Payments	0		0				0		0
Interest Payments	0		0		\$0		0		0
Total - Lagoon Cost Center	\$2,455,076	\$31,448	\$2,486,524	\$6,000	\$2,492,524	\$204,375	\$2,696,899	\$590,000	\$3,286,899

Recap: Water & Sewer O & M Fund:

Personnel	\$2,973,538	\$0	\$2,973,538	\$0	\$2,973,538	\$0	\$2,973,538	\$4,000	\$2,977,538
Supplies & Expenses	1,088,676	3,365	1,092,041	20,000	\$1,112,041	97,551	\$1,209,592	331,000	\$1,540,592
Other Services & Charges	5,086,579	85,950	5,172,529	250,000	\$5,422,529	842,682	\$6,265,211	836,389	\$7,101,600
Capital Outlays	12,000	156,000	168,000	0	\$168,000	107,000	\$275,000	-21,000	\$254,000
Principal Payments	0	0	0	0	\$0	0	\$0	0	\$0
Interest Payments	0	0	0	0	\$0	0	\$0	0	\$0
Total - Water & Sewer O & M Fund	\$9,160,793	\$245,315	\$9,406,108	\$270,000	\$9,676,108	\$1,047,233	\$10,723,341	\$1,150,389	\$11,873,730

Water & Sewer Bond & Int. (Fund #10):

Principal Payments	\$4,805,000		\$4,805,000		\$4,805,000		\$4,805,000		\$4,805,000
Interest Payments	\$2,595,800		\$2,595,800		\$2,595,800		\$2,595,800		\$2,595,800
Paying Agent Fees	\$13,000		\$13,000		\$13,000		\$13,000		\$13,000
Total - W & S Bond & Int. Fund	\$7,413,800	\$0	\$7,413,800	\$0	\$7,413,800	\$0	\$7,413,800	\$0	\$7,413,800

Water & Sewer Revenue (Fund #11):

Principal Payments	\$173,772		\$173,772		\$173,772		\$173,772		\$173,772
Interest Payments	8,763		8,763		\$8,763		8,763		8,763
Other services & charges	29,900		29,900		\$29,900		29,900		32,900
Transfers to other funds	19,031,000		19,031,000		\$19,031,000		19,031,000	2,984,055	22,015,055
Total - W & S Revenue Fund	\$19,243,435	\$0	\$19,243,435	\$0	\$19,243,435	\$0	\$19,243,435	\$2,987,055	\$22,230,490

1999 Tax Increment (Walmart) Bond & Int (Fund #12):

Principal Payments	\$0		\$0		\$0		\$0		\$0
Interest Payments	0		0		\$0		\$0		0
Paying Agent Fees	0		0		\$0		\$0		0
Total - 1999 TIF Bond & Int Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

City Bond & Interest (Fund #13):

Principal Payments	\$1,935,000		\$1,935,000		\$1,935,000		\$1,935,000		\$1,935,000
Interest Payments	273,200		273,200		\$273,200		273,200		273,200
Other Services & Charges	39,000		39,000		\$39,000		39,000		39,000
Paying Agent Fees	15,000		15,000		\$15,000		15,000		15,000
Total - 1999 TIF Bond & Int Fund	\$2,262,200	\$0	\$2,262,200	\$0	\$2,262,200	\$0	\$2,262,200	\$0	\$2,262,200

USA Yeast Bond & Interest (Fund #15):

CITY OF HATTIESBURG, MS
Analysis of Expenditure Budgets - Funds Other Than General
Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/April Amend'ts	Proposed Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Principal Payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Interest Payments	0	0	0	0	0	0	0	0	0
Transfers Out	0	0	0	0	0	0	0	0	0
other services & charges	0	0	0	0	0	0	0	0	0
Total - 1999 TIF Bond & Int Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Police Fines & Forfeitures (Fund #19):

Personnel	\$0			\$0		\$0		\$0	
Supplies & Expenses	37,000	4,441	41,441		\$41,441		41,441		41,441
Other Services & Charges	26,600		26,600		\$26,600		26,600		26,600
Capital Outlays	100,000	8,917	108,917		\$108,917		108,917		108,917
Transfers	0		0		\$0		0		0
Total - Fines & Forf. Fund	\$163,600	\$13,358	\$176,958	\$0	\$176,958	\$0	\$176,958	\$0	\$176,958

Series 2002 TIF Bond & Int (Southern Pointe, Fund #20):

Principal Payments	\$135,000		\$135,000		\$135,000		\$135,000		\$135,000
Interest Payments	110,702		110,702		\$110,702		110,702		110,702
other services & charges	2,000		2,000		\$2,000		2,000		2,000
Total - 1999 TIF Bond & Int Fund	\$247,702	\$0	\$247,702	\$0	\$247,702	\$0	\$247,702	\$0	\$247,702

Series 2004 TIF Bond & Int (Home Depot, Fund #21):

Principal Payments	\$0		\$0		\$0		\$0		\$0
Interest Payments	0		0		\$0		0		0
other services & charges	0		0		\$0		0		0
Total - 2004 TIF Bond & Int Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Series 2003 TIF Bond & Int (Chauvet Sq., Fund #22):

Principal Payments	\$115,000		\$115,000		\$115,000		\$115,000		\$115,000
Interest Payments	77,318		77,318		\$77,318		77,318		77,318
other services & charges	2,000		2,000		\$2,000		2,000		2,000
Transfers to other Funds	0		0		\$0		0		0
Total - 2003 TIF Bond & Int Fund	\$194,318	\$0	\$194,318	\$0	\$194,318	\$0	\$194,318	\$0	\$194,318

Series 2007 TIF Bond & Int (Turtle Creek Fund 23):

Principal Payments	355,000		355,000		\$355,000		355,000		355,000
Interest Payments	92,283		92,283		\$92,283		92,283		92,283
Other Services & Charges	3,500		3,500		\$3,500		3,500		3,500
Total - 2007 TIF Bond & Int Fund	\$450,783	\$0	\$450,783	\$0	\$450,783	\$0	\$450,783	\$0	\$450,783

Series 2008 TIF Bond & Int (Lincoln Center Fund 24):

CITY OF HATTIESBURG, MS
Analysis of Expenditure Budgets - Funds Other Than General
Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/April Amend'ts	Proposed Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Principal Payments	\$40,000		40,000		\$40,000		40,000		40,000
Interest Payments	\$13,200		13,200		\$13,200		13,200		13,200
Other Services & Charges	\$1,000		1,000		\$1,000		1,000		1,000
Total - 2008 TIF Bond & Int Fund	\$54,200	\$0	\$54,200	\$0	\$54,200	\$0	\$54,200	\$0	\$54,200

Series 2011 TIF Bond & Int (Turtle Creek Commons/Kohl's Fund 25):

Principal Payments	\$70,000		70,000		\$70,000		70,000		70,000
Interest Payments	\$19,500		19,500		\$19,500		19,500		19,500
Other Services & Charges	\$2,000		2,000		\$2,000		2,000		2,000
Total - 2008 TIF Bond & Int Fund	\$91,500	\$0	\$91,500	\$0	\$91,500	\$0	\$91,500	\$0	\$91,500

Series 22016 TIF Bond & Int (Whispering Pines Fund 26):

Principal Payments	0		0		\$0		0	\$153,000	153,000
Interest Payments	0		0		\$0		0	\$126,733	126,733
Other Services & Charges	0		0		\$0		0	\$1,300	1,300
Total - 2008 TIF Bond & Int Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$281,033	\$281,033

Series 2016 TIF Bond & Int (Hburg Clinic Midtown Fund 28):

Principal Payments	0		0		\$0		0	\$42,000	42,000
Interest Payments	0		0		\$0		0	\$28,385	28,385
Other Services & Charges	0		0		\$0		0	\$0	0
Total - 2008 TIF Bond & Int Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,385	\$70,385

Airport Imp. (Fund #39):

Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	0		0		\$0	35,000	35,000		35,000
Capital Outlays	1,380,000		1,380,000		\$1,380,000		1,380,000	-397,251	982,749
Total - Airport Imp. Fund	\$1,380,000	\$0	\$1,380,000	\$0	\$1,380,000	\$35,000	\$1,415,000	-\$397,251	\$1,017,749

**Series 2015A TIF Bond & Int (The Ridge at Turtle Creek)
(Fund #50)**

Principal Payments	70,000		70,000		70,000		70,000	-10,000	60,000
Interest Payments	77,000		77,000		77,000		77,000	-11,275	65,725
Paying Agent Fees	2,000		2,000		2,000		2,000		2,000
Other Services & Charges	0		0		0		0		0
Total - 2007 G.O. Refunding	\$149,000	\$ -	\$149,000	\$ -	\$149,000	\$ -	\$149,000	\$(21,275)	\$127,725

**Series 2015B TIF Bond & Int (Midtown Market)
(Fund #51)**

CITY OF HATTIESBURG, MS
Analysis of Expenditure Budgets - Funds Other Than General
Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/April Amend'ts	Proposed Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Principal Payments			0		0		0	10,000	10,000
Interest Payments			0		0		0	11,275	11,275
Paying Agent Fees			0		0		0	1,940	1,940
Other Services & Charges			0		0		0		0
Total - 2007 G.O. Refunding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,215	\$ 23,215

Municipal Road & Bridge (Fund #72):									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	875,000	880,406	1,755,406		\$1,755,406		1,955,406		1,955,406
Capital Outlays	4,672,520		4,672,520	516,665	\$5,189,185	200,000	5,344,185	262,279	5,606,464
Principal	0		0		\$0		0		0
Interest	0		0		\$0		0		0
Total - Municipal Road & Bridge	\$5,547,520	\$880,406	\$6,427,926	\$516,665	\$6,944,591	\$355,000	\$7,299,591	\$262,279	\$7,561,870

Mass Transit (Fund #73):									
Personnel	\$827,011	\$18,056	\$845,067	\$96,135	\$941,202		\$941,202	\$0	\$941,202
Supplies & Expenses	214,300	1,200	215,500		\$215,500		215,500		215,500
Other Services & Charges	517,350	35,704	553,054		\$553,054		553,054	10,000	563,054
Capital Outlays	386,318	0	386,318		\$386,318	615,566	1,001,884	-156,465	845,419
Total - Mass Transit Fund	\$1,944,979	\$54,960	\$1,999,939	\$96,135	\$2,096,074	\$615,566	\$2,711,640	-\$146,465	\$2,565,175

Water & Sewer Construction (Fund #75):									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	400,100		400,100		\$400,100	1,100,000	1,500,100	388,000	1,888,100
Transfers								4,625,000	4,625,000
Capital Outlays	2,250,000		2,250,000		\$2,250,000		2,250,000	1,060,600	3,310,600
Total - W & S Construction Fund	\$2,650,100	\$0	\$2,650,100	\$0	\$2,650,100	\$1,100,000	\$3,750,100	\$6,073,600	\$9,823,700

Community Centers (Fund #77):									
Personnel	\$551,678		\$551,678		\$551,678		\$551,678	\$10,000	\$561,678
Supplies & Expenses	67,050		67,050		\$67,050		67,050		67,050
Other Services & Charges	175,010		175,010		\$175,010		175,010		175,010
Capital Outlays	0	5,400	5,400		\$5,400	124,750	130,150		130,150
Total - Community Centers Fund	\$793,738	\$5,400	\$799,138	\$0	\$799,138	\$124,750	\$923,888	\$10,000	\$933,888

Community Dev. Block Grant (Fund #82):									
Personnel	\$168,760		\$168,760		\$168,760		\$168,760	\$3,078	\$171,838
Supplies & Expenses	5,600		5,600		\$5,600		5,600		5,600

CITY OF HATTIESBURG, MS
Analysis of Expenditure Budgets - Funds Other Than General
Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/April Amend'ts	Proposed Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Other Services & Charges	106,017		106,017	468,000	\$106,017	10,000	116,017	3,922	119,939
Capital Outlays	466,194		466,194		\$934,194	-60,000	874,194		874,194
Transfers	0		0		\$0		0		0
Total - CDBG Fund	\$746,571	\$0	\$746,571	\$468,000	\$1,214,571	-\$50,000	\$1,164,571	\$7,000	\$1,171,571

Series 2009 G.O. Bonds - AMR Project (Fund #78)

Supplies	\$0		0		\$0		0		0
Other Services & Charges	\$0		0		\$0		0		0
Transfers Out	\$0		0		\$0		0		0
Capital Outlay	0		0		\$0		0		0
Total - Series 2009 G.O. Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Public Safety/Recreation Construction (Fund #88):

Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	2,800,000		2,800,000		\$2,800,000		2,800,000		2,800,000
Capital Outlays	22,200,000		22,200,000		\$22,200,000		22,200,000		22,200,000
Transfers to other Funds	0		0		\$0		0		0
Total - Series 2002 Const. Fund	\$25,000,000	\$0	\$25,000,000	\$0	\$25,000,000	\$0	\$25,000,000	\$0	\$25,000,000

MDA Energy Efficiency Capital Projects (Fund 89):

Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	3,000		3,000		\$3,000		3,000		3,000
Capital Outlays	2,172,000	263,738	2,435,738		\$2,435,738		2,435,738		2,435,738
Transfers	0		0		\$0		0		0
Total - Series 2004 Const. Fund	\$2,175,000	\$263,738	\$2,438,738	\$0	\$2,438,738	\$0	\$2,438,738	-\$3,000	\$2,435,738

Series 2008 G.O. Note (Downtown Lighting)(Fund # 90):

Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	0		0		\$0		0		0
Capital Outlays	0		0		\$0		0		0
Transfers	0		0		\$0		0		0
Total - Series 2004 Const. Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

TIF Construction (Fund # 91):

Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	0		0		\$0		0		0

CITY OF HATTIESBURG, MS
Analysis of Expenditure Budgets - Funds Other Than General
Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/April Amend'ts	Proposed Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Capital Outlays	0		0				0	211,591	211,591
Transfers	0		0				0	211,591	211,591
Total - Series 2004 Const. Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$211,591	\$211,591

Series 2001 G.O. Bond Construction (Fund # 95):

Personnel	\$0		\$0				\$0		\$0
Supplies & Expenses	0		0			\$0	0		0
Other Services & Charges	0		0			\$0	0		0
Capital Outlays	173		173			\$173	173	-173	0
Transfers	0		0			\$0	0	173	173
Total - Series 2001 Const. Fund	\$173	\$0	\$173	\$0	\$173	\$173	\$173	\$0	\$173

Mississippi Dev. Bank Construction (Fund # 96):

Personnel	\$0		\$0				\$0		\$0
Supplies & Expenses	0		0			\$0	0		0
Other Services & Charges	0		0			\$0	0		0
Transfers						\$0	0		0
Capital Outlays	0		0			\$0	0		0
Total - MDB Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Kemper Park Imp. (Fund #98):

Personnel	\$0		\$0				\$0		\$0
Supplies & Expenses	0		0			\$0	0		0
Other Services & Charges	0		0			\$0	0		0
Capital Outlays	2,238		2,238			\$2,238	2,238		2,238
Total - Kemper Park Imp. Fund	\$2,238	\$0	\$2,238	\$0	\$2,238	\$2,238	\$2,238	\$0	\$2,238

Series 2010 Water & Sewer G.O. Constr. (Fund #99):

Personnel									
Supplies & Expenses						\$0	0		0
Other Services & Charges						\$0	0		0
Capital Outlay	\$0		0			\$0	0		0
Transfers out	\$0		0			\$0	\$0		\$0
Total - Series 2010 Constr.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Series 2013 Water & Sewer Revenue Constr. (Fund #105):

Personnel							0		0
Supplies & Expenses						\$0	0		0

CITY OF HATTIESBURG, MS
Analysis of Expenditure Budgets - Funds Other Than General
Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/April Amend'ts	Proposed Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Other Services & Charges	\$0	\$740,672	740,672		\$740,672		740,672	-\$172,281	568,391
Capital Outlay	\$750,000	\$596,110	1,346,110		\$1,346,110		1,346,110	\$400,392	1,746,502
Transfers			0		\$0		0		0
Total - Series 2013 Constr.	\$750,000	\$1,336,782	\$2,086,782	\$0	\$2,086,782	\$0	\$2,086,782	\$228,111	\$2,314,893

Series 2016 Water & Sewer Taxable Bonds Constr. (Fund #93):

Personnel			0		\$0		0		0
Supplies & Expenses			0		\$0		0		0
Other Services & Charges	\$0	\$1,314,000	1,314,000		\$1,314,000		1,314,000		1,314,000
Capital Outlay	\$0	\$23,686,000	23,686,000		\$23,686,000		23,686,000		23,686,000
Transfers		\$0	0		\$0		0		0
Total - Series 2016 Constr.	\$0	\$25,000,000	\$25,000,000	\$0	\$25,000,000	\$0	\$25,000,000	\$0	\$25,000,000

Series 2012 Water & Sewer Const. (Fund #94):

Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	0		0		\$0		0		0
Capital Outlays	21,244		21,244		\$21,244		21,244		-21,244
Transfers Out	0		0		\$0		0		0
Total - Series 2012 Const.	\$21,244	\$0	\$21,244	\$0	\$21,244	\$0	\$21,244	-\$21,244	\$0

GRAND TOTAL - FUNDS OTHER THAN THE GENERAL FUND

General Fund	\$84,232,411	\$28,112,319	\$112,344,730	\$1,516,007	\$113,860,737	\$3,589,925	\$117,450,662	\$10,790,492	\$128,241,154
TOTAL EXPENDITURES & TRANSFERS	\$49,124,882	\$1,489,352	\$50,614,234	\$868,255	\$51,482,489	\$3,216,652	\$54,699,141	\$4,735,719	\$59,434,860
	\$133,357,293	\$29,601,671	\$162,958,964	\$2,384,262	\$165,343,226	\$6,806,577	\$172,149,803	\$15,526,211	\$187,676,014
Less: Interfund Transfers	-22,491,000	0	-22,491,000	0	-22,491,000	0	-22,491,000	-7,820,819	-30,311,819
TOTAL EXPENDITURES	\$110,866,293	\$29,601,671	\$140,467,964	\$2,384,262	\$142,852,226	\$6,806,577	\$149,658,803	\$7,705,392	\$157,364,195

Recap of City-Wide Expenditure Budgets:

Personnel	\$37,302,416	\$209,596	\$37,512,012	\$96,135	\$37,608,147	\$62,935	\$37,671,082	\$708,910	\$38,379,992
Supplies & Expenses	\$4,619,298	\$51,345	\$4,670,643	\$157,180	\$4,827,823	\$180,335	\$5,008,158	\$446,815	\$5,454,973
Other Services & Charges	\$21,542,254	\$4,058,966	\$25,601,220	\$783,175	\$26,384,395	\$4,649,819	\$31,034,214	\$2,661,249	\$33,695,463
Capital Outlays	\$35,089,637	\$25,281,764	\$60,371,401	\$1,344,772	\$61,716,173	\$1,913,488	\$63,629,661	\$3,334,586	\$66,964,247
Principal Payments	8,642,479	0	8,642,479	3,000	8,645,479	0	8,645,479	195,000	8,840,479
Interest Payments	3,670,209	0	3,670,209	0	3,670,209	0	3,670,209	358,832	4,029,041
Total Expenditure Budgets	\$110,866,293	\$29,601,671	\$140,467,964	\$2,384,262	\$142,852,226	\$6,806,577	\$149,658,803	\$7,705,392	\$157,364,195

RESOLUTION

WHEREAS, the Mayor and City Council of the City of Hattiesburg, Mississippi, have determined that expenditures within the City will exceed the original budget appropriation; and

WHEREAS, the additional appropriation needed is in excess of ten percent (10%) of the original appropriation, and in accordance with Section 21-35-25 of the Mississippi Code of 1972, as amended, shall be published;

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HATTIESBURG:

Section 1. That the following budget amendments are hereby authorized to be made in the City's General Fund General Government Supplies Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$224,455	\$60,444	\$284,899	Adjust for prior yr purchase orders, tornado expenses, court utilities and bldg repairs, budget MPO grant, copier supplies

Section 2. That the following budget amendments are hereby authorized to be made in the City's General Fund General Government Other Services & Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$4,559,876	\$818,433	\$5,378,309	Adjust for prior yr purchase orders; tornado expenses; grants; network charges; insurance premium increase

Section 3. That the following budget amendments are hereby authorized to be made in the City's General Fund General Government Capital Outlay Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$328,700	\$764,629	\$1,093,329	Mun.Court renovation; generator at Depot; church demolition

Section 4. That the following budget amendments are hereby authorized to be made in the City's General Fund Police Supplies Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$487,536	\$157,282	\$644,818	Prior yr purchase orders, Byrne Grant, BPV Grant, minor equipment; fuel; vehicle repair parts

Section 5. That the following budget amendments are hereby authorized to be made in
the City's General Fund Police Other Services & Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$397,311	\$87,079	\$484,390	Budget for phone system; utilities; vehicle repairs

Section 6. That the following budget amendments are hereby authorized to be made in
the City's General Fund Police Capital Outlays Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$169,250	\$1,067,394	\$1,236,644	Prior yr purchase orders; body cameras; fingerprint system; entry team equipment; patrol vehicles

Section 7. That the following budget amendments are hereby authorized to be made in
the City's General Fund Police & Fire Training Capital Outlays Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$0	\$33,000	\$33,000	Budget for vehicle purchase

Section 8. That the following budget amendments are hereby authorized to be made in
the City's General Fund Fire Capital Outlays Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$0	\$236,103	\$236,103	Budget for Airpack harnesses; portable bldg.; furniture for fire halls

Section 9. That the following budget amendments are hereby authorized to be made in
the City's General Fund Public Services Other Services & Charges Unappropriated Fund
Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$3,025,856	\$4,239,363	\$7,265,219	Prior yr purchase orders; paving; tornado expenses; debris removal costs

Section 10. That the following budget amendments are hereby authorized to be made in
the City's General Fund Public Services Capital Outlays Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$0	\$1,515,417	\$1,515,417	Budget for capital requests; NRCS grant; Gordon's Creek drainage project

Section 11. That the following budget amendments are hereby authorized to be made in
the City's General Fund Economic Development Other Services & Charges Unappropriated
Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$230,000	\$25,000	\$255,000	Budget contribution from Forrest County for downtown association

Section 12. That the following budget amendments are hereby authorized to be made in
the City's General Fund Debt Service Interest Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$386,874	\$203,714	\$590,588	Budget debt service on Johnson Controls energy performance costs

Section 13. That the following budget amendments are hereby authorized to be made in
the City's Parks and Recreation Other Services and Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$808,799	\$285,465	\$1,094,264	Budget for prior yr purchase orders, tornado expenses, repairs to tennis courts, fountain; electrical repairs; equipment rental

Section 14. That the following budget amendments are hereby authorized to be made in the
City's Water & Sewer Operations & Maintenance Supplies Unappropriated
Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$1,088,676	\$451,916	\$1,540,592	Prior yr open purchase orders; tornado expenses; fuel; plumbing supplies; chemicals for lagoon

Section 15. That the following budget amendments are hereby authorized to be made in the
City's Water & Sewer Operations & Maintenance Other Services and Charges Unappropriated
Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$5,086,579	\$2,015,021	\$7,101,600	Prior yr purchase orders; Tornado Expense; increase lagoon maintenance budget; water & sewer line repairs

Section 16. That the following budget amendments are hereby authorized to be made in the City's Water & Sewer Fund Other Services & Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$29,900	\$3,000	\$32,900	Adjust budget for paying agent fee

Section 17. That the following budget amendments are hereby authorized to be made in the City's Water & Sewer Fund Transfers Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$19,031,000	\$2,984,055	\$22,015,055	Adjust transfers to operating funds

Section 18. That the following budget amendments are hereby authorized to be made in the City's TIF Bond & Interest Fund (Whispering Pines) Principal Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$153,000	\$153,000	Budget principal pmt on debt service

Section 19. That the following budget amendments are hereby authorized to be made in the City's TIF Bond & Interest Fund (Whispering Pines) Interest Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$126,733	\$126,733	Budget interest pmt on debt service

Section 20. That the following budget amendments are hereby authorized to be made in the City's TIF Bond & Interest Fund (Whispering Pines) Other Services & Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$1,300	\$1,300	Budget paying agent fee on debt service

Section 21. That the following budget amendments are hereby authorized to be made in the City's TIF Bond & Interest Fund (Hattiesburg Clinic Midtown) Principal Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$42,000	\$42,000	Budget principal pmt on debt service

Section 22. That the following budget amendments are hereby authorized to be made in the
City's TIF Bond & Interest Fund (Hattiesburg Clinic Midtown) Interest Unappropriated

Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$28,385	\$28,385	Budget interest pmt on debt service

Section 23. That the following budget amendments are hereby authorized to be made in the
City's TIF Bond & Interest Fund (Midtown Market) Principal Unappropriated

Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$10,000	\$10,000	Budget principal pmt on debt service

Section 24. That the following budget amendments are hereby authorized to be made in the
City's TIF Bond & Interest Fund (Midtown Market) Interest Unappropriated

Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$11,275	\$11,275	Budget interest pmt on debt service

Section 25. That the following budget amendments are hereby authorized to be made in the
City's TIF Bond & Interest Fund (Midtown Market) Other Services & Charges Unappropriated

Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$1,940	\$1,940	Budget paying agent fee on debt service

Section 26. That the following budget amendments are hereby authorized to be made in
the City's Municipal Road & Bridge Fund Capital Outlay Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$4,672,520	\$933,944	\$5,606,464	Lincoln & Hegwood Rd project; Mamie St relocation

Section 27. That the following budget amendments are hereby authorized to be made in
the City's Water & Sewer Construction Fund Other Services & Charges Unappropriated Fund

Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$400,100	\$1,488,000	\$1,888,100	Engineering costs on bond projects and storm drainage study

Section 28. That the following budget amendments are hereby authorized to be made in
the City's Water & Sewer Construction Fund Transfers Unappropriated Fund

Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$4,625,000	\$4,625,000	Budget transfers to operating funds and debt service

Section 29. That the following budget amendments are hereby authorized to be made in
the City's Water & Sewer Construction Fund Capital Outlay Unappropriated Fund

Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$2,250,000	\$1,060,600	\$3,310,600	Budget for 31 st Ave drainage and sewer project; Runnels Rd loop water line

Section 30. That the following budget amendments are hereby authorized to be made in
the City's CDBG Fund Other Services & Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$106,017	\$13,922	\$119,939	Adjust budget for professional services

Section 31. That the following budget amendments are hereby authorized to be made in
the City's TIF Construction Fund Transfers Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$211,591	\$211,591	Transfer residual funds to debt service funds

Section 32. That the following budget amendments are hereby authorized to be made in
the City's Series 2013 Water & Sewer Bonds Construction Fund Capital Outlay Unappropriated
Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$750,000	\$996,502	\$1,746,502	Adjust budgets for various construction projects

Section 33. That public interest and necessity requiring same, this resolution shall become
effective immediately from and after passage, but nevertheless to be published according to law.

The above and foregoing Resolution, after having been first reduced to writing, was
introduced by Councilperson _____, seconded by Councilperson
_____, and was adopted by the following, to wit;

YEAS:

NAYS:

The President thereby declared the motion carried and the Resolution adopted, this the 22nd day of August, 2017.

(S E A L)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

GENERAL FUND:

REVENUES & BEG. CASH:

Taxes - Other	\$35,000
Licenses & Permits	4,498,800
Inter-governmental Revenues:	
Federal Grants	4,163,427
State Grants	298,257
State-Shared Revenues	22,749,000
County Shared Revenues	58,948
Charges for Services:	
Public safety	197,000
Streets	1,500
Sanitation	2,206,000
Misc.	0
Fines & Forfeits	1,368,200
Miscellaneous	298,578
Transfers-In	543,000
Non-Revenue Receipts	2,162,156
Total From All Sources	
Other Than taxation	38,579,866
Beginning Cash and	
Investment Balance	8,127,758
Amount to be Raised by Tax Levy	15,000,000
TOTAL FROM ALL SOURCES	\$61,707,624

EXPENDITURES & ENDING CASH:

General Government:	
Personnel	4,551,835
Supplies & Expenses	284,899
Other services & Charges	5,378,309
Capital Outlays	1,093,329
Total - General Government	11,308,372
Police Dept.:	
Personnel	10,837,305
Supplies & Expenses	644,818
Other services & Charges	484,390
Capital Outlays	1,236,644
Total - Police Dept.	13,203,157
Police & Fire Training:	
Personnel	36,897
Supplies & Expenses	114,732
Other services & Charges	94,081
Capital Outlays	33,000
Total - Police & Fire Training	278,710
Fire Dept.:	
Personnel	7,710,399
Supplies & Expenses	321,913
Other services & Charges	292,231
Capital Outlays	236,103
Total - Fire Dept.	8,560,646
Land Development Administration:	
Personnel	602,464
Supplies & Expenses	29,939
Other services & Charges	161,195
Capital Outlays	0
Total - Land Dev. Admin.	793,598

Public Safety Contractual Services:	
Personnel	221,800
Other services & Charges	1,201,000
Total - Pub. Safety Cont. Serv.	<u>1,422,800</u>
Public Services:	
Personnel	6,641,103
Supplies & Expenses	1,474,861
Other services & Charges	7,265,219
Capital Outlays	1,515,417
Total - Public Services	<u>16,896,600</u>
Animal Control	
Personnel	157,355
Supplies & Expenses	14,800
Other services & Charges	133,235
Capital Outlays	0
Total - Animal Control	<u>305,390</u>
Human/Social	
Other services & Charges	249,880
Total - Human/Social	<u>249,880</u>
Economic Development	
Personnel	
Supplies & Expenses	
Other services & Charges	255,000
Capital Outlays	0
Total - Eco. Dev.	<u>255,000</u>
Debt Service:	
Principal Payments	593,650
Interest Payments	590,588
Total - Debt service	<u>1,184,238</u>
Airport	
Personnel	82,325
Supplies & Expenses	38,200
Other services & Charges	85,958
Capital Outlays	0
Total - Airport	<u>206,483</u>
Cemetery	
Personnel	774,843
Supplies & Expenses	84,950
Other services & Charges	61,351
Capital Outlays	71,000
Total - Cemetery	<u>992,144</u>
Parking Garages	
Personnel	238,402
Supplies & Expenses	9,090
Other services & Charges	70,350
Capital Outlays	0
Total - Parking Garages	<u>317,842</u>
Operating Transfers Out	3,460,000
Total Expenditures & Transfers	<u>59,434,860</u>
Ending Cash Balance	<u>\$2,272,764</u>
TOTAL EXPENDITURES AND ENDING CASH BALANCE	<u><u>\$61,707,624</u></u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

PARKS & RECREATION FUND:

REVENUES & BEG. CASH:

Inter-governmental Revenues:	
Federal Grants	\$132,585
State Grants	0
County Shared Revenues	0
Misc. grants	7,000
Charges for Services:	
Culture & Recreation	30,340
Miscellaneous	51,430
Transfers-In	2,240,000
Non-Revenue Receipts	0
Total From All Sources	
Other Than taxation	2,461,355
Beginning Cash and	
Investment Balance	620,798
Amount to be Raised by Tax Levy	848,791
TOTAL FROM ALL SOURCES	\$3,930,944

EXPENDITURES & ENDING CASH:

Culture & Recreation:	
Personnel	1,873,008
Supplies & Expenses	497,202
Other services & Charges	1,094,264
Capital Outlays	412,248
Total Expenditures	\$3,876,722
Cash balance at End of Year	54,222
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$3,930,944

CITY OF HATTIESBURG, MISSISSIPPI
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For the Fiscal Year Ending September 30, 2017

MUNICIPAL FIRE PROTECTION FUND:

REVENUES & BEG. CASH:

Inter-governmental Revenues:	
State-Shared Revenues	\$235,000
Charges for Services	95,652
Fines & Forfeits	1,500
Miscellaneous	5,000
Transfers In	0
Non-Revenue Receipts	0
Total From All Sources	
Other Than taxation	<u>337,152</u>
Beginning Cash and	
Investment Balance	<u>910,048</u>
TOTAL FROM ALL SOURCES	<u><u>\$1,247,200</u></u>

EXPENDITURES & ENDING CASH:

Public Safety:	
Personnel	\$0
Supplies & Expenses	69,386
Other services & Charges	26,970
Capital Outlays	183,535
Lease Debt Service - Principal	353,057
Lease Debt Service - Interest	15,569
Total Expenditures	<u>\$648,517</u>
Cash balance at End of Year	<u>598,683</u>
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	<u><u>\$1,247,200</u></u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

SPECIAL STREET
SPECIAL REVENUE FUND:

REVENUES & BEG. CASH:

Inter-governmental Revenues:

Federal Grants	\$0
State Shared Revenues	45,000
Misc. grants	0
Miscellaneous	500
Non-Revenue Receipts	<u>0</u>
Total From All Sources	
Other Than taxation	<u>45,500</u>
Beginning Cash and	
Investment Balance	133,790
TOTAL FROM ALL SOURCES	<u><u>\$179,290</u></u>

EXPENDITURES & ENDING CASH:

Public Services:

Supplies & Expenses	0
Other services & Charges	179,290
Capital Outlays	<u>0</u>
Total Expenditures	<u>\$179,290</u>
Cash balance at End of Year	<u>0</u>
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	<u><u>\$179,290</u></u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
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**WATER & SEWER OPERATION
AND MAINTENANCE FUND:**

REVENUES & BEG. CASH:

Charges for Services	\$25,000
Transfers-In	9,975,000
Miscellaneous	2,500
Non-Revenue Receipts	250,000
Total From All Sources	<u>10,252,500</u>
Other Than taxation	<u>10,252,500</u>
Beginning Cash and Investment Balance	1,626,981
TOTAL FROM ALL SOURCES	<u><u>\$11,879,481</u></u>

EXPENDITURES & ENDING CASH:

Personnel	2,977,538
Supplies & Expenses	1,540,592
Other services & Charges	7,101,600
Capital Outlays	254,000
Lease Debt Service - Principal	0
Lease Debt Service - Interest	0
Total Expenditures	<u>\$11,873,730</u>
Cash balance at End of Year	<u>5,751</u>
TOTAL EXPENDITURES AND ENDING CASH BALANCE	<u><u>\$11,879,481</u></u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

**WATER & SEWER BOND
AND INTEREST FUND:**

REVENUES & BEG. CASH:

Transfers-In	\$11,431,000
Miscellaneous	0
Non-Revenue Receipts	
Total Revenues	<u>11,431,000</u>
Beginning Cash Balance	<u>7,011,723</u>
TOTAL FROM ALL SOURCES	<u><u>\$18,442,723</u></u>

EXPENDITURES & ENDING CASH:

Bonds Redeemed	4,805,000
Interest on Bonds	2,595,800
Paying Agent Fees	13,000
Total Expenditures	<u>7,413,800</u>
Cash balance at End of Year	<u>11,028,923</u>
TOTAL EXPENDITURES AND ENDING CASH BALANCE	<u><u>\$18,442,723</u></u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

WATER & SEWER ENTERPRISE FUND:

REVENUES & BEG. CASH:

Charges for Services:	
Licenses, Permits & Fees	\$4,000
Miscellaneous	3,500
Metered Water Sales	11,846,490
Taps	170,000
Water Turn-On Fees	50,000
Sewer Connections	40,000
Sewer Charges	10,116,500
Total Revenues	<u>22,230,490</u>
Beginning Fund Balance	<u>0</u>
TOTAL FROM ALL SOURCES	<u>\$22,230,490</u>

EXPENDITURES & ENDING CASH:

Other Services & Charges	32,900
Principal Redeemed - Notes	173,772
Interest on Notes	8,763
Operating Transfers Out	22,015,055
Total Expenditures	<u>\$22,230,490</u>
Cash balance at End of Year	<u>\$0</u>
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	<u>\$22,230,490</u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
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CITY BOND & INTEREST
FUND (DEBT SERVICE FUND):

REVENUES & BEG. CASH:

County-Shared Revenues	\$5,210
Interest	1,500
Non-Revenue receipts	215,630
Transfers-In	399,330
Total From All Sources	
Other Than taxation	621,670
Beginning Cash and	
Investment Balance	3,585,148
Amount to be Raised by Tax Levy	2,691,000
TOTAL FROM ALL SOURCES	\$6,897,818

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	1,935,000
Interest on Bonds	273,200
Other Services & Charges	39,000
Paying Agent Fees	15,000
Total Expenditures	\$2,262,200
Cash balance at End of Year	4,635,618
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$6,897,818

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
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FINES & FORFEITURES FUND:

REVENUES & BEG. CASH:

State grants	
Charges for Services	0
Fines & Forfeits	0
Miscellaneous	0
Non-Revenue Receipts	0
Total From All Sources	
Other Than taxation	0
Beginning Cash and	
Investment Balance	350,262
TOTAL FROM ALL SOURCES	\$350,262

EXPENDITURES & ENDING CASH:

Public Safety:	
Personnel	0
Supplies & Expenses	41,441
Other services & Charges	26,600
Capital Outlays	108,917
Transfers Out	0
Total Expenditures	\$176,958
Cash balance at End of Year	173,304
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$350,262

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

SERIES 2002 TIF BOND & INTEREST
FUND (Southern Pointe Project):

REVENUES & BEG. CASH:

Interest	\$0
<i>Transfers In</i>	\$0
County-Shared Revenues	153,691
Total From All Sources	
Other Than taxation	153,691
Beginning Cash and	
Investment Balance	198,995
Amount to be Raised by Tax Levy	153,691
TOTAL FROM ALL SOURCES	\$506,377

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	135,000
Interest on Bonds	110,702
Other Services & Charges	2,000
Total Expenditures	\$247,702
Cash balance at End of Year	258,675
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$506,377

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

SERIES 2003 TIF BOND & INTEREST
FUND (Chauvet Square Project):

REVENUES & BEG. CASH:

Interest	\$75
Transfer From Other Funds	0
Total From All Sources	
Other Than taxation	75
Beginning Cash and	
Investment Balance	106,505
Amount to be Raised by Tax Levy	282,127
TOTAL FROM ALL SOURCES	\$388,707

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	115,000
Interest on Bonds	77,318
Other Services & Charges	2,000
Transfers to Other Funds	0
Total Expenditures	\$194,318
Cash balance at End of Year	194,389
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$388,707

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

SERIES 2007 TIF BOND & INTEREST
FUND (Turtle Creek):

REVENUES & BEG. CASH:

Interest	\$115
County Shared Revenue	\$111,821
Transfer From Other Funds	
Total From All Sources	
Other Than taxation	111,936
Beginning Cash and	
Investment Balance	10,530
Amount to be Raised by Tax Levy	392,024
TOTAL FROM ALL SOURCES	\$514,490

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	355,000
Interest on Bonds	92,283
Other Services & Charges	3,500
Total Expenditures	\$450,783
Cash balance at End of Year	63,707
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$514,490

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

2008 TIF BOND AND INTEREST FUND
FUND (Lincoln Center):

REVENUES & BEG. CASH:

Interest	\$0
County Shared Revenue	\$0
Transfer From Other Funds	0
Total From All Sources	0
Other Than taxation	0
Beginning Cash and	
Investment Balance	97,831
Amount to be Raised by Tax Levy	78,552
TOTAL FROM ALL SOURCES	\$176,383

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	40,000
Interest on Bonds	13,200
Other Services & Charges	1,000
Total Expenditures	\$54,200
Cash balance at End of Year	122,183
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$176,383

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

2011 TIF BOND AND INTEREST FUND
FUND (Turtle Creek Crossing/Kohl's):

REVENUES & BEG. CASH:

Interest	\$0
County Shared Revenue	\$31,325
Transfer From Other Funds	
Total From All Sources	
Other Than taxation	31,325
Beginning Cash and	
Investment Balance	11,143
Amount to be Raised by Tax Levy	64,530
TOTAL FROM ALL SOURCES	\$106,998

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	70,000
Interest on Bonds	19,500
Other Services & Charges	2,000
Total Expenditures	\$91,500
Cash balance at End of Year	15,498
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$106,998

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

2016 TIF BOND AND INTEREST
FUND (Whispering Pines):

REVENUES & BEG. CASH:

Interest	\$0
County Shared Revenue	\$183,175
Transfer From Other Funds	140,071
Total From All Sources	
Other Than taxation	323,246
Beginning Cash and	
Investment Balance	0
Amount to be Raised by Tax Levy	152,505
TOTAL FROM ALL SOURCES	\$475,751

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	153,000
Interest on Bonds	126,733
Other Services & Charges	1,300
Total Expenditures	\$281,033
Cash balance at End of Year	194,718
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$475,751

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

2016 TIF BOND AND INTEREST FUND
FUND (Hattiesburg Clinic Midtown):

REVENUES & BEG. CASH:

Interest	\$0
County Shared Revenue	\$35,193
Transfer From Other Funds	0
Total From All Sources	
Other Than taxation	35,193
Beginning Cash and	
Investment Balance	0
Amount to be Raised by Tax Levy	35,193
TOTAL FROM ALL SOURCES	\$70,386

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	42,000
Interest on Bonds	28,385
Other Services & Charges	0
Total Expenditures	\$70,385
Cash balance at End of Year	1
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$70,386

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

AIRPORT IMPROVEMENT
SPECIAL REVENUE FUND:

REVENUES & BEG. CASH:

Federal Grants	\$1,415,000
State Shared Revenues	0
Miscellaneous	0
Transfers In	0
Non-Revenue Receipts	0
Total From All Sources	
Other Than taxation	1,415,000
Beginning Cash and	
Investment Balance	(397,251)
TOTAL FROM ALL SOURCES	\$1,017,749

EXPENDITURES & ENDING CASH:

Public Services:	
Other services & Charges	35,000
Capital Outlays	982,749
Total Expenditures	\$1,017,749
Cash balance at End of Year	0
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$1,017,749

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

2015A TIF BOND AND INTEREST FUND
FUND (The Ridge at Turtle Creek):

REVENUES & BEG. CASH:

Interest	\$200
County Shared Revenue	\$38,496
Transfer From Other Funds	61,020
Total From All Sources	
Other Than taxation	99,716
Beginning Cash and	
Investment Balance	,0
Amount to be Raised by Tax Levy	129,000
TOTAL FROM ALL SOURCES	\$228,716

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	60,000
Interest on Bonds	65,725
Other Services & Charges	2,000
Total Expenditures	\$127,725
Cash balance at End of Year	100,991
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$228,716

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

2015B TIF BOND AND INTEREST FUND
FUND (Midtown Market):

REVENUES & BEG. CASH:

Interest	\$50
County Shared Revenue	\$11,277
Transfer From Other Funds	10,500
Total From All Sources	
Other Than taxation	21,827
Beginning Cash and	
Investment Balance	0
Amount to be Raised by Tax Levy	11,277
TOTAL FROM ALL SOURCES	\$33,104

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	10,000
Interest on Bonds	11,275
Other Services & Charges	1,940
Total Expenditures	\$23,215
Cash balance at End of Year	9,889
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$33,104

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
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For the Fiscal Year Ending September 30, 2017

MUNICIPAL ROAD & BRIDGE
SPECIAL REVENUE FUND:

REVENUES & BEG. CASH:

Inter-governmental Revenues:

State Grants	\$3,255,015
Federal Grants	0
County Shared Revenues	1,800,000
Miscellaneous	61,264
Non-Revenue Receipts	168,319
Total From All Sources	
Other Than taxation	5,284,598
Beginning Cash and	
Investment Balance	2,411,381
TOTAL FROM ALL SOURCES	\$7,695,979

EXPENDITURES & ENDING CASH:

Public Services:

Supplies & Expenses	0
Other services & Charges	1,955,406
Capital Outlays	5,606,464
Principal Payments	0
Interest Payments	0
Total Expenditures	\$7,561,870
Cash balance at End of Year	134,109
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$7,695,979

CITY OF HATTIESBURG, MISSISSIPPI
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BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
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**MASS TRANSIT OPERATING
SPECIAL REVENUE FUND:**

REVENUES & BEG. CASH:

Inter-governmental Revenues:

Federal Grants	\$1,859,972
State Grants	\$0
Miscellaneous	48,100
Transfers-In	230,000
Total From All Sources	
Other Than taxation	2,138,072
Beginning Cash and	
Investment Balance	214,054
Amount to be Raised by Tax Levy	214,000
TOTAL FROM ALL SOURCES	\$2,566,126

EXPENDITURES & ENDING CASH:

Personnel	941,202
Supplies & Expenses	215,500
Other services & Charges	563,054
Capital Outlays	845,419
Total Expenditures	\$2,565,175
Cash balance at End of Year	951
TOTAL EXPENDITURES AND ENDING CASH BALANCE	\$2,566,126

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

WATER & SEWER CONSTRUCTION FUND:

REVENUES & BEG. CASH:

Inter-governmental Revenues:	
Federal Grants	\$0
Miscellaneous	262,998
Transfers-In	4,984,055
Non-Revenue Receipts	0
Total From All Sources	
Other Than taxation	5,247,053
Beginning Cash and	
Investment Balance	5,080,298
TOTAL FROM ALL SOURCES	\$10,327,351

EXPENDITURES & ENDING CASH:

Other services & Charges	\$1,888,100
Capital Outlays	3,310,600
Transfers	4,625,000
Total Expenditures	9,823,700
Cash balance at End of Year	503,651
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$10,327,351

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
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COMMUNITY CENTERS
SPECIAL REVENUE FUND:

REVENUES & BEG. CASH:

Charges for services:	
Culture & Recreation	\$25,458
Miscellaneous	250
Transfers-In	990,000
Non-Revenue Receipts	600
Total From All Sources	
Other Than taxation	1,016,308
Beginning Cash and	
Investment Balance	439,239
TOTAL FROM ALL SOURCES	\$1,455,547

EXPENDITURES & ENDING CASH:

Personnel	561,678
Supplies & Expenses	67,050
Other services & Charges	175,010
Capital Outlays	130,150
Total Expenditures	\$933,888
Cash balance at End of Year	521,659
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$1,455,547

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

COMMUNITY DEVELOPMENT BLOCK GRANT
SPECIAL REVENUE FUND:

REVENUES & BEG. CASH:

Federal Grants	\$1,535,919
Transfers In	0
Total From All Sources	
Other Than taxation	1,535,919
Beginning Cash and	
Investment Balance	(205,434)
TOTAL FROM ALL SOURCES	\$1,330,485

EXPENDITURES & ENDING CASH:

Personnel	171,838
Supplies & Expenses	5,600
Other services & Charges	119,939
Capital Outlays	874,194
Transfers	
Total Expenditures	\$1,171,571
Cash balance at End of Year	158,914
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$1,330,485

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

***Public Safety Complex/Recreation
Construction Fund:***

REVENUES & BEG. CASH:

Proceeds from Bond Issue	25,000,000
Interest Earnings	
Total Revenues	<u>25,000,000</u>
Beginning Cash and Investment Balance	
TOTAL FROM ALL SOURCES	<u><u>\$25,000,000</u></u>

EXPENDITURES & ENDING CASH:

Other services & Charges	2,800,000
Capital Outlays	22,200,000
Transfers to Other Funds	
Total Expenditures	<u>\$25,000,000</u>
Cash balance at End of Year	<u>0</u>
TOTAL EXPENDITURES AND ENDING CASH BALANCE	<u><u>\$25,000,000</u></u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
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For the Fiscal Year Ending September 30, 2017

MDA Energy Efficiency Capital Projects
Fund:

REVENUES & BEG. CASH:

Proceeds from Bond Issue	\$0
Interest Earnings	0
Total Revenues	<u>0</u>
Beginning Cash and	
Investment Balance	2,438,738
TOTAL FROM ALL SOURCES	<u><u>\$2,438,738</u></u>

EXPENDITURES & ENDING CASH:

Other services & Charges	0
Capital Outlays	0
Transfers to Other Funds	2,435,738
Total Expenditures	<u>\$2,435,738</u>
Cash Balance at End of Year	<u>3,000</u>
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	<u><u>\$2,438,738</u></u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

TIF Construction Fund:

REVENUES & BEG. CASH:

Proceeds from Bond Issue	\$0
Interest Earnings	
Total Revenues	<u>0</u>
Beginning Cash and	
Investment Balance	<u>211,772</u>
TOTAL FROM ALL SOURCES	<u><u>\$211,772</u></u>

EXPENDITURES & ENDING CASH:

Other services & Charges	0
Capital Outlays	0
Transfers to Other Funds	<u>211,591</u>
Total Expenditures	<u>\$211,591</u>
Cash Balance at End of Year	<u>181</u>
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	<u><u>\$211,772</u></u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

SERIES 2016 WATER & SEWER REVENUE BOND
CONSTRUCTION FUND:

REVENUES & BEG. CASH:

Interest Earnings	27,206
Proceeds from Revenue Bond Issue	<u>\$25,000,000</u>
Total Revenues	<u>25,027,206</u>
Beginning Cash and Investment Balance	<u>0</u>
TOTAL FROM ALL SOURCES	<u><u>\$25,027,206</u></u>

EXPENDITURES & ENDING CASH:

Other services & Charges	1,314,000
Capital Outlays	23,686,000
Transfers Out	
Total Expenditures	<u>\$25,000,000</u>
Cash balance at End of Year	<u>27,206</u>
TOTAL EXPENDITURES AND ENDING CASH BALANCE	<u><u>\$25,027,206</u></u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

SERIES 2012 WATER & SEWER REVENUE BOND
CONSTRUCTION FUND:

REVENUES & BEG. CASH:

Interest Earnings	0
Proceeds from Revenue Bond Issue	
Total Revenues	<u>0</u>
Beginning Cash and	
Investment Balance	<u>61</u>
TOTAL FROM ALL SOURCES	<u><u>\$61</u></u>

EXPENDITURES & ENDING CASH:

Other services & Charges	
Capital Outlays	0
Transfers Out	
Total Expenditures	<u>\$0</u>
Cash balance at End of Year	<u>61</u>
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	<u><u>\$61</u></u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

SERIES 2001 BOND
CONSTRUCTION FUND:

REVENUES & BEG. CASH:

Interest Earnings	\$0
Grant Revenues - State of MS	0
Transfers In	0
Proceeds from General Obligation Bond Issue	0
Total Revenues	0
Beginning Cash and Investment Balance	173
TOTAL FROM ALL SOURCES	\$173

EXPENDITURES & ENDING CASH:

Other services & Charges	0
Capital Outlays	0
Transfers Out	173
Total Expenditures	\$173
Cash balance at End of Year	0
TOTAL EXPENDITURES AND ENDING CASH BALANCE	\$173

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

KAMPER PARK ZOO CAPITAL
IMPROVEMENTS FUND:

REVENUES & BEG. CASH:

State Grants	\$0
Miscellaneous	0
Charges for Services	0
Transfers-In from Other Funds	0
Non-Revenue Receipts	0
Total Revenues	0
Beginning Cash and Investment Balance	2,244
TOTAL FROM ALL SOURCES	\$2,244

EXPENDITURES & ENDING CASH:

Supplies	0
Other services & Charges	0
Capital Outlays	2,238
Total Expenditures	\$2,238
Cash balance at End of Year	6
TOTAL EXPENDITURES AND ENDING CASH BALANCE	\$2,244

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

SERIES 2013 WATER & SEWER REVENUE BOND
CONSTRUCTION FUND:

REVENUES & BEG. CASH:

Interest Earnings	0
Proceeds from Revenue Bond Issue	\$0
Total Revenues	<u>0</u>
Beginning Cash and	
Investment Balance	2,315,762
TOTAL FROM ALL SOURCES	<u><u>\$2,315,762</u></u>

EXPENDITURES & ENDING CASH:

Other services & Charges	568,391
Capital Outlays	1,746,502
Transfers Out	0
Total Expenditures	<u>\$2,314,893</u>
Cash balance at End of Year	869
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	<u><u>\$2,315,762</u></u>

RESOLUTION

WHEREAS, the Mayor and City Council of the City of Hattiesburg, Mississippi, have determined that expenditures within the City will exceed the original budget appropriation; and

WHEREAS, the additional appropriation needed is in excess of ten percent (10%) of the original appropriation, and in accordance with Section 21-35-25 of the Mississippi Code of 1972, as amended, shall be published;

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HATTIESBURG:

Section 1. That the following budget amendments are hereby authorized to be made in the City’s General Fund General Government Supplies Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$224,455	\$60,444	\$284,899	Adjust for prior yr purchase orders, tornado expenses, court utilities and bldg repairs, budget MPO grant, copier supplies

Section 2. That the following budget amendments are hereby authorized to be made in the City’s General Fund General Government Other Services & Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$4,559,876	\$818,433	\$5,378,309	Adjust for prior yr purchase orders; tornado expenses; grants; network charges; insurance premium increase

Section 3. That the following budget amendments are hereby authorized to be made in the City’s General Fund General Government Capital Outlay Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$328,700	\$764,629	\$1,093,329	Mun.Court renovation; generator at Depot; church demolition

Section 4. That the following budget amendments are hereby authorized to be made in the City’s General Fund Police Supplies Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$487,536	\$157,282	\$644,818	Prior yr purchase orders, Byrne Grant, BPV Grant, minor equipment; fuel; vehicle repair parts

Section 5. That the following budget amendments are hereby authorized to be made in
the City's General Fund Police Other Services & Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$397,311	\$87,079	\$484,390	Budget for phone system; utilities; vehicle repairs

Section 6. That the following budget amendments are hereby authorized to be made in
the City's General Fund Police Capital Outlays Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$169,250	\$1,067,394	\$1,236,644	Prior yr purchase orders; body cameras; fingerprint system; entry team equipment; patrol vehicles

Section 7. That the following budget amendments are hereby authorized to be made in
the City's General Fund Police & Fire Training Capital Outlays Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$0	\$33,000	\$33,000	Budget for vehicle purchase

Section 8. That the following budget amendments are hereby authorized to be made in
the City's General Fund Fire Capital Outlays Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$0	\$236,103	\$236,103	Budget for Airpack harnesses; portable bldg.; furniture for fire halls

Section 9. That the following budget amendments are hereby authorized to be made in
the City's General Fund Public Services Other Services & Charges Unappropriated Fund
Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$3,025,856	\$4,239,363	\$7,265,219	Prior yr purchase orders; paving; tornado expenses; debris removal costs

Section 10. That the following budget amendments are hereby authorized to be made in
the City's General Fund Public Services Capital Outlays Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$0	\$1,515,417	\$1,515,417	Budget for capital requests; NRCS grant; Gordon's Creek drainage project

Section 11. That the following budget amendments are hereby authorized to be made in the City’s General Fund Economic Development Other Services & Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$230,000	\$25,000	\$255,000	Budget contribution from Forrest County for downtown association

Section 12. That the following budget amendments are hereby authorized to be made in the City’s General Fund Debt Service Interest Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$386,874	\$203,714	\$590,588	Budget debt service on Johnson Controls energy performance costs

Section 13. That the following budget amendments are hereby authorized to be made in the City’s Parks and Recreation Other Services and Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$808,799	\$285,465	\$1,094,264	Budget for prior yr purchase orders, tornado expenses, repairs to tennis courts, fountain; electrical repairs; equipment rental

Section 14. That the following budget amendments are hereby authorized to be made in the City’s Water & Sewer Operations & Maintenance Supplies Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$1,088,676	\$451,916	\$1,540,592	Prior yr open purchase orders; tornado expenses; fuel; plumbing supplies; chemicals for lagoon

Section 15. That the following budget amendments are hereby authorized to be made in the City’s Water & Sewer Operations & Maintenance Other Services and Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$5,086,579	\$2,015,021	\$7,101,600	Prior yr purchase orders; Tornado Expense; increase lagoon maintenance budget; water & sewer line repairs

Section 16. That the following budget amendments are hereby authorized to be made in the City’s Water & Sewer Fund Other Services & Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$29,900	\$3,000	\$32,900	Adjust budget for paying agent fee

Section 17. That the following budget amendments are hereby authorized to be made in the City’s Water & Sewer Fund Transfers Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$19,031,000	\$2,984,055	\$22,015,055	Adjust transfers to operating funds

Section 18. That the following budget amendments are hereby authorized to be made in the City’s TIF Bond & Interest Fund (Whispering Pines) Principal Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$153,000	\$153,000	Budget principal pmt on debt service

Section 19. That the following budget amendments are hereby authorized to be made in the City’s TIF Bond & Interest Fund (Whispering Pines) Interest Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$126,733	\$126,733	Budget interest pmt on debt service

Section 20. That the following budget amendments are hereby authorized to be made in the City’s TIF Bond & Interest Fund (Whispering Pines) Other Services & Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$1,300	\$1,300	Budget paying agent fee on debt service

Section 21. That the following budget amendments are hereby authorized to be made in the City’s TIF Bond & Interest Fund (Hattiesburg Clinic Midtown) Principal Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$42,000	\$42,000	Budget principal pmt on debt service

Section 22. That the following budget amendments are hereby authorized to be made in the City’s TIF Bond & Interest Fund (Hattiesburg Clinic Midtown) Interest Unappropriated

Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$28,385	\$28,385	Budget interest pmt on debt service

Section 23. That the following budget amendments are hereby authorized to be made in the City’s TIF Bond & Interest Fund (Midtown Market) Principal Unappropriated

Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$10,000	\$10,000	Budget principal pmt on debt service

Section 24. That the following budget amendments are hereby authorized to be made in the City’s TIF Bond & Interest Fund (Midtown Market) Interest Unappropriated

Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$11,275	\$11,275	Budget interest pmt on debt service

Section 25. That the following budget amendments are hereby authorized to be made in the City’s TIF Bond & Interest Fund (Midtown Market) Other Services & Charges Unappropriated

Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$1,940	\$1,940	Budget paying agent fee on debt service

Section 26. That the following budget amendments are hereby authorized to be made in the City’s Municipal Road & Bridge Fund Capital Outlay Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$4,672,520	\$933,944	\$5,606,464	Lincoln & Hegwood Rd project; Mamie St relocation

Section 27. That the following budget amendments are hereby authorized to be made in the City’s Water & Sewer Construction Fund Other Services & Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$400,100	\$1,488,000	\$1,888,100	Engineering costs on bond projects and storm drainage study

Section 28. That the following budget amendments are hereby authorized to be made in the City’s Water & Sewer Construction Fund Transfers Unappropriated Fund

Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$4,625,000	\$4,625,000	Budget transfers to operating funds and debt service

Section 29. That the following budget amendments are hereby authorized to be made in the City’s Water & Sewer Construction Fund Capital Outlay Unappropriated Fund

Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$2,250,000	\$1,060,600	\$3,310,600	Budget for 31 st Ave drainage and sewer project; Runnels Rd loop water line

Section 30. That the following budget amendments are hereby authorized to be made in the City’s CDBG Fund Other Services & Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$106,017	\$13,922	\$119,939	Adjust budget for professional services

Section 31. That the following budget amendments are hereby authorized to be made in the City’s TIF Construction Fund Transfers Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$211,591	\$211,591	Transfer residual funds to debt service funds

Section 32. That the following budget amendments are hereby authorized to be made in the City’s Series 2013 Water & Sewer Bonds Construction Fund Capital Outlay Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$750,000	\$996,502	\$1,746,502	Adjust budgets for various construction projects

Section 33. That public interest and necessity requiring same, this resolution shall become effective immediately from and after passage, but nevertheless to be published according to law.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Councilperson Delgado, seconded by Councilperson George, and was adopted by the following, to wit;

YEAS: George
Delgado
Carroll
Dryden
Brown

NAYS: None

The President thereby declared the motion carried and the Resolution adopted, this the 22nd day of August, 2017.

(S E A L)

ATTEST:


CLERK OF COUNCIL

ADOPTED:


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:


CITY CLERK

APPROVED:


MAYOR

MEMORANDUM

TO : Mayor Barker; Members of City Council
FROM : Connie Everett, Interim CFO
DATE : August 22, 2017
SUBJECT : Analysis of City Financial Status at close of FY 2017

Attached is a recap of proposed amendments to the FY 2017 budget. As I have done in the past, I have detailed the General Fund amendments to reflect the effect on the budgeted ending cash. The proposed amendments will set the budgeted ending cash at \$2,292,965. Keep in mind that this is a budgeted amount, not what I expect the actual ending fund balance to be. A budget is an indicator of the effect of realizing all proposed revenue and expending all proposed costs of operation.

At this time, I anticipate a reduction of the General Fund ending fund cash balance of approximately \$3M (net of the Hercules settlement of \$3M) from previous years. This amount falls below of the amount of ending cash I recommend having (a minimum of \$4M), inasmuch as the City must retain enough cash balance to operate for the first three months of the fiscal year, along with sales tax revenue and other General Fund revenues, until we begin to receive ad valorem revenue.

Assessment of the City's finances indicates that FY 2017 has been a difficult year. The January tornado has set us back by over \$4M, and recovery is not yet complete. Between insurance and FEMA reimbursements to date, we have received about \$2.4M toward expenses incurred. Several facilities have not yet been rebuilt, such as the Mass Transit facility, No. 2 Fire Station, and Timberton ballfields, as well as auxiliary structures at other locations. I expect that there will be continued rebuilding for all of FY 2018. Closeout and reimbursement from FEMA and insurance will most likely extend into FY 2019.

Another significant cash expenditure for the General Fund includes debt service on the MDA energy performance project with Johnson Controls. The FY 2017 debt payment is \$203,714. The debt retirement for this project will continue for 15 years, with an average annual cost of \$640,000.

The City began the process of building a new Public Safety Complex in the fall of 2015. A site for a temporary headquarters was obtained and renovated so the site could be vacated in order for demolition, renovation, and new construction to occur. We anticipate the next phase of the project to begin soon, and this will place an additional financial burden on the General Fund, in the form of debt retirement on this facility. Estimated annual debt service costs could average \$2.5M, if structured repayment occurs over a 20-year period. Debt service on Phase I of this project, the temporary headquarters and new Parks & Recreation facility relocation, has already begun, and will average \$410,000 over a 20-year period.

Another factor impacting General Fund revenues is the issuance of four TIF bond issues in 2016. Debt service on each of these issues began in FY 2017. Forrest County participates with the City by contributing a portion of their ad valorem revenue toward debt service on these four debt instruments. The net impact is a reduction to the General Fund of about \$233,000 annually for a 15-year period.

The City is also obligated financially to provide a portion of the costs of infrastructure development to sites in the Midtown project area, west Hattiesburg near the site of the new Regions Bank facility, and at

the Industrial Park. Initial cost assessments project a City investment of upwards of \$2.7M over the next 4 years.

There is good news, as there is general obligation debt retiring in FY 2018 and FY 2022, which will enable the City to redirect ad valorem revenue of approximately \$1.5M annually to the projects listed above.

Also needing to be mentioned is the City's water & sewer system improvements. The City is continuing a more aggressive remedial action plan by investigating the current status of water lines, sewer lines, storm drains, and sanitary sewer overflow. The proceeds of \$25M in bonds through the Mississippi Development Bank in 2016 is being used for projects identified as high priority. Additionally, current water & sewer debt instruments will be retiring in FY 2021 and FY 2024, which will provide an approximate \$1.8M annually for new debt service to address water and sewer infrastructure needs.

Lastly, but no less important, is the City's ever-present need to evaluate and address employee salaries and capital equipment needs. Organizational structure and pay scales are currently being evaluated so the Administration can develop an action plan. Equipment and vehicle purchases will be restricted in FY 2018 until an assessment of the City's fleet can be made and a capital replacement plan developed.

As reflected above, the City of Hattiesburg has many daunting financial challenges facing this Administration. Crucial to meeting these needs is prudent financial management. Obtaining the FY 2015 and FY 2016 audits will be extremely important for regaining a bond rating with Moody's. This will enable the City to secure financing for projects at more favorable interest rates. City staff is working diligently to provide information to the auditors to enable them to complete the FY 2015 audit, so we can move forward.

We are finalizing the FY 2018 budget and will be presenting initial reports for your consideration shortly. The public hearing on the proposed FY 2018 budget is scheduled for September 7, with adoption scheduled for September 14.

If you should have any questions, please do not hesitate to contact me.

MEMORANDUM

TO: Mayor Barker; Members of City Council
FROM: Connie Everett, Interim CFO
DATE: August 22, 2017
SUBJECT: Proposed Budget Amendments

Listed below are proposed amendments to the budget for FY 2017. The amendments are presented as an adjustment to the budgeted ending cash for the General Fund:

Budgeted Ending Cash(as of April amendments)		\$4,457,182
Revenue Adjustments:		
Licenses & Permits(bldg. permits)	50,000	
Federal Revenue (grants)	666,541	
State-shared (sales tax)	600,000	
Fines & Forfeits	15,000	
Miscellaneous Revenues (Forrest County)	28,750	
Non-revenue receipts (lease proceeds; insurance)	<u>1,211,211</u>	2,571,502
Expenditure Adjustments:		
City Court – removal of salaries for vacant positions; adjust grant budgets	-34,913	
Mayor/Admin – salary adjustments for position changes; workers comp; phone & travel	-16,695	
Elections – invoice for voting machines	-18,000	
Accounting – workers comp; health ins.	-3,680	
Human Resources – workers comp	-485	
Risk Mgt – workers comp	-2,360	
Info.Systems – workers comp; network charges	-40,161	
Gen.Govt.Bldg – bldg rprs; church demolition	-507,500	
Depot – utilities; generator installation	-33,500	
Ins/Other Svcs – insurance premium	-12,500	
Police – workers comp; fuel; grants; vehicles	-699,677	
Fire – overtime; workers comp; fuel; portable bldg.; furniture	-376,081	
Contractual Services – prisoner housing	217,476	
Traffic – workers comp; utilities	-10,511	
Streets – workers comp; tornado expenses; capital	-241,135	
Street Lights	50,000	
Engineering – workers comp; tornado expenses	-1,047,863	
Shop – workers comp	-9,184	
GOFS – workers comp; tornado expenses	-16,325	
Drainage – workers comp NRCS & Gordons Creek projects	-1,448,843	
Construction – unbudgeted position; utilities; Eaton School	-125,312	
Sanitation – workers comp; tipping fees	-156,116	
Street Clng – workers comp; vehicle parts	-4,510	
Health – workers comp; equipment	3,127	
Animal Control – workers comp – So. Pines	-7,811	

Memorandum
August 22, 2017
Page 2

Economic Dev – Forrest Cty contribution-downtown assn	-25,000	
Debt Svc – interest due on Johnson Controls debt	-203,714	
Airport – workers comp	-2,762	
Cemetery – workers comp; equipment	42,038	
Parking Garages – workers comp	<u>-3,722</u>	-4,735,719
Amended Budgeted Ending Cash		\$ 2,292,965
Parks & Recreation Fund:		
Increase budget for workers comp; supplies; equipment rent		\$ 75,076
Water & Sewer O & M Fund:		
Increase budget for workers comp; lagoon chemicals; water & sewer line repairs; aerator repairs		\$ 1,150,389
Water & Sewer Revenue Fund:		
Increase budget for debt service fees; transfers		\$ 2,987,055
Series 2016 TIF Bond & Int (Whispering Pines) Fund:		
Budget for debt service		\$ 281,033
Series 2016 TIF Bond & Int (Hburg Clinic Midtown) Fund):		
Budget for debt service		\$ 70,385
Airport Improvement Fund:		
Adjust capital project budget		\$ -397,251
Series 2015 TIF Bond & Int (Ridge @ Turtle Creek) Fund:		
Adjust budget for debt service		\$ -21,275
Series 2015 TIF Bond & Int (Midtown Market) Fund:		
Budget for debt service		\$ 23,215
Municipal Road & Bridge Fund:		
Adjust budget for Mamie St. relocation; Lake Forgetful		\$ 262,279
Mass Transit Fund:		
Adjust budget to balance fund; bus repairs		\$ -146,165
Water & Sewer Construction Fund:		
Engineering fees; transfers; S 31 st Ave projects; Runnels Rd Loop water line		\$ 6,073,600

Community Centers Fund:	
Workers comp	\$ 10,000
CDBG Fund:	
Workers comp; professional services	\$ 7,000
MDA Energy Efficiency Capital Projects Fund:	
Adjust budget	\$ - 3,000
TIF Construction Fund:	
Transfer residual funds to debt service funds	\$ 211,591
Series 2013 Water & Sewer Revenue Bonds Construction Fund:	
Adjust budgets for capital projects and close out	\$ 228,111
Series 2012 Water & Sewer Bonds Construction Fund:	
Adjust budget and close out fund	\$ - 21,244

If you have any questions concerning the above, please do not hesitate to call.

CITY OF HATTIESBURG, MS. - GENERAL FUND
 Analysis of Revenue and Expenditure Budgets
 Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/Apr Amend'ts	Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Revenues & Beg. Cash Balance:									
Taxes -Other	\$35,000		\$35,000		\$35,000		\$35,000		\$35,000
Licenses & Permits	4,448,800		4,448,800		\$4,448,800		\$4,448,800	50,000	\$4,498,800
Intergovernmental Revenues:							\$0		\$0
Federal	767,231		767,231	402,000	\$1,169,231	2,327,655	\$3,496,886	666,541	\$4,163,427
State	298,257		298,257		\$298,257		\$298,257		\$298,257
State-Shared	22,149,000		22,149,000		\$22,149,000		\$22,149,000	600,000	\$22,749,000
County/City Shared	58,948		58,948		\$58,948		\$58,948		\$58,948
Charges for Services:					\$0		\$0		\$0
Public Safety	157,000		157,000	40,000	\$197,000		\$197,000		\$197,000
Streets	1,500		1,500		\$1,500		\$1,500		\$1,500
Sanitation	2,206,000		2,206,000		\$2,206,000		\$2,206,000		\$2,206,000
Misc.	0		0		\$0		\$0		\$0
Fines & Forf.	1,353,200		1,353,200		\$1,353,200		\$1,353,200	15,000	\$1,368,200
Misc. Revenues	198,900		198,900	70,928	\$269,828		\$269,828	28,750	\$298,578
Transfers-In	543,000		543,000		\$543,000		\$543,000		\$543,000
Non-Revenue Receipts	278,912		278,912		\$278,912	672,033	\$950,945	1,211,211	\$2,162,156
TOTAL REVENUES EXCLUSIVE OF PROPERTY TAXES	\$32,495,748	\$0	\$32,495,748	\$512,928	\$33,008,676	\$2,999,688	\$36,008,364	\$2,571,502	\$38,579,866
Beg. Fund Balance	5,500,000	2,647,959	8,147,959		\$8,147,959		8,147,959	-20,201	\$8,127,758
Property Tax Levy	14,500,000	0	14,500,000	500,000	\$15,000,000		15,000,000		15,000,000
TOTAL AVAIL. REVENUES	\$52,495,748	\$2,647,959	\$55,143,707	\$1,012,928	\$56,156,635	\$2,999,688	\$59,156,323	\$2,551,301	\$61,707,624
THE GENERAL FUND EXPENDITURE BUDGETS:									
001003 City Council									
Personnel	\$297,046		\$297,046		\$297,046		297,046		297,046
Supplies & Expenses	3,400		3,400		\$3,400		3,400		3,400
Other Services & Charges	131,200	290	131,490		\$131,490		131,490		131,490
Capital Outlays	0		0		\$0		0		0
Total - City Council	\$431,646	\$290	\$431,936	\$0	\$431,936	\$0	\$431,936	\$0	\$431,936
001015 City Court									
Personnel	\$1,151,497	\$30,850	\$1,182,347	\$20,732	\$1,203,079		1,203,079	-\$58,300	1,144,779
Supplies & Expenses	36,400		36,400	7,720	\$44,120		44,120		44,120
Other Services & Charges	301,451	796	302,247		\$302,247		302,247	93,213	395,460
Capital Outlays	0		0		\$0		0		0
Total - City Court	\$1,489,348	\$31,646	\$1,520,994	\$28,452	\$1,549,446	\$0	\$1,549,446	\$34,913	\$1,584,359

CITY OF HATTIESBURG, MS. - GENERAL FUND
Analysis of Revenue and Expenditure Budgets
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	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/Apr Amend'ts	Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
001020 Mayor/Admin.									
Personnel	\$602,613		\$602,613		\$602,613		602,613	\$12,495	615,108
Supplies & Expenses	16,400	445	16,845	200	\$17,045		17,045		17,045
Other Services & Charges	117,200	2,045	119,245	200	\$119,445		119,445	4,200	123,645
Capital Outlays	3,700	1,696	5,396		\$5,396		5,396		5,396
Total - Mayor/Admin.	\$739,913	\$4,186	\$744,099	\$400	\$744,499	\$0	\$744,499	\$16,695	\$761,194
001030 Elections									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	3,200		3,200		\$3,200		3,200		3,200
Other Services & Charges	64,000		64,000		\$64,000		64,000	18,000	82,000
Capital Outlays	0		0		\$0		0		0
Total - Elections	\$67,200	\$0	\$67,200	\$0	\$67,200	\$0	\$67,200	\$18,000	\$85,200
001040 Muni. Clerk									
Personnel	\$155,500		\$155,500		\$155,500		\$155,500		\$155,500
Supplies & Expenses	900	3,000	3,900		\$3,900	2,086	5,986		5,986
Other Services & Charges	31,275		31,275		\$31,275	-2,086	29,189		29,189
Capital Outlays	0		0		\$0		0		0
Total - Muni Clerk	\$187,675	\$3,000	\$190,675	\$0	\$190,675	\$0	\$190,675	\$0	\$190,675
001042 Accounting									
Personnel	\$245,800	\$46,300	\$292,100		\$292,100		\$292,100	\$3,680	\$295,780
Supplies & Expenses	5,705		5,705	3,300	\$9,005		9,005		9,005
Other Services & Charges	3,430	300	3,730		\$3,730		3,730		3,730
Capital Outlays	0		0		\$0		0		0
Total - Accounting	\$254,935	\$46,600	\$301,535	\$3,300	\$304,835	\$0	\$304,835	\$3,680	\$308,515
001045 Purchasing									
Personnel	\$147,144		\$147,144		\$147,144		\$147,144		\$147,144
Supplies & Expenses	7,500	304	7,804	2,000	\$9,804		9,804		9,804
Other Services & Charges	5,780		5,780		\$5,780		5,780		5,780
Capital Outlays	0		0		\$0		0		0
Total - Purchasing	\$160,424	\$304	\$160,728	\$2,000	\$162,728	\$0	\$162,728	\$0	\$162,728

CITY OF HATTIESBURG, MS. - GENERAL FUND
Analysis of Revenue and Expenditure Budgets
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	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/Apr Amend'ts	Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
001060 City Attorney									
Personnel	\$101,876		\$101,876		\$101,876		\$101,876		\$101,876
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	9,100		9,100		\$9,100		9,100		9,100
Capital Outlays	0		0		\$0		0		0
Total - City Attorney	\$110,976	\$0	\$110,976	\$0	\$110,976	\$0	\$110,976	\$0	\$110,976
001080 Human Resources									
Personnel	\$184,045		\$184,045		\$184,045		\$184,045	\$485	\$184,530
Supplies & Expenses	8,900		8,900		\$8,900		8,900		8,900
Other Services & Charges	20,520		20,520		\$20,520		20,520		20,520
Capital Outlays	0		0		\$0		0		0
Total - Human Resources	\$213,465	\$0	\$213,465	\$0	\$213,465	\$0	\$213,465	\$485	\$213,950
001081 Loss Control									
Personnel	\$111,619		\$111,619		\$111,619		\$111,619	\$2,360	\$113,979
Supplies & Expenses	6,690	248	6,938		\$6,938		6,938		6,938
Other Services & Charges	2,860		2,860		\$2,860		2,860		2,860
Capital Outlays	0		0		\$0		0		0
Total - Loss Control	\$121,169	\$248	\$121,417	\$0	\$121,417	\$0	\$121,417	\$2,360	\$123,777
001090 Urban Development									
Personnel	\$597,800		\$597,800		\$597,800		\$597,800		\$597,800
Supplies & Expenses	28,150	252	28,402		\$28,402		28,402		28,402
Other Services & Charges	69,050		69,050		\$69,050		69,050		69,050
Capital Outlays	0		0		\$0		0		0
Total - Urban Dev.	\$695,000	\$252	\$695,252	\$0	\$695,252	\$0	\$695,252	\$0	\$695,252
001091 Information Systems									
Personnel	\$385,122		\$385,122		\$385,122		\$385,122	\$1,661	\$386,783
Supplies & Expenses	57,600		57,600		\$57,600		57,600		57,600
Other Services & Charges	527,200		527,200		\$527,200		527,200	38,500	565,700
Capital Outlays	325,000		325,000		\$325,000		325,000		325,000
Total - Inf. Systems	\$1,294,922	\$0	\$1,294,922	\$0	\$1,294,922	\$0	\$1,294,922	\$40,161	\$1,335,083

CITY OF HATTIESBURG, MS. - GENERAL FUND
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Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/Apr Amend'ts	Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
001092 Gen. Gov't Building									
Personnel			\$0		\$0		\$0		\$0
Supplies & Expenses	24,160	225	24,385		\$24,385		24,385	7,500	31,885
Other Services & Charges	151,150	61,184	212,334	30,000	\$242,334	27,000	269,334		269,334
Capital Outlays	0	44,889	44,889	70,000	\$114,889		114,889	500,000	614,889
Total - Gen. Gov't Building	\$175,310	\$106,298	\$281,608	\$100,000	\$381,608	\$27,000	\$408,608	\$507,500	\$916,108
001093 Intermodal Facility (Depot) O & M:									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	8,750		8,750		\$8,750		8,750		8,750
Other Services & Charges	77,250	16,927	94,177		\$94,177		94,177	-6,500	87,677
Capital Outlays	0	100,000	100,000		\$100,000		100,000	40,000	140,000
Total - Depot O & M	\$86,000	\$116,927	\$202,927	\$0	\$202,927	\$0	\$202,927	\$33,500	\$236,427
001094 Metro Planning									
Personnel	\$255,470		\$255,470		\$255,470		\$255,470		\$255,470
Supplies & Expenses	9,300	525	9,825	6,000	\$15,825		15,825		15,825
Other Services & Charges	74,500		74,500	30,100	\$104,600		104,600		104,600
Capital Outlays	0	8,044	8,044		\$8,044		8,044		8,044
Total - Metro Planning	\$339,270	\$8,569	\$347,839	\$36,100	\$383,939	\$0	\$383,939	\$0	\$383,939
001095 Gen. Gov't Insurance/Other serv.									
Personnel	\$1,000		\$1,000		\$1,000		\$1,000		\$1,000
Supplies & Expenses	1,200		1,200		\$1,200		1,200		1,200
Other Services & Charges	2,950,660	34,500	2,985,160		\$2,985,160		2,985,160	12,500	2,997,660
Capital Outlays	0		0		\$0		0		0
Total - Gen. Gov't Insur/other Serv.	\$2,952,860	\$34,500	\$2,987,360	\$0	\$2,987,360	\$0	\$2,987,360	\$12,500	\$2,999,860
001096 Federal Programs Administration									
Personnel	\$255,040		255,040		\$255,040		255,040	\$0	255,040
Supplies	6,200	\$1,639	7,839	\$25,000	\$32,839		32,839		32,839
Other Services & Charges	23,250		23,250	\$47,250	\$70,500	\$410,014	480,514		480,514
Capital Outlay	0		0		\$0		0		0
Total - Federal Programs Admin.	\$284,490	\$1,639	\$286,129	\$72,250	\$358,379	\$410,014	\$768,393	\$0	\$768,393

CITY OF HATTIESBURG, MS. - GENERAL FUND
Analysis of Revenue and Expenditure Budgets
Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/Apr Amend'ts	Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Recap - General Government Cost Centers									
Personnel	\$4,491,572	\$77,150	\$4,568,722	\$20,732	\$4,589,454	\$0	\$4,589,454	-\$37,619	\$4,551,835
Supplies & Expenses	\$224,455	\$6,638	\$231,093	\$44,220	\$275,313	\$2,086	\$277,399	\$7,500	\$284,899
Other Services & Charges	\$4,559,876	\$116,042	\$4,675,918	\$107,550	\$4,783,468	\$434,928	\$5,218,396	\$159,913	\$5,378,309
Capital Outlays	\$328,700	\$154,629	\$483,329	\$70,000	\$553,329	\$0	\$553,329	\$540,000	\$1,093,329
Total - Gen. Government	\$9,604,603	\$354,459	\$9,959,062	\$242,502	\$10,201,564	\$437,014	\$10,638,578	\$669,794	\$11,308,372
001100 Police									
Personnel	\$10,626,690	\$114,390	\$10,741,080	-\$20,732	\$10,720,348	\$59,802	\$10,780,150	\$57,155	\$10,837,305
Supplies & Expenses	487,536	12,841	500,377	18,060	\$518,437	43,559	561,996	82,822	644,818
Other Services & Charges	397,311	1,179	398,490	13,200	\$411,690		411,690	72,700	484,390
Capital Outlays	169,250	297,894	467,144	123,000	\$590,144	159,500	749,644	487,000	1,236,644
Total - Police	\$11,680,787	\$426,304	\$12,107,091	\$133,528	\$12,240,619	\$262,861	\$12,503,480	\$699,677	\$13,203,157
001131 Police & Fire Training									
Personnel	\$36,897		\$36,897		\$36,897		\$36,897	\$0	\$36,897
Supplies & Expenses	111,225	\$3,507	114,732		\$114,732		114,732		114,732
Other Services & Charges	93,925	111	94,036	45	\$94,081		94,081		94,081
Capital Outlays	0	0	0		\$0	33,000	33,000		33,000
Total - Police & Fire Training	\$242,047	\$3,618	\$245,665	\$45	\$245,710	\$33,000	\$278,710	\$0	\$278,710
001160 Fire									
Personnel	\$7,357,796		\$7,357,796		\$7,357,796	\$3,133	\$7,360,929	\$349,470	\$7,710,399
Supplies & Expenses	308,661		308,661	2,050	\$310,711	4,202	314,913	7,000	321,913
Other Services & Charges	296,547	10,038	306,585		\$306,585	6,646	313,231	-\$21,000	292,231
Capital Outlays	0		0	110,900	\$110,900	84,592	195,492	40,611	236,103
Total - Fire Dept.	\$7,963,004	\$10,038	\$7,973,042	\$112,950	\$8,085,992	\$98,573	\$8,184,565	\$376,081	\$8,560,646
001180 Code Enforcement									
Personnel	\$602,464		\$602,464	\$0	\$602,464		\$602,464		\$602,464
Supplies & Expenses	28,906	1,033	29,939		\$29,939		29,939		29,939
Other Services & Charges	110,145	51,050	161,195		\$161,195		161,195		161,195
Capital Outlays	0		0		\$0		0		0
Total - Code Enforcement	\$741,515	\$52,083	\$793,598	\$0	\$793,598	\$0	\$793,598	\$0	\$793,598
001190 Contractual Services - Public Safety									
Personnel	\$221,800		\$221,800		\$221,800		\$221,800		\$221,800
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	1,301,000		1,301,000		\$1,301,000	117,476	1,418,476	-\$217,476	1,201,000
Capital Outlays			0		\$0		0		0
Total - Cont. Serv. - Public Safety	\$1,522,800	\$0	\$1,522,800	\$0	\$1,522,800	\$117,476	\$1,640,276	-\$217,476	\$1,422,800

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CITY OF HATTIESBURG, MS. - GENERAL FUND
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	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/Apr Amend'ts	Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Public Services Cost Centers:									
001191 Traffic Maint.									
Personnel	\$403,260		\$403,260		\$403,260		\$403,260	\$12,511	\$415,771
Supplies & Expenses	142,070	141	142,211		\$142,211		142,211		142,211
Other Services & Charges	47,400		47,400		\$47,400		47,400	-2,000	45,400
Capital Outlays	0		0		\$0		0		0
Total - Traffic Maint.	\$592,730	\$141	\$592,871	\$0	\$592,871	\$0	\$592,871	\$10,511	\$603,382
001201 Streets									
Personnel	\$1,831,973		\$1,831,973		\$1,831,973		\$1,831,973	\$77,112	\$1,909,085
Supplies & Expenses	481,063	334	481,397	60,000	\$541,397	25,937	567,334		567,334
Other Services & Charges	171,800	601,860	773,660	250,000	\$1,023,660	125,368	1,149,028	349,037	1,498,065
Capital Outlays	0		0		\$0	218,580	218,580	-185,014	33,566
Total - Streets	\$2,484,836	\$602,194	\$3,087,030	\$310,000	\$3,397,030	\$369,885	\$3,766,915	\$241,135	\$4,008,050
001202 Street Lights									
Personnel			\$0		\$0		\$0		\$0
Supplies & Expenses			0		\$0		0		0
Other Services & Charges	1,170,000		1,170,000		\$1,170,000		1,170,000	-50,000	1,120,000
Capital Outlays	0		0		\$0		0		0
Total - Street Lights	\$1,170,000	\$0	\$1,170,000	\$0	\$1,170,000	\$0	\$1,170,000	-\$50,000	\$1,120,000
001203 Engineering									
Personnel	\$389,492		\$389,492		\$389,492		\$389,492	-\$4,137	\$385,355
Supplies & Expenses	11,025		11,025		\$11,025		11,025		11,025
Other Services & Charges	303,374		303,374	37,000	\$340,374	1,658,843	1,999,217	1,052,000	3,051,217
Capital Outlays	0		0		\$0		0		0
Total - Engineering	\$703,891	\$0	\$703,891	\$37,000	\$740,891	\$1,658,843	\$2,399,734	\$1,047,863	\$3,447,597
001204 Shop									
Personnel	\$518,497		\$518,497		\$518,497		\$518,497	\$9,184	\$527,681
Supplies & Expenses	45,800	45	45,845		\$45,845		45,845		45,845
Other Services & Charges	44,000		44,000		\$44,000		44,000		44,000
Capital Outlays	0		0		\$0		0		0
Total - Shop	\$608,297	\$45	\$608,342	\$0	\$608,342	\$0	\$608,342	\$9,184	\$617,526

CITY OF HATTIESBURG, MS. - GENERAL FUND
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Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/Apr Amend'ts	Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
001205 GOFS									
Personnel	\$275,404		\$275,404		\$275,404		\$275,404	\$1,570	\$276,974
Supplies & Expenses	10,100		10,100		\$10,100		10,100		10,100
Other Services & Charges	16,500		16,500		\$16,500		16,500	14,755	31,255
Capital Outlays	0		0		\$0		0		0
Total - GOFS	\$302,004	\$0	\$302,004	\$0	\$302,004	\$0	\$302,004	\$16,325	\$318,329
001206 Drainage									
Personnel	\$169,902		\$169,902		\$169,902		\$169,902	\$6,732	\$176,634
Supplies & Expenses	61,750	2,050	63,800		\$63,800		63,800		63,800
Other Services & Charges	231,300		231,300		\$231,300		231,300		231,300
Capital Outlays	0		0		\$0		0	1,442,111	1,442,111
Total - Drainage	\$462,952	\$2,050	\$465,002	\$0	\$465,002	\$0	\$465,002	\$1,448,843	\$1,913,845
001207 Construction									
Personnel	\$695,671		\$695,671		\$695,671		\$695,671	\$78,072	\$773,743
Supplies & Expenses	147,500		147,500	100	\$147,600		147,600		147,600
Other Services & Charges	71,432	13,000	84,432		\$84,432		84,432	7,500	91,932
Capital Outlays	0		0		\$0		0	39,740	39,740
Total - Construction	\$914,603	\$13,000	\$927,603	\$100	\$927,703	\$0	\$927,703	\$125,312	\$1,053,015
001220 Sanitation									
Personnel	\$1,545,756		1,545,756		\$1,545,756		\$1,545,756	\$26,116	\$1,571,872
Supplies & Expenses	291,696		291,696		\$291,696		291,696		291,696
Other Services & Charges	958,750		958,750		\$958,750		958,750	182,000	1,140,750
Capital Outlays	0		0		\$0	52,000	52,000	-52,000	0
Total - Sanitation	\$2,796,202	\$0	\$2,796,202	\$0	\$2,796,202	\$52,000	\$2,848,202	\$156,116	\$3,004,318
001221 Street Cleaning									
Personnel	\$83,902		\$83,902		\$83,902		\$83,902	\$2,010	\$85,912
Supplies & Expenses	19,200		19,200		\$19,200		19,200	2,500	21,700
Other Services & Charges	2,600		2,600		\$2,600		2,600		2,600
Capital Outlays	0		0		\$0		0		0
Total - Street Cleaning	\$105,702	\$0	\$105,702	\$0	\$105,702	\$0	\$105,702	\$4,510	\$110,212
001250 Health									
Personnel	\$482,203		\$482,203		\$482,203		\$482,203	\$35,873	\$518,076
Supplies & Expenses	167,550		167,550		\$167,550		167,550	6,000	173,550
Other Services & Charges	8,700		8,700		\$8,700		8,700		8,700
Capital Outlays	0		0		\$0	45,000	45,000	-45,000	0
Total - Health	\$658,453	\$0	\$658,453	\$0	\$658,453	\$45,000	\$703,453	-\$3,127	\$700,326

CITY OF HATTIESBURG, MS. - GENERAL FUND
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	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/Apr Amend'ts	Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Recap - Public Services:									
Personnel	\$6,396,060	\$0	\$6,396,060	\$0	\$6,396,060	\$0	\$6,396,060	\$245,043	\$6,641,103
Supplies & Expenses	\$1,377,754	2,570	1,380,324	60,100	\$1,440,424	25,937	1,466,361	8,500	1,474,861
Other Services & Charges	\$3,025,856	614,860	3,640,716	287,000	\$3,927,716	1,784,211	5,711,927	1,553,292	7,265,219
Capital Outlays	\$0	0	0	0	\$0	315,580	315,580	1,199,837	1,515,417
Total - Public Services	\$10,799,670	\$617,430	\$11,417,100	\$347,100	\$11,764,200	\$2,125,728	\$13,889,928	\$3,006,672	\$16,896,600
001260 Animal Control									
Personnel	\$156,094		\$156,094		\$156,094		\$156,094	\$1,261	\$157,355
Supplies & Expenses	14,800		14,800		\$14,800		14,800		14,800
Other Services & Charges	126,685		126,685		\$126,685		126,685	6,550	133,235
Capital Outlays	0		0		\$0		0		0
Total - Animal Control	\$297,579	\$0	\$297,579	\$0	\$297,579	\$0	\$297,579	\$7,811	\$305,390
001280 Human/Social Assist.									
Personnel			\$0		\$0		\$0		\$0
Supplies & Expenses			0		\$0		0		0
Other Services & Charges	199,500	25,000	224,500	25,380	\$249,880		249,880		249,880
Capital Outlays			0		\$0		0		0
Total - Human/Social Assist.	\$199,500	\$25,000	\$224,500	\$25,380	\$249,880	\$0	\$249,880	\$0	\$249,880
001402 Economic Dev.									
Personnel			\$0		\$0		\$0		\$0
Supplies & Expenses			0		\$0		0		0
Other Services & Charges	230,000		230,000		\$230,000		230,000	25,000	255,000
Capital Outlays			0		\$0		0		0
Total - Economic Dev.	\$230,000	\$0	\$230,000	\$0	\$230,000		\$230,000	\$25,000	\$255,000
001460 Debt Service									
Principal	\$590,650		\$590,650	\$3,000	\$593,650		\$593,650		\$593,650
Interest	386,874		\$386,874		\$386,874		\$386,874	\$203,714	\$590,588
Total Debt Service	\$977,524	\$0	\$977,524	\$3,000	\$980,524	\$0	\$980,524	\$203,714	\$1,184,238
001551 Airport									
Personnel	\$79,563		\$79,563		\$79,563		\$79,563	\$2,762	\$82,325
Supplies & Expenses	38,200		38,200		\$38,200		38,200		38,200
Other Services & Charges	85,958		85,958		\$85,958		85,958		85,958
Capital Outlays	0		0		\$0		0		0
Total - Airport	\$203,721	\$0	\$203,721	\$0	\$203,721	\$0	\$203,721	\$2,762	\$206,483

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CITY OF HATTIESBURG, MS. - GENERAL FUND
Analysis of Revenue and Expenditure Budgets
Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/Apr Amend'ts	Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
001553 Cemetery									
Personnel	\$756,881		\$756,881		\$756,881		\$756,881	\$17,962	\$774,843
Supplies & Expenses	83,700		83,700	1,250	\$84,950		84,950		84,950
Other Services & Charges	49,351		49,351		\$49,351	12,000	61,351		61,351
Capital Outlays	0		0	1,000	\$1,000	130,000	131,000	-60,000	71,000
Total - Cemetery	\$889,932	\$0	\$889,932	\$2,250	\$892,182	\$142,000	\$1,034,182	-\$42,038	\$992,144
001560 Parking Garages									
Personnel	\$234,680		\$234,680		\$234,680		\$234,680	\$3,722	\$238,402
Supplies & Expenses	7,170	420	7,590	1,500	\$9,090		9,090		9,090
Other Services & Charges	70,350		70,350		\$70,350		70,350		70,350
Capital Outlays	0		0		\$0	0	0		0
Total - Parking Garages	\$312,200	\$420	\$312,620	\$1,500	\$314,120	\$0	\$314,120	\$3,722	\$317,842
Transfers to Other Funds	\$3,460,000		\$3,460,000		\$3,460,000		\$3,460,000		\$3,460,000
EXPENDITURES & TRANSFERS	\$49,124,882	\$1,489,352	\$50,614,234	\$868,255	\$51,482,489	\$3,216,652	\$54,699,141	\$4,735,719	\$59,434,860
Recap - General Fund									
Personnel	\$30,960,497	\$191,540	\$31,152,037	\$0	\$31,152,037	\$62,935	\$31,214,972	\$639,756	\$31,854,728
Supplies & Expenses	2,682,407	27,009	2,709,416	127,180	2,836,596	75,784	2,912,380	105,822	3,018,202
Other Services & Charges	10,546,504	818,280	11,364,784	433,175	11,797,959	2,355,261	14,153,220	1,578,979	15,732,199
Capital Outlays	497,950	452,523	950,473	304,900	1,255,373	722,672	1,978,045	2,207,448	4,185,493
Principal Payments	590,650	0	590,650	3,000	593,650	0	593,650	0	593,650
Interest Payments	386,874	0	386,874	0	386,874	0	386,874	203,714	590,588
Total - Gen. Fund Cost Centers	\$45,664,882	\$1,489,352	\$47,154,234	\$868,255	\$48,022,489	\$3,216,652	\$51,239,141	\$4,735,719	\$55,974,860
Transfers to Other Funds	3,460,000	0	3,460,000	0	3,460,000	0	3,460,000	0	3,460,000
Total - Expenditures & Transfers	\$49,124,882	\$1,489,352	\$50,614,234	\$868,255	\$51,482,489	\$3,216,652	\$54,699,141	\$4,735,719	\$59,434,860
Ending Cash Budget	\$3,370,866	\$1,158,607	\$4,529,473	\$144,673	\$4,674,146	-\$216,964	\$4,457,182	-\$2,164,217	\$2,292,965
Ending Fund Balance Exclusive of Hercules Settlement			\$1,529,473		\$1,674,146		\$1,457,182		-\$707,035
ADMINISTRATIVE	\$9,604,603		\$9,959,062		\$10,201,564		\$10,638,578		\$11,308,372
POLICE & ACADEMY	\$11,922,834		\$12,352,756		\$12,486,329		\$12,782,190		\$13,481,867
FIRE	\$7,963,004		\$7,973,042		\$8,085,992		\$8,184,565		\$8,560,646
CODE ENFORCEMENT	\$741,515		\$793,598		\$793,598		\$793,598		\$793,598
PUBLIC WORKS	\$10,799,670		\$11,417,100		\$11,764,200		\$13,889,928		\$16,896,600
DEBT SERVICE	\$977,524		\$977,524		\$980,524		\$980,524		\$1,184,238
OTHER	\$3,655,732		\$3,681,152		\$3,710,282		\$3,969,758		\$3,749,539
TRANSFERS	\$3,460,000		\$3,460,000		\$3,460,000		\$3,460,000		\$3,460,000

CITY OF HATTIESBURG, MS. - GENERAL FUND
Analysis of Revenue and Expenditure Budgets
Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/Apr Amend'ts	Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
PERSONNEL	\$30,960,497		\$31,152,037		\$31,152,037		\$31,214,972	\$639,756	\$31,854,728
SUPPLIES	\$2,682,407		\$2,709,416		\$2,836,596		\$2,912,380	\$105,822	\$3,018,202
OTHER SERVICES & CHARGES	\$10,546,504		\$11,364,784		\$11,797,959		\$14,153,220	\$1,578,979	\$15,732,199
CAPITAL OUTLAY	\$497,950		\$950,473		\$1,255,373		\$1,978,045	\$2,207,448	\$4,185,493
DEBT SERVICE	\$977,524		\$977,524		\$980,524		\$980,524	\$203,714	\$1,184,238
TRANSFERS	\$3,460,000		\$3,460,000		\$3,460,000		\$3,460,000	\$0	\$3,460,000

CITY OF HATTIESBURG, MS
 Analysis of Expenditure Budgets - Funds Other Than General
 Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/April Amend'ts	Proposed Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Parks & Recreation (Fund #2):									
Recreation Maint. Cost Center (002300)									
Personnel	\$1,333,998		\$1,333,998		\$1,333,998		\$1,333,998	\$30,000	\$1,363,998
Supplies & Expenses	366,200	13,015	379,215	10,000	\$389,215		389,215	10,000	399,215
Other Services & Charges	345,005	60,981	405,986	100,000	\$505,986	106,876	612,862	13,000	625,862
Capital Outlays	0	61,543	61,543	55,207	\$116,750	248,500	365,250		365,250
Total - Recreation Maint.	\$2,045,203	\$135,539	\$2,180,742	\$165,207	\$2,345,949	\$355,376	\$2,701,325	\$53,000	\$2,754,325
Recreation Admin. (002315)									
Personnel	\$486,934		\$486,934		\$486,934		\$486,934	\$22,076	\$509,010
Supplies & Expenses	88,672	2,315	90,987		\$90,987	7,000	97,987		97,987
Other Services & Charges	463,794	4,608	468,402		\$468,402		468,402		468,402
Capital Outlays	0	46,998	46,998		\$46,998		46,998		46,998
Total - Recreation Admin.	\$1,039,400	\$53,921	\$1,093,321	\$0	\$1,093,321	\$7,000	\$1,100,321	\$22,076	\$1,122,397
Kamper Park Zoo									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	0		0		\$0		0		0
Capital Outlays	0		0		\$0		0		0
Total - Kamper Park	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Recap - Parks & Recreation Fund:									
Personnel	\$1,820,932	\$0	\$1,820,932	\$0	\$1,820,932	\$0	\$1,820,932	\$52,076	\$1,873,008
Supplies & Expenses	454,872	15,330	470,202	10,000	\$480,202	7,000	\$487,202	10,000	497,202
Other Services & Charges	808,799	65,589	874,388	100,000	\$974,388	106,876	\$1,081,264	13,000	1,094,264
Capital Outlays	0	108,541	108,541	55,207	\$163,748	248,500	\$412,248	0	412,248
Total - Recreation Maint.	\$3,084,603	\$189,460	\$3,274,063	\$165,207	\$3,439,270	\$362,376	\$3,801,646	\$75,076	\$3,876,722
Municipal Fire Protection (Fund #5):									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	69,386		69,386		\$69,386		69,386		69,386
Other Services & Charges	26,970		26,970		\$26,970		26,970		26,970
Capital Outlays	179,000	4,535	183,535		\$183,535		183,535		183,535
Principal Payments	353,057		353,057		\$353,057		353,057		353,057
Interest Payments	15,569		15,569		\$15,569		15,569		15,569
Total - Municipal Fire Prot. Fund	\$643,982	\$4,535	\$648,517	\$0	\$648,517	\$0	\$648,517	\$0	\$648,517

CITY OF HATTIESBURG, MS
Analysis of Expenditure Budgets - Funds Other Than General
Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/April Amend'ts	Proposed Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Special Streets (Fund #8):									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	7		7		\$7		7	-7	0
Other Services & Charges	60,925	118,365	179,290		\$179,290		179,290		179,290
Capital Outlays	0		0		\$0		0		0
Total - Special Streets	\$60,932	\$118,365	\$179,297	\$0	\$179,297	\$0	\$179,297	-\$7	\$179,290
Water & Sewer Operation & Maint. (Fund #9):									
Customer Accounts Cost Center									
Personnel	\$462,123		\$462,123		\$462,123		\$462,123	\$4,000	\$466,123
Supplies & Expenses	36,300	297	36,597		\$36,597		36,597		36,597
Other Services & Charges	141,200	75	141,275		\$141,275		141,275	-4,000	137,275
Capital Outlays	0		0		\$0		0		0
Total - Customer Accounts	\$639,623	\$372	\$639,995	\$0	\$639,995	\$0	\$639,995	\$0	\$639,995
Water Transmission Cost Center									
Personnel	\$812,656		\$812,656		\$812,656		\$812,656		\$812,656
Supplies & Expenses	240,776	1,245	242,021	5,000	\$247,021	35,216	282,237	30,000	312,237
Other Services & Charges	776,000	10,994	786,994	5,000	\$791,994	267,502	1,059,496	233,139	1,292,635
Capital Outlays	0		0		\$0	45,000	45,000	-2,800	42,200
Total - Water Trans.	\$1,829,432	\$12,239	\$1,841,671	\$10,000	\$1,851,671	\$347,718	\$2,199,389	\$260,339	\$2,459,728
Plant Cost Center									
Personnel	\$633,558		\$633,558		\$633,558		\$633,558		\$633,558
Supplies & Expenses	132,400	1,200	133,600	15,000	\$148,600	8,150	156,750	21,000	177,750
Other Services & Charges	1,062,899	44,056	1,106,955	235,000	\$1,341,955	348,830	1,690,785	18,200	1,708,985
Capital Outlays	0	156,000	156,000		\$156,000	50,000	206,000	-18,200	187,800
Total - Plant	\$1,828,857	\$201,256	\$2,030,113	\$250,000	\$2,280,113	\$406,980	\$2,687,093	\$21,000	\$2,708,093
Sewer Cost Center									
Personnel	\$768,045		\$768,045		\$768,045		\$768,045		\$768,045
Supplies & Expenses	307,100		307,100		\$307,100	51,019	358,119		358,119
Other Services & Charges	1,332,660		1,332,660	4,000	\$1,336,660	25,141	1,361,801	279,050	1,640,851
Capital Outlays	0		0		\$0	12,000	12,000		12,000
Total - Water Trans.	\$2,407,805	\$0	\$2,407,805	\$4,000	\$2,411,805	\$88,160	\$2,499,965	\$279,050	\$2,779,015
Lagoon Cost Center									
Personnel	\$297,156		\$297,156		\$297,156		\$297,156		\$297,156
Supplies & Expenses	372,100	623	372,723		\$372,723	3,166	375,889	280,000	655,889
Other Services & Charges	1,773,820	30,825	1,804,645	6,000	\$1,810,645	201,209	2,011,854	310,000	2,321,854
Capital Outlays	12,000		12,000		\$12,000		12,000		12,000
Principal Payments	0		0		\$0		0		0
Interest Payments	0		0		\$0		0		0
Total - Lagoon Cost Center	\$2,455,076	\$31,448	\$2,486,524	\$6,000	\$2,492,524	\$204,375	\$2,696,899	\$590,000	\$3,286,899

CITY OF HATTIESBURG, MS
Analysis of Expenditure Budgets - Funds Other Than General
Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/April Amend'ts	Proposed Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Recap: Water & Sewer O & M Fund:									
Personnel	\$2,973,538	\$0	\$2,973,538	\$0	\$2,973,538	\$0	\$2,973,538	\$4,000	\$2,977,538
Supplies & Expenses	1,088,676	3,365	1,092,041	20,000	\$1,112,041	97,551	\$1,209,592	331,000	\$1,540,592
Other Services & Charges	5,086,579	85,950	5,172,529	250,000	\$5,422,529	842,682	\$6,265,211	836,389	\$7,101,600
Capital Outlays	12,000	156,000	168,000	0	\$168,000	107,000	\$275,000	-21,000	\$254,000
Principal Payments	0	0	0	0	\$0	0	\$0	0	\$0
Interest Payments	0	0	0	0	\$0	0	\$0	0	\$0
Total - Water & Sewer O & M Fund	\$9,160,793	\$245,315	\$9,406,108	\$270,000	\$9,676,108	\$1,047,233	\$10,723,341	\$1,150,389	\$11,873,730
Water & Sewer Bond & Int. (Fund #10):									
Principal Payments	\$4,805,000		\$4,805,000		\$4,805,000		\$4,805,000		\$4,805,000
Interest Payments	\$2,595,800		\$2,595,800		\$2,595,800		\$2,595,800		\$2,595,800
Paying Agent Fees	\$13,000		\$13,000		\$13,000		\$13,000		\$13,000
Total - W & S Bond & Int. Fund	\$7,413,800	\$0	\$7,413,800	\$0	\$7,413,800	\$0	\$7,413,800	\$0	\$7,413,800
Water & Sewer Revenue (Fund #11):									
Principal Payments	\$173,772		\$173,772		\$173,772		\$173,772		\$173,772
Interest Payments	8,763		8,763		\$8,763		8,763		8,763
Other services & charges	29,900		29,900		\$29,900		29,900	3,000	32,900
Transfers to other funds	19,031,000		19,031,000		\$19,031,000		19,031,000	2,984,055	22,015,055
Total - W & S Revenue Fund	\$19,243,435	\$0	\$19,243,435	\$0	\$19,243,435	\$0	\$19,243,435	\$2,987,055	\$22,230,490
1999 Tax Increment (Walmart) Bond & Int (Fund #12):									
Principal Payments	\$0		\$0		\$0		\$0		\$0
Interest Payments	0		0		\$0		\$0		0
Paying Agent Fees	0		0		\$0		\$0		0
Total - 1999 TIF Bond & Int Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
City Bond & Interest (Fund #13):									
Principal Payments	\$1,935,000		\$1,935,000		\$1,935,000		\$1,935,000		\$1,935,000
Interest Payments	273,200		273,200		\$273,200		273,200		273,200
Other Services & Charges	39,000		39,000		\$39,000		39,000		39,000
Paying Agent Fees	15,000		15,000		\$15,000		15,000		15,000
Total - 1999 TIF Bond & Int Fund	\$2,262,200	\$0	\$2,262,200	\$0	\$2,262,200	\$0	\$2,262,200	\$0	\$2,262,200
USA Yeast Bond & Interest (Fund #15):									
Principal Payments	\$0	\$0	\$0		\$0		\$0		\$0
Interest Payments	0	0	0		\$0		0		0
Transfers Out	0	0	0		\$0		0		0
other services & charges	0		0		\$0		0		0
Total - 1999 TIF Bond & Int Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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CITY OF HATTIESBURG, MS
Analysis of Expenditure Budgets - Funds Other Than General
Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/April Amend'ts	Proposed Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Police Fines & Forfeitures (Fund #19):									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	37,000	4,441	41,441		\$41,441		41,441		41,441
Other Services & Charges	26,600		26,600		\$26,600		26,600		26,600
Capital Outlays	100,000	8,917	108,917		\$108,917		108,917		108,917
Transfers	0		0		\$0		0		0
Total - Fines & Forf. Fund	\$163,600	\$13,358	\$176,958	\$0	\$176,958	\$0	\$176,958	\$0	\$176,958
Series 2002 TIF Bond & Int (Southern Pointe, Fund #20):									
Principal Payments	\$135,000		\$135,000		\$135,000		\$135,000		\$135,000
Interest Payments	110,702		110,702		\$110,702		110,702		110,702
other services & charges	2,000		2,000		\$2,000		2,000		2,000
Total - 1999 TIF Bond & Int Fund	\$247,702	\$0	\$247,702	\$0	\$247,702	\$0	\$247,702	\$0	\$247,702
Series 2004 TIF Bond & Int (Home Depot, Fund #21):									
Principal Payments	\$0		\$0		\$0		\$0		\$0
Interest Payments	0		0		\$0		0		0
other services & charges	0		0		\$0		0		0
Total - 2004 TIF Bond & Int Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Series 2003 TIF Bond & Int (Chauvet Sq., Fund #22):									
Principal Payments	\$115,000		\$115,000		\$115,000		\$115,000		\$115,000
Interest Payments	77,318		77,318		\$77,318		77,318		77,318
other services & charges	2,000		2,000		\$2,000		2,000		2,000
Transfers to other Funds	0		0		\$0		0		0
Total - 2003 TIF Bond & Int Fund	\$194,318	\$0	\$194,318	\$0	\$194,318	\$0	\$194,318	\$0	\$194,318
Series 2007 TIFBond & Int (Turtle Creek Fund 23):									
Principal Payments	355,000		355,000		\$355,000		355,000		355,000
Interest Payments	92,283		92,283		\$92,283		92,283		92,283
Other Services & Charges	3,500		3,500		\$3,500		3,500		3,500
Total - 2007 TIF Bond & Int Fund	\$450,783	\$0	\$450,783	\$0	\$450,783	\$0	\$450,783	\$0	\$450,783
Series 2008 TIF Bond & Int (Lincoln Center Fund 24):									
Principal Payments	\$40,000		40,000		\$40,000		40,000		40,000
Interest Payments	\$13,200		13,200		\$13,200		13,200		13,200
Other Services & Charges	\$1,000		1,000		\$1,000		1,000		1,000
Total - 2008 TIF Bond & Int Fund	\$54,200	\$0	\$54,200	\$0	\$54,200	\$0	\$54,200	\$0	\$54,200
Series 2011 TIF Bond & Int (Turtle Creek Commons/Kohl's Fund 25):									
Principal Payments	\$70,000		70,000		\$70,000		70,000		70,000
Interest Payments	\$19,500		19,500		\$19,500		19,500		19,500
Other Services & Charges	\$2,000		2,000		\$2,000		2,000		2,000
Total - 2008 TIF Bond & Int Fund	\$91,500	\$0	\$91,500	\$0	\$91,500	\$0	\$91,500	\$0	\$91,500
Series 22016 TIF Bond & Int (Whispering Pines Fund 26):									
Principal Payments			0		\$0		0	\$153,000	153,000

CITY OF HATTIESBURG, MS

Analysis of Expenditure Budgets - Funds Other Than General

Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/April Amend'ts	Proposed Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Interest Payments			0		\$0		0	\$126,733	126,733
Other Services & Charges			0		\$0		0	\$1,300	1,300
Total - 2008 TIF Bond & Int Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$281,033	\$281,033
Series 2016 TIF Bond & Int (Hburg Clinic Midtown Fund 28):									
Principal Payments			0		\$0		0	\$42,000	42,000
Interest Payments			0		\$0		0	\$28,385	28,385
Other Services & Charges			0		\$0		0	\$0	0
Total - 2008 TIF Bond & Int Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,385	\$70,385
Airport Imp. (Fund #39):									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	0		0		\$0	35,000	35,000		35,000
Capital Outlays	1,380,000		1,380,000		\$1,380,000		1,380,000	-397,251	982,749
Total - Airport Imp. Fund	\$1,380,000	\$0	\$1,380,000	\$0	\$1,380,000	\$35,000	\$1,415,000	-\$397,251	\$1,017,749
Series 2015A TIF Bond & Int (The Ridge at Turtle Creek)									
(Fund #50)									
Principal Payments	70000		70,000		70,000		70,000	-10,000	60,000
Interest Payments	77000		77,000		77,000		77,000	-11,275	65,725
Paying Agent Fees	2000		2,000		2,000		2,000		2,000
Other Services & Charges	0		0		0		0		0
Total - 2007 G.O.Refunding	\$ 149,000	\$ -	\$ 149,000	\$ -	\$ 149,000	\$ -	\$ 149,000	\$ (21,275)	\$ 127,725
Series 2015B TIF Bond & Int (Midtown Market)									
(Fund #51)									
Principal Payments			0		0		0	10,000	10,000
Interest Payments			0		0		0	11,275	11,275
Paying Agent Fees			0		0		0	1,940	1,940
Other Services & Charges			0		0		0		0
Total - 2007 G.O.Refunding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,215	\$ 23,215
Municipal Road & Bridge (Fund #72):									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	875,000	880,406	1,755,406		\$1,755,406	200,000	1,955,406		1,955,406
Capital Outlays	4,672,520		4,672,520	516,665	\$5,189,185	155,000	5,344,185	262,279	5,606,464
Principal	0		0		\$0		0		0
Interest	0		0		\$0		0		0
Total - Municipal Road & Bridge	\$5,547,520	\$880,406	\$6,427,926	\$516,665	\$6,944,591	\$355,000	\$7,299,591	\$262,279	\$7,561,870
Mass Transit (Fund #73):									
Personnel	\$827,011	\$18,056	\$845,067	\$96,135	\$941,202		\$941,202	\$0	\$941,202
Supplies & Expenses	214,300	1,200	215,500		\$215,500		215,500		215,500
Other Services & Charges	517,350	35,704	553,054		\$553,054		553,054	10,000	563,054
Capital Outlays	386,318	0	386,318		\$386,318	615,566	1,001,884	-156,465	845,419
Total - Mass Transit Fund	\$1,944,979	\$54,960	\$1,999,939	\$96,135	\$2,096,074	\$615,566	\$2,711,640	-\$146,465	\$2,565,175

CITY OF HATTIESBURG, MS
 Analysis of Expenditure Budgets - Funds Other Than General
 Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/April Amend'ts	Proposed Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets	
Water & Sewer Construction (Fund #75):										
Personnel	\$0		\$0		\$0		\$0		\$0	
Supplies & Expenses	0		0		\$0		0		0	
Other Services & Charges	400,100		400,100		\$400,100	1,100,000	1,500,100	388,000	1,888,100	— <i>over</i>
Transfers								4,625,000	4,625,000	— <i>adj transfer</i>
Capital Outlays	2,250,000		2,250,000		\$2,250,000		2,250,000	1,060,600	3,310,600	—
Total - W & S Construction Fund	\$2,650,100	\$0	\$2,650,100	\$0	\$2,650,100	\$1,100,000	\$3,750,100	\$6,073,600	\$9,823,700	

CITY OF HATTIESBURG, MS
 Analysis of Expenditure Budgets - Funds Other Than General
 Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/April Amend'ts	Proposed Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Community Centers (Fund #77):									
Personnel	\$551,678		\$551,678		\$551,678		\$551,678	\$10,000	\$561,678
Supplies & Expenses	67,050		67,050		\$67,050		67,050		67,050
Other Services & Charges	175,010		175,010		\$175,010		175,010		175,010
Capital Outlays	0	5,400	5,400		\$5,400	124,750	130,150		130,150
Total - Community Centers Fund	\$793,738	\$5,400	\$799,138	\$0	\$799,138	\$124,750	\$923,888	\$10,000	\$933,888
Community Dev. Block Grant (Fund #82):									
Personnel	\$168,760		\$168,760		\$168,760		\$168,760	\$3,078	\$171,838
Supplies & Expenses	5,600		5,600		\$5,600		5,600		5,600
Other Services & Charges	106,017		106,017		\$106,017	10,000	116,017	3,922	119,939
Capital Outlays	466,194		466,194	468,000	\$934,194	-60,000	874,194		874,194
Transfers	0		0		\$0		0		0
Total - CDBG Fund	\$746,571	\$0	\$746,571	\$468,000	\$1,214,571	-\$50,000	\$1,164,571	\$7,000	\$1,171,571
Series 2009 G.O. Bonds - AMR Project (Fund #78)									
Supplies	\$0		0		\$0		0		0
Other Services & Charges	\$0		0		\$0		0		0
Transfers Out	\$0		0		\$0		0		0
Capital Outlay	0		0		\$0		0		0
Total - Series 2009 G.O. Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Public Safety/Recreation Construction (Fund #88):									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	2,800,000		2,800,000		\$2,800,000		2,800,000		2,800,000
Capital Outlays	22,200,000		22,200,000		\$22,200,000		22,200,000		22,200,000
Transfers to other Funds	0		0		\$0		0		0
Total - Series 2002 Const. Fund	\$25,000,000	\$0	\$25,000,000	\$0	\$25,000,000	\$0	\$25,000,000	\$0	\$25,000,000
MDA Energy Efficiency Capital Projects (Fund 89):									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	3,000		3,000		\$3,000		3,000	-3,000	0
Capital Outlays	2,172,000	263,738	2,435,738		\$2,435,738		2,435,738		2,435,738
Transfers	0		0		\$0		0		0
Total - Series 2004 Const. Fund	\$2,175,000	\$263,738	\$2,438,738	\$0	\$2,438,738	\$0	\$2,438,738	-\$3,000	\$2,435,738
Series 2008 G.O. Note (Downtown Lighting)(Fund # 90):									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	0		0		\$0		0		0
Capital Outlays	0		0		\$0		0		0
Transfers	0		0		\$0		0		0
Total - Series 2004 Const. Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

CITY OF HATTIESBURG, MS
 Analysis of Expenditure Budgets - Funds Other Than General
 Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/April Amend'ts	Proposed Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
TIF Construction (Fund # 91):									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	0		0		\$0		0		0
Capital Outlays	0		0		\$0		0		0
Transfers	0		0		\$0		0	211,591	211,591
Total - Series 2004 Const. Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$211,591	\$211,591
Series 2001 G.O. Bond Construction (Fund # 95):									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	0		0		\$0		0		0
Capital Outlays	173		173		\$173		173	-173	0
Transfers	0		0		\$0		0	173	173
Total - Series 2001 Const. Fund	\$173	\$0	\$173	\$0	\$173	\$0	\$173	\$0	\$173
Mississippi Dev. Bank Construction (Fund # 96):									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	0		0		\$0		0		0
Transfers			0		\$0		0		0
Capital Outlays	0		0		\$0		0		0
Total - MDB Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Kamper Park Imp. (Fund #98):									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	0		0		\$0		0		0
Capital Outlays	2,238		2,238		\$2,238		2,238		2,238
Total - Kamper Park Imp. Fund	\$2,238	\$0	\$2,238	\$0	\$2,238	\$0	\$2,238	\$0	\$2,238
Series 2010 Water & Sewer G.O. Constr. (Fund #99):									
Personnel					\$0				
Supplies & Expenses					\$0				
Other Services & Charges			0		\$0		0		0
Capital Outlay	\$0		0		\$0		0		0
Transfers out	\$0		0		\$0		\$0		\$0
Total - Series 2010 Constr.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

CITY OF HATTIESBURG, MS
Analysis of Expenditure Budgets - Funds Other Than General
Fiscal Year Ending September 30, 2017

	Original FY 2017 Budgets	Oct/Nov Amend'ts	Amended Budgets	Jan/Feb Amend'ts	Amended Budgets	Mar/April Amend'ts	Proposed Amended Budgets	Proposed August Amend'ts	Proposed Amended Budgets
Series 2013 Water & Sewer Revenue Constr. (Fund #105):									
Personnel			0		\$0		0		0
Supplies & Expenses			0		\$0		0		0
Other Services & Charges	\$0	\$740,672	740,672		\$740,672		740,672	-\$172,281	568,391
Capital Outlay	\$750,000	\$596,110	1,346,110		\$1,346,110		1,346,110	\$400,392	1,746,502
Transfers			0		\$0		0		0
Total - Series 2013 Constr.	\$750,000	\$1,336,782	\$2,086,782	\$0	\$2,086,782	\$0	\$2,086,782	\$228,111	\$2,314,893
Series 2016 Water & Sewer Taxable Bonds Constr. (Fund #93):									
Personnel			0		\$0		0		0
Supplies & Expenses			0		\$0		0		0
Other Services & Charges	\$0	\$1,314,000	1,314,000		\$1,314,000		1,314,000		1,314,000
Capital Outlay	\$0	\$23,686,000	23,686,000		\$23,686,000		23,686,000		23,686,000
Transfers		\$0	0		\$0		0		0
Total - Series 2016 Constr.	\$0	\$25,000,000	\$25,000,000	\$0	\$25,000,000	\$0	\$25,000,000	\$0	\$25,000,000
Series 2012 Water & Sewer Const. (Fund #94):									
Personnel	\$0		\$0		\$0		\$0		\$0
Supplies & Expenses	0		0		\$0		0		0
Other Services & Charges	0		0		\$0		0		0
Capital Outlays	21,244		21,244		\$21,244		21,244	-21,244	0
Transfers Out	0		0		\$0		0		0
Total - Series 2012 Const.	\$21,244	\$0	\$21,244	\$0	\$21,244	\$0	\$21,244	-\$21,244	\$0
GRAND TOTAL - FUNDS OTHER THAN THE GENERAL FUND	\$84,232,411	\$28,112,319	\$112,344,730	\$1,516,007	\$113,860,737	\$3,589,925	\$117,450,662	\$10,782,648	\$128,233,310
General Fund	\$49,124,882	\$1,489,352	\$50,614,234	\$868,255	\$51,482,489	\$3,216,652	\$54,699,141	\$4,735,719	\$59,434,860
TOTAL EXPENDITURES & TRANSFERS	\$133,357,293	\$29,601,671	\$162,958,964	\$2,384,262	\$165,343,226	\$6,806,577	\$172,149,803	\$15,518,367	\$187,668,170
Less: Interfund Transfers	-22,491,000	0	-22,491,000	0	-22,491,000	0	-22,491,000	-7,820,819	-30,311,819
TOTAL EXPENDITURES	\$110,866,293	\$29,601,671	\$140,467,964	\$2,384,262	\$142,852,226	\$6,806,577	\$149,658,803	\$7,697,548	\$157,356,351
Recap of City-Wide Expenditure Budgets:									
Personnel	\$37,302,416	\$209,596	\$37,512,012	\$96,135	\$37,608,147	\$62,935	\$37,671,082	\$708,910	\$38,379,992
Supplies & Expenses	\$4,619,298	\$51,345	\$4,670,643	\$157,180	\$4,827,823	\$180,335	\$5,008,158	\$446,815	\$5,454,973
Other Services & Charges	\$21,542,254	\$4,058,966	\$25,601,220	\$783,175	\$26,384,395	\$4,649,819	\$31,034,214	\$2,653,405	\$33,687,619
Capital Outlays	\$35,089,637	\$25,281,764	\$60,371,401	\$1,344,772	\$61,716,173	\$1,913,488	\$63,629,661	\$3,334,586	\$66,964,247
Principal Payments	8,642,479	0	8,642,479	3,000	8,645,479	0	8,645,479	195,000	8,840,479
Interest Payments	3,670,209	0	3,670,209	0	3,670,209	0	3,670,209	358,832	4,029,041
Total Expenditure Budgets	\$110,866,293	\$29,601,671	\$140,467,964	\$2,384,262	\$142,852,226	\$6,806,577	\$149,658,803	\$7,697,548	\$157,356,351

RESOLUTION

WHEREAS, the Mayor and City Council of the City of Hattiesburg, Mississippi, have determined that expenditures within the City will exceed the original budget appropriation; and

WHEREAS, the additional appropriation needed is in excess of ten percent (10%) of the original appropriation, and in accordance with Section 21-35-25 of the Mississippi Code of 1972, as amended, shall be published;

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HATTIESBURG:

Section 1. That the following budget amendments are hereby authorized to be made in the City's General Fund General Government Supplies Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$224,455	\$60,444	\$284,899	Adjust for prior yr purchase orders, tornado expenses, court utilities and bldg repairs, budget MPO grant, copier supplies

Section 2. That the following budget amendments are hereby authorized to be made in the City's General Fund General Government Other Services & Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$4,559,876	\$818,433	\$5,378,309	Adjust for prior yr purchase orders; tornado expenses; grants; network charges; insurance premium increase

Section 3. That the following budget amendments are hereby authorized to be made in the City's General Fund General Government Capital Outlay Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$328,700	\$764,629	\$1,093,329	Mun.Court renovation; generator at Depot; church demolition

Section 4. That the following budget amendments are hereby authorized to be made in the City's General Fund Police Supplies Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$487,536	\$157,282	\$644,818	Prior yr purchase orders, Byrne Grant, BPV Grant, minor equipment; fuel; vehicle repair parts

Section 5. That the following budget amendments are hereby authorized to be made in
the City's General Fund Police Other Services & Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$397,311	\$87,079	\$484,390	Budget for phone system; utilities; vehicle repairs

Section 6. That the following budget amendments are hereby authorized to be made in
the City's General Fund Police Capital Outlays Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$169,250	\$1,067,394	\$1,236,644	Prior yr purchase orders; body cameras; fingerprint system; entry team equipment; patrol vehicles

Section 7. That the following budget amendments are hereby authorized to be made in
the City's General Fund Police & Fire Training Capital Outlays Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$0	\$33,000	\$33,000	Budget for vehicle purchase

Section 8. That the following budget amendments are hereby authorized to be made in
the City's General Fund Fire Capital Outlays Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$0	\$236,103	\$236,103	Budget for Airpack harnesses; portable bldg.; furniture for fire halls

Section 9. That the following budget amendments are hereby authorized to be made in
the City's General Fund Public Services Other Services & Charges Unappropriated Fund
Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$3,025,856	\$4,239,363	\$7,265,219	Prior yr purchase orders; paving; tornado expenses; debris removal costs

Section 10. That the following budget amendments are hereby authorized to be made in
the City's General Fund Public Services Capital Outlays Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$0	\$1,515,417	\$1,515,417	Budget for capital requests; NRCS grant; Gordon's Creek drainage project

Section 11. That the following budget amendments are hereby authorized to be made in

the City's General Fund Economic Development Other Services & Charges Unappropriated

Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$230,000	\$25,000	\$255,000	Budget contribution from Forrest County for downtown association

Section 12. That the following budget amendments are hereby authorized to be made in

the City's General Fund Debt Service Interest Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$386,874	\$203,714	\$590,588	Budget debt service on Johnson Controls energy performance costs

Section 13. That the following budget amendments are hereby authorized to be made in

the City's Parks and Recreation Other Services and Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$808,799	\$285,465	\$1,094,264	Budget for prior yr purchase orders, tornado expenses, repairs to tennis courts, fountain; electrical repairs; equipment rental

Section 14. That the following budget amendments are hereby authorized to be made in the

City's Water & Sewer Operations & Maintenance Supplies Unappropriated

Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$1,088,676	\$451,916	\$1,540,592	Prior yr open purchase orders; tornado expenses; fuel; plumbing supplies; chemicals for lagoon

Section 15. That the following budget amendments are hereby authorized to be made in the

City's Water & Sewer Operations & Maintenance Other Services and Charges Unappropriated

Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$5,086,579	\$2,015,021	\$7,101,600	Prior yr purchase orders; Tornado Expense; increase lagoon maintenance budget; water & sewer line repairs

Section 16. That the following budget amendments are hereby authorized to be made in the
City's Water & Sewer Fund Other Services & Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$29,900	\$3,000	\$32,900	Adjust budget for paying agent fee

Section 17. That the following budget amendments are hereby authorized to be made in the
City's Water & Sewer Fund Transfers Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$19,031,000	\$2,984,055	\$22,015,055	Adjust transfers to operating funds

Section 18. That the following budget amendments are hereby authorized to be made in the
City's TIF Bond & Interest Fund (Whispering Pines) Principal Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$153,000	\$153,000	Budget principal pmt on debt service

Section 19. That the following budget amendments are hereby authorized to be made in the
City's TIF Bond & Interest Fund (Whispering Pines) Interest Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$126,733	\$126,733	Budget interest pmt on debt service

Section 20. That the following budget amendments are hereby authorized to be made in the
City's TIF Bond & Interest Fund (Whispering Pines) Other Services & Charges Unappropriated
Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$1,300	\$1,300	Budget paying agent fee on debt service

Section 21. That the following budget amendments are hereby authorized to be made in the
City's TIF Bond & Interest Fund (Hattiesburg Clinic Midtown) Principal Unappropriated
Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$42,000	\$42,000	Budget principal pmt on debt service

Section 22. That the following budget amendments are hereby authorized to be made in the
City's TIF Bond & Interest Fund (Hattiesburg Clinic Midtown) Interest Unappropriated

Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$28,385	\$28,385	Budget interest pmt on debt service

Section 23. That the following budget amendments are hereby authorized to be made in the
City's TIF Bond & Interest Fund (Midtown Market) Principal Unappropriated

Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$10,000	\$10,000	Budget principal pmt on debt service

Section 24. That the following budget amendments are hereby authorized to be made in the
City's TIF Bond & Interest Fund (Midtown Market) Interest Unappropriated

Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$11,275	\$11,275	Budget interest pmt on debt service

Section 25. That the following budget amendments are hereby authorized to be made in the
City's TIF Bond & Interest Fund (Midtown Market) Other Services & Charges Unappropriated

Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$1,940	\$1,940	Budget paying agent fee on debt service

Section 26. That the following budget amendments are hereby authorized to be made in
the City's Municipal Road & Bridge Fund Capital Outlay Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$4,672,520	\$933,944	\$5,606,464	Lincoln & Hegwood Rd project; Mamie St relocation

Section 27. That the following budget amendments are hereby authorized to be made in
the City's Water & Sewer Construction Fund Other Services & Charges Unappropriated Fund

Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$400,100	\$1,488,000	\$1,888,100	Engineering costs on bond projects and storm drainage study

Section 28. That the following budget amendments are hereby authorized to be made in
the City’s Water & Sewer Construction Fund Transfers Unappropriated Fund

Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$4,625,000	\$4,625,000	Budget transfers to operating funds and debt service

Section 29. That the following budget amendments are hereby authorized to be made in
the City’s Water & Sewer Construction Fund Capital Outlay Unappropriated Fund

Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$2,250,000	\$1,060,600	\$3,310,600	Budget for 31 st Ave drainage and sewer project; Runnels Rd loop water line

Section 30. That the following budget amendments are hereby authorized to be made in
the City’s CDBG Fund Other Services & Charges Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$106,017	\$13,922	\$119,939	Adjust budget for professional services

Section 31. That the following budget amendments are hereby authorized to be made in
the City’s TIF Construction Fund Transfers Unappropriated Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$-0-	\$211,591	\$211,591	Transfer residual funds to debt service funds

Section 32. That the following budget amendments are hereby authorized to be made in
the City’s Series 2013 Water & Sewer Bonds Construction Fund Capital Outlay Unappropriated
Fund Balance:

ORIGINAL BALANCE	CUMULATIVE AMENDMENTS	AMENDED BUDGET	DESCRIPTION OF ITEMS NOT PREVIOUSLY LISTED
\$750,000	\$996,502	\$1,746,502	Adjust budgets for various construction projects

Section 33. That public interest and necessity requiring same, this resolution shall become
effective immediately from and after passage, but nevertheless to be published according to law.

The above and foregoing Resolution, after having been first reduced to writing, was
introduced by Councilperson _____, seconded by Councilperson
_____, and was adopted by the following, to wit;

YEAS:

NAYS:

The President thereby declared the motion carried and the Resolution adopted, this the 22nd day of August, 2017.

(S E A L)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

CITY OF HATTIESBURG, MS. - GENERAL FUND
Analysis of Revenue and Expenditure Budgets
Fiscal Year Ending September 30, 2017

	Original		Oct/Nov		Jan/Feb		Amended		Mar/Apr		Proposed	
	Budgets	Amend'ts	Budgets	Amend'ts	Budgets	Amend'ts	Budgets	Amend'ts	Budgets	Amend'ts	August	Amended
Revenues & Beg. Cash Balance:												
Taxes -Other	\$35,000		\$35,000				\$35,000					\$35,000
Licenses & Permits	4,448,800		4,448,800				\$4,448,800				50,000	\$4,498,800
Intergovernmental Revenues:												
Federal	767,231		767,231		402,000		\$1,169,231		2,327,655		666,541	\$4,163,427
State	298,257		298,257				\$298,257					\$298,257
State-Shared	22,149,000		22,149,000				\$22,149,000				600,000	\$22,749,000
County/City Shared	58,948		58,948				\$58,948					\$58,948
Charges for Services:												
Public Safety	157,000		157,000		40,000		\$197,000					\$197,000
Streets	1,500		1,500				\$1,500					\$1,500
Sanitation	2,206,000		2,206,000				\$2,206,000					\$2,206,000
Misc.	0		0				\$0					\$0
Fines & Forf.	1,353,200		1,353,200				\$1,353,200				15,000	\$1,368,200
Misc. Revenues	198,900		198,900		70,928		\$269,828				28,750	\$298,578
Transfers-In	543,000		543,000				\$543,000					\$543,000
Non-Revenue Receipts	278,912		278,912				\$278,912		672,033		1,211,211	\$2,162,156
TOTAL REVENUES EXCLUSIVE OF			0				0					\$0
PROPERTY TAXES	\$32,495,748		\$32,495,748		\$512,928		\$33,008,676		\$2,999,688		\$2,571,502	\$38,579,866
Beg. Fund Balance	5,500,000		2,647,959		8,147,959		\$8,147,959				-20,201	\$8,127,758
Property Tax Levy	14,500,000		0		500,000		\$15,000,000					15,000,000
TOTAL AVAIL. REVENUES	\$52,495,748		\$2,647,959		\$55,143,707		\$56,156,635		\$2,999,688		\$2,551,301	\$61,707,624

THE GENERAL FUND EXPENDITURE BUDGETS:

001003	City Council											
	Personnel	\$297,046		\$297,046								297,046
	Supplies & Expenses	3,400		3,400								3,400
	Other Services & Charges	131,200	290	131,490								131,490
	Capital Outlays	0		0								0
	Total - City Council	\$431,646	\$290	\$431,936	\$0		\$431,936	\$0			\$0	\$431,936
001015	City Court											
	Personnel	\$1,151,497	\$30,850	\$1,182,347	\$20,732		\$1,203,079				-\$58,300	1,144,779
	Supplies & Expenses	36,400		36,400	7,720		\$44,120					44,120
	Other Services & Charges	301,451	796	302,247			\$302,247				93,213	395,460
	Capital Outlays	0		0			\$0					0
	Total - City Court	\$1,489,348	\$31,646	\$1,520,994	\$28,452		\$1,549,446	\$0			\$34,913	\$1,584,359

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

GENERAL FUND:

REVENUES & BEG. CASH:

Taxes - Other	\$35,000
Licenses & Permits	4,498,800
Inter-governmental Revenues:	
Federal Grants	4,163,427
State Grants	298,257
State-Shared Revenues	22,749,000
County Shared Revenues	58,948
Charges for Services:	
Public safety	197,000
Streets	1,500
Sanitation	2,206,000
Misc.	0
Fines & Forfeits	1,368,200
Miscellaneous	298,578
Transfers-In	543,000
Non-Revenue Receipts	2,162,156
Total From All Sources	
Other Than taxation	38,579,866
Beginning Cash and	
Investment Balance	8,127,758
Amount to be Raised by Tax Levy	15,000,000
TOTAL FROM ALL SOURCES	\$61,707,624

EXPENDITURES & ENDING CASH:

General Government:	
Personnel	4,551,835
Supplies & Expenses	284,899
Other services & Charges	5,378,309
Capital Outlays	1,093,329
Total - General Government	11,308,372
Police Dept.:	
Personnel	10,837,305
Supplies & Expenses	644,818
Other services & Charges	484,390
Capital Outlays	1,236,644
Total - Police Dept.	13,203,157
Police & Fire Training:	
Personnel	36,897
Supplies & Expenses	114,732
Other services & Charges	94,081
Capital Outlays	33,000
Total - Police & Fire Training	278,710
Fire Dept.:	
Personnel	7,710,399
Supplies & Expenses	321,913
Other services & Charges	292,231
Capital Outlays	236,103
Total - Fire Dept.	8,560,646
Land Development Administration:	
Personnel	602,464
Supplies & Expenses	29,939
Other services & Charges	161,195
Capital Outlays	0
Total - Land Dev. Admin.	793,598

Public Safety Contractual Services:	
Personnel	221,800
Other services & Charges	1,201,000
Total - Pub. Safety Cont. Serv.	<u>1,422,800</u>
Public Services:	
Personnel	6,641,103
Supplies & Expenses	1,474,861
Other services & Charges	7,265,219
Capital Outlays	1,515,417
Total - Public Services	<u>16,896,600</u>
Animal Control	
Personnel	157,355
Supplies & Expenses	14,800
Other services & Charges	133,235
Capital Outlays	0
Total - Animal Control	<u>305,390</u>
Human/Social	
Other services & Charges	249,880
Total - Human/Social	<u>249,880</u>
Economic Development	
Personnel	
Supplies & Expenses	
Other services & Charges	255,000
Capital Outlays	0
Total - Eco. Dev.	<u>255,000</u>
Debt Service:	
Principal Payments	593,650
Interest Payments	590,588
Total - Debt service	<u>1,184,238</u>
Airport	
Personnel	82,325
Supplies & Expenses	38,200
Other services & Charges	85,958
Capital Outlays	0
Total - Airport	<u>206,483</u>
Cemetery	
Personnel	774,843
Supplies & Expenses	84,950
Other services & Charges	61,351
Capital Outlays	71,000
Total - Cemetery	<u>992,144</u>
Parking Garages	
Personnel	238,402
Supplies & Expenses	9,090
Other services & Charges	70,350
Capital Outlays	0
Total - Parking Garages	<u>317,842</u>
Operating Transfers Out	<u>3,460,000</u>
Total Expenditures & Transfers	<u>59,434,860</u>
Ending Cash Balance	<u>\$2,272,764</u>
TOTAL EXPENDITURES AND ENDING CASH BALANCE	<u>\$61,707,624</u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

PARKS & RECREATION FUND:

REVENUES & BEG. CASH:

Inter-governmental Revenues:

Federal Grants	\$132,585
State Grants	0
County Shared Revenues	0
Misc. grants	7,000

Charges for Services:

Culture & Recreation	30,340
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Miscellaneous	51,430
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Transfers-In	2,240,000
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Non-Revenue Receipts	0
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Total From All Sources

2,461,355

Beginning Cash and

Investment Balance	620,798
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Amount to be Raised by Tax Levy	848,791
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TOTAL FROM ALL SOURCES	\$3,930,944
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EXPENDITURES & ENDING CASH:

Culture & Recreation:

Personnel	1,873,008
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Supplies & Expenses	497,202
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Other services & Charges	1,094,264
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Capital Outlays	412,248
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Total Expenditures	\$3,876,722
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Cash balance at End of Year	54,222
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**TOTAL EXPENDITURES AND
ENDING CASH BALANCE**

\$3,930,944

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

MUNICIPAL FIRE PROTECTION FUND:

REVENUES & BEG. CASH:

Inter-governmental Revenues:	
State-Shared Revenues	\$235,000
Charges for Services	95,652
Fines & Forfeits	1,500
Miscellaneous	5,000
Transfers In	0
Non-Revenue Receipts	0
Total From All Sources	
Other Than taxation	<u>337,152</u>
Beginning Cash and	
Investment Balance	<u>910,048</u>
TOTAL FROM ALL SOURCES	<u><u>\$1,247,200</u></u>

EXPENDITURES & ENDING CASH:

Public Safety:	
Personnel	\$0
Supplies & Expenses	69,386
Other services & Charges	26,970
Capital Outlays	183,535
Lease Debt Service - Principal	353,057
Lease Debt Service - Interest	<u>15,569</u>
Total Expenditures	<u>\$648,517</u>
Cash balance at End of Year	<u>598,683</u>
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	<u><u>\$1,247,200</u></u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

***SPECIAL STREET
SPECIAL REVENUE FUND:***

REVENUES & BEG. CASH:

Inter-governmental Revenues:

Federal Grants	\$0
State Shared Revenues	45,000
Misc. grants	0
Miscellaneous	500
Non-Revenue Receipts	0

Total From All Sources

Other Than taxation

Beginning Cash and

Investment Balance

TOTAL FROM ALL SOURCES

\$179,290

EXPENDITURES & ENDING CASH:

Public Services:

Supplies & Expenses	0
Other services & Charges	179,290
Capital Outlays	0
Total Expenditures	\$179,290

Cash balance at End of Year

TOTAL EXPENDITURES AND

ENDING CASH BALANCE

\$179,290

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

**WATER & SEWER OPERATION
AND MAINTENANCE FUND:**

REVENUES & BEG. CASH:

Charges for Services	\$25,000
Transfers-In	9,975,000
Miscellaneous	2,500
Non-Revenue Receipts	250,000
Total From All Sources	<u>10,252,500</u>
Other Than taxation	<u>10,252,500</u>
Beginning Cash and Investment Balance	1,626,981
TOTAL FROM ALL SOURCES	<u><u>\$11,879,481</u></u>

EXPENDITURES & ENDING CASH:

Personnel	2,977,538
Supplies & Expenses	1,540,592
Other services & Charges	7,101,600
Capital Outlays	254,000
Lease Debt Service - Principal	0
Lease Debt Service - Interest	0
Total Expenditures	<u>\$11,873,730</u>
Cash balance at End of Year	<u>5,751</u>
TOTAL EXPENDITURES AND ENDING CASH BALANCE	<u><u>\$11,879,481</u></u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

**WATER & SEWER BOND
AND INTEREST FUND:**

REVENUES & BEG. CASH:

Transfers-In	\$11,431,000
Miscellaneous	0
Non-Revenue Receipts	
Total Revenues	<u>11,431,000</u>
Beginning Cash Balance	<u>7,011,723</u>
TOTAL FROM ALL SOURCES	<u><u>\$18,442,723</u></u>

EXPENDITURES & ENDING CASH:

Bonds Redeemed	4,805,000
Interest on Bonds	2,595,800
Paying Agent Fees	13,000
Total Expenditures	<u>7,413,800</u>
Cash balance at End of Year	<u>11,028,923</u>
TOTAL EXPENDITURES AND ENDING CASH BALANCE	<u><u>\$18,442,723</u></u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

WATER & SEWER ENTERPRISE FUND:

REVENUES & BEG. CASH:

Charges for Services:	
Licenses, Permits & Fees	\$4,000
Miscellaneous	3,500
Metered Water Sales	11,846,490
Taps	170,000
Water Turn-On Fees	50,000
Sewer Connections	40,000
Sewer Charges	10,116,500
Total Revenues	<u>22,230,490</u>
Beginning Fund Balance	<u>0</u>
TOTAL FROM ALL SOURCES	<u>\$22,230,490</u>

EXPENDITURES & ENDING CASH:

Other Services & Charges	32,900
Principal Redeemed - Notes	173,772
Interest on Notes	8,763
Operating Transfers Out	22,015,055
Total Expenditures	<u>\$22,230,490</u>
Cash balance at End of Year	<u>\$0</u>
TOTAL EXPENDITURES AND ENDING CASH BALANCE	<u>\$22,230,490</u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

CITY BOND & INTEREST
FUND (DEBT SERVICE FUND):

REVENUES & BEG. CASH:

County-Shared Revenues	\$5,210
Interest	1,500
Non-Revenue receipts	215,630
Transfers-In	399,330
Total From All Sources	
Other Than taxation	621,670
Beginning Cash and	
Investment Balance	3,585,148
Amount to be Raised by Tax Levy	2,691,000
TOTAL FROM ALL SOURCES	\$6,897,818

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	1,935,000
Interest on Bonds	273,200
Other Services & Charges	39,000
Paying Agent Fees	15,000
Total Expenditures	\$2,262,200
Cash balance at End of Year	4,635,618
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$6,897,818

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

FINES & FORFEITURES FUND:

REVENUES & BEG. CASH:

State grants	
Charges for Services	0
Fines & Forfeits	0
Miscellaneous	0
Non-Revenue Receipts	0
Total From All Sources	
Other Than taxation	0
Beginning Cash and	
Investment Balance	350,262
TOTAL FROM ALL SOURCES	\$350,262

EXPENDITURES & ENDING CASH:

Public Safety:	
Personnel	0
Supplies & Expenses	41,441
Other services & Charges	26,600
Capital Outlays	108,917
Transfers Out	0
Total Expenditures	\$176,958
Cash balance at End of Year	173,304
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$350,262

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

SERIES 2002 TIF BOND & INTEREST
FUND (Southern Pointe Project):

REVENUES & BEG. CASH:

Interest	\$0
Transfers In	\$0
County-Shared Revenues	153,691
Total From All Sources	<u>153,691</u>
Other Than taxation	<u>153,691</u>
Beginning Cash and Investment Balance	198,995
Amount to be Raised by Tax Levy	153,691
TOTAL FROM ALL SOURCES	<u><u>\$506,377</u></u>

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	135,000
Interest on Bonds	110,702
Other Services & Charges	2,000
Total Expenditures	<u>\$247,702</u>
Cash balance at End of Year	<u>258,675</u>
TOTAL EXPENDITURES AND ENDING CASH BALANCE	<u><u>\$506,377</u></u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

SERIES 2003 TIF BOND & INTEREST
FUND (Chauvet Square Project):

REVENUES & BEG. CASH:

Interest	\$75
Transfer From Other Funds	0
Total From All Sources	
Other Than taxation	75
Beginning Cash and Investment Balance	106,505
Amount to be Raised by Tax Levy	282,127
TOTAL FROM ALL SOURCES	\$388,707

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	115,000
Interest on Bonds	77,318
Other Services & Charges	2,000
Transfers to Other Funds	0
Total Expenditures	\$194,318
Cash balance at End of Year	194,389
TOTAL EXPENDITURES AND ENDING CASH BALANCE	\$388,707

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

SERIES 2007 TIF BOND & INTEREST
FUND (Turtle Creek):

REVENUES & BEG. CASH:

Interest	\$115
County Shared Revenue	\$111,821
Transfer From Other Funds	
Total From All Sources	
Other Than taxation	111,936
Beginning Cash and	
Investment Balance	10,530
Amount to be Raised by Tax Levy	392,024
TOTAL FROM ALL SOURCES	\$514,490

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	355,000
Interest on Bonds	92,283
Other Services & Charges	3,500
Total Expenditures	\$450,783
Cash balance at End of Year	63,707
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$514,490

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

2008 TIF BOND AND INTEREST FUND
FUND (Lincoln Center):

REVENUES & BEG. CASH:

Interest	\$0
County Shared Revenue	\$0
Transfer From Other Funds	0
Total From All Sources	0
Other Than taxation	0
Beginning Cash and Investment Balance	97,831
Amount to be Raised by Tax Levy	78,552
TOTAL FROM ALL SOURCES	\$176,383

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	40,000
Interest on Bonds	13,200
Other Services & Charges	1,000
Total Expenditures	\$54,200
Cash balance at End of Year	122,183
TOTAL EXPENDITURES AND ENDING CASH BALANCE	\$176,383

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

2011 TIF BOND AND INTEREST FUND
FUND (Turtle Creek Crossing/Kohl's):

REVENUES & BEG. CASH:

Interest	\$0
County Shared Revenue	\$31,325
Transfer From Other Funds	
Total From All Sources	
Other Than taxation	31,325
Beginning Cash and	
Investment Balance	11,143
Amount to be Raised by Tax Levy	64,530
TOTAL FROM ALL SOURCES	\$106,998

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	70,000
Interest on Bonds	19,500
Other Services & Charges	2,000
Total Expenditures	\$91,500
Cash balance at End of Year	15,498
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$106,998

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

**2016 TIF BOND AND INTEREST
FUND (Whispering Pines):**

REVENUES & BEG. CASH:

Interest	\$0
County Shared Revenue	\$183,175
Transfer From Other Funds	140,071
Total From All Sources	
Other Than taxation	323,246
Beginning Cash and	
Investment Balance	0
Amount to be Raised by Tax Levy	152,505
TOTAL FROM ALL SOURCES	\$475,751

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	153,000
Interest on Bonds	126,733
Other Services & Charges	1,300
Total Expenditures	\$281,033
Cash balance at End of Year	194,718
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$475,751

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

2016 TIF BOND AND INTEREST FUND
FUND (Hattiesburg Clinic Midtown):

REVENUES & BEG. CASH:

Interest	\$0
County Shared Revenue	\$35,193
Transfer From Other Funds	0
Total From All Sources	
Other Than taxation	35,193
Beginning Cash and Investment Balance	0
Amount to be Raised by Tax Levy	35,193
TOTAL FROM ALL SOURCES	\$70,386

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	42,000
Interest on Bonds	28,385
Other Services & Charges	0
Total Expenditures	\$70,385
Cash balance at End of Year	1
TOTAL EXPENDITURES AND ENDING CASH BALANCE	\$70,386

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

**AIRPORT IMPROVEMENT
SPECIAL REVENUE FUND:**

REVENUES & BEG. CASH:

Federal Grants	\$1,415,000
State Shared Revenues	0
Miscellaneous	0
Transfers In	0
Non-Revenue Receipts	0
Total From All Sources	<u>1,415,000</u>
Other Than taxation	<u>(397,251)</u>
Beginning Cash and Investment Balance	<u>(397,251)</u>
TOTAL FROM ALL SOURCES	<u><u>\$1,017,749</u></u>

EXPENDITURES & ENDING CASH:

Public Services:	
Other services & Charges	35,000
Capital Outlays	982,749
Total Expenditures	<u>\$1,017,749</u>
Cash balance at End of Year	<u>0</u>
TOTAL EXPENDITURES AND ENDING CASH BALANCE	<u><u>\$1,017,749</u></u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

2015A TIF BOND AND INTEREST FUND
FUND (The Ridge at Turtle Creek):

REVENUES & BEG. CASH:

Interest	\$200
County Shared Revenue	\$38,496
Transfer From Other Funds	61,020
Total From All Sources	
Other Than taxation	99,716
Beginning Cash and	
Investment Balance	,0
Amount to be Raised by Tax Levy	129,000
TOTAL FROM ALL SOURCES	\$228,716

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	60,000
Interest on Bonds	65,725
Other Services & Charges	2,000
Total Expenditures	\$127,725
Cash balance at End of Year	100,991
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$228,716

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

2015B TIF BOND AND INTEREST FUND
FUND (Midtown Market):

REVENUES & BEG. CASH:

Interest	\$50
County Shared Revenue	\$11,277
Transfer From Other Funds	10,500
Total From All Sources	
Other Than taxation	21,827
Beginning Cash and	
Investment Balance	0
Amount to be Raised by Tax Levy	11,277
TOTAL FROM ALL SOURCES	\$33,104

EXPENDITURES & ENDING CASH:

General Issues:	
Bonds Redeemed	10,000
Interest on Bonds	11,275
Other Services & Charges	1,940
Total Expenditures	\$23,215
Cash balance at End of Year	9,889
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$33,104

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

MUNICIPAL ROAD & BRIDGE
SPECIAL REVENUE FUND:

REVENUES & BEG. CASH:

Inter-governmental Revenues:

State Grants	\$3,255,015
Federal Grants	0
County Shared Revenues	1,800,000
Miscellaneous	61,264
Non-Revenue Receipts	168,319
Total From All Sources	
Other Than taxation	5,284,598
Beginning Cash and	
Investment Balance	2,411,381
TOTAL FROM ALL SOURCES	\$7,695,979

EXPENDITURES & ENDING CASH:

Public Services:

Supplies & Expenses	0
Other services & Charges	1,955,406
Capital Outlays	5,606,464
Principal Payments	0
Interest Payments	0
Total Expenditures	\$7,561,870
Cash balance at End of Year	134,109
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$7,695,979

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal year Ending September 30, 2017

**MASS TRANSIT OPERATING
SPECIAL REVENUE FUND:**

REVENUES & BEG. CASH:

Inter-governmental Revenues:

Federal Grants	\$1,859,972
State Grants	\$0
Miscellaneous	48,100
Transfers-In	230,000
Total From All Sources	
Other Than taxation	2,138,072
Beginning Cash and	
Investment Balance	214,054
Amount to be Raised by Tax Levy	214,000
TOTAL FROM ALL SOURCES	\$2,566,126

EXPENDITURES & ENDING CASH:

Personnel	941,202
Supplies & Expenses	215,500
Other services & Charges	563,054
Capital Outlays	845,419
Total Expenditures	\$2,565,175
Cash balance at End of Year	951
TOTAL EXPENDITURES AND ENDING CASH BALANCE	\$2,566,126

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

WATER & SEWER CONSTRUCTION FUND:

REVENUES & BEG. CASH:

Inter-governmental Revenues:

Federal Grants	\$0
Miscellaneous	262,998
Transfers-In	4,984,055
Non-Revenue Receipts	0

Total From All Sources

Other Than taxation	5,247,053
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Beginning Cash and

Investment Balance	5,080,298
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TOTAL FROM ALL SOURCES

\$10,327,351

EXPENDITURES & ENDING CASH:

Other services & Charges	\$1,888,100
Capital Outlays	3,310,600
Transfers	4,625,000

Total Expenditures

9,823,700

Cash balance at End of Year

503,651

TOTAL EXPENDITURES AND

ENDING CASH BALANCE

\$10,327,351

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

COMMUNITY CENTERS
SPECIAL REVENUE FUND:

REVENUES & BEG. CASH:

Charges for services:	
Culture & Recreation	\$25,458
Miscellaneous	250
Transfers-In	990,000
Non-Revenue Receipts	600
Total From All Sources	
Other Than taxation	1,016,308
Beginning Cash and	
Investment Balance	439,239
TOTAL FROM ALL SOURCES	\$1,455,547

EXPENDITURES & ENDING CASH:

Personnel	561,678
Supplies & Expenses	67,050
Other services & Charges	175,010
Capital Outlays	130,150
Total Expenditures	\$933,888
Cash balance at End of Year	521,659
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	\$1,455,547

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

**COMMUNITY DEVELOPMENT BLOCK GRANT
SPECIAL REVENUE FUND:**

REVENUES & BEG. CASH:

Federal Grants	\$1,535,919
Transfers In	<u>0</u>
Total From All Sources	
Other Than taxation	<u>1,535,919</u>
Beginning Cash and	
Investment Balance	<u>(205,434)</u>
TOTAL FROM ALL SOURCES	<u><u>\$1,330,485</u></u>

EXPENDITURES & ENDING CASH:

Personnel	171,838
Supplies & Expenses	5,600
Other services & Charges	119,939
Capital Outlays	874,194
Transfers	
Total Expenditures	<u>\$1,171,571</u>
Cash balance at End of Year	<u>158,914</u>
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	<u><u>\$1,330,485</u></u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

***Public Safety Complex/Recreation
Construction Fund:***

REVENUES & BEG. CASH:

Proceeds from Bond Issue	25,000,000
Interest Earnings	
Total Revenues	<u>25,000,000</u>
Beginning Cash and Investment Balance	
TOTAL FROM ALL SOURCES	<u><u>\$25,000,000</u></u>

EXPENDITURES & ENDING CASH:

Other services & Charges	2,800,000
Capital Outlays	22,200,000
Transfers to Other Funds	
Total Expenditures	<u>\$25,000,000</u>
Cash balance at End of Year	<u>0</u>
TOTAL EXPENDITURES AND ENDING CASH BALANCE	<u><u>\$25,000,000</u></u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

MDA Energy Efficiency Capital Projects
Fund:

REVENUES & BEG. CASH:

Proceeds from Bond Issue	\$0
Interest Earnings	0
Total Revenues	0
Beginning Cash and Investment Balance	2,438,738
TOTAL FROM ALL SOURCES	\$2,438,738

EXPENDITURES & ENDING CASH:

Other services & Charges	0
Capital Outlays	0
Transfers to Other Funds	2,435,738
Total Expenditures	\$2,435,738
Cash Balance at End of Year	3,000
TOTAL EXPENDITURES AND ENDING CASH BALANCE	\$2,438,738

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

TIF Construction Fund:

REVENUES & BEG. CASH:

Proceeds from Bond Issue	\$0
Interest Earnings	
Total Revenues	<u>0</u>
Beginning Cash and	
Investment Balance	<u>211,772</u>
TOTAL FROM ALL SOURCES	<u>\$211,772</u>

EXPENDITURES & ENDING CASH:

Other services & Charges	0
Capital Outlays	0
Transfers to Other Funds	<u>211,591</u>
Total Expenditures	<u>\$211,591</u>
Cash Balance at End of Year	<u>181</u>
TOTAL EXPENDITURES AND	
ENDING CASH BALANCE	<u>\$211,772</u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

SERIES 2016 WATER & SEWER REVENUE BOND
CONSTRUCTION FUND:

REVENUES & BEG. CASH:

Interest Earnings	27,206
Proceeds from Revenue Bond Issue	<u>\$25,000,000</u>
Total Revenues	<u>25,027,206</u>
Beginning Cash and Investment Balance	<u>0</u>
TOTAL FROM ALL SOURCES	<u><u>\$25,027,206</u></u>

EXPENDITURES & ENDING CASH:

Other services & Charges	1,314,000
Capital Outlays	23,686,000
Transfers Out	
Total Expenditures	<u>\$25,000,000</u>
Cash balance at End of Year	<u>27,206</u>
TOTAL EXPENDITURES AND ENDING CASH BALANCE	<u><u>\$25,027,206</u></u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

**SERIES 2012 WATER & SEWER REVENUE BOND
CONSTRUCTION FUND:**

REVENUES & BEG. CASH:

Interest Earnings	0
Proceeds from Revenue Bond Issue	
Total Revenues	<u>0</u>
Beginning Cash and Investment Balance	<u>61</u>
TOTAL FROM ALL SOURCES	<u><u>\$61</u></u>

EXPENDITURES & ENDING CASH:

Other services & Charges	
Capital Outlays	0
Transfers Out	
Total Expenditures	<u>\$0</u>
Cash balance at End of Year	<u>61</u>
TOTAL EXPENDITURES AND ENDING CASH BALANCE	<u><u>\$61</u></u>

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

**SERIES 2001 BOND
CONSTRUCTION FUND:**

REVENUES & BEG. CASH:

Interest Earnings	\$0
Grant Revenues - State of MS	0
Transfers In	0
Proceeds from General Obligation Bond Issue	0
Total Revenues	0
Beginning Cash and Investment Balance	173
TOTAL FROM ALL SOURCES	\$173

EXPENDITURES & ENDING CASH:

Other services & Charges	0
Capital Outlays	0
Transfers Out	173
Total Expenditures	\$173
Cash balance at End of Year	0
TOTAL EXPENDITURES AND ENDING CASH BALANCE	\$173

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

***KAMPER PARK ZOO CAPITAL
IMPROVEMENTS FUND:***

REVENUES & BEG. CASH:

State Grants	\$0
Miscellaneous	0
Charges for Services	0
Transfers-In from Other Funds	0
Non-Revenue Receipts	0
Total Revenues	0
Beginning Cash and Investment Balance	2,244
TOTAL FROM ALL SOURCES	\$2,244

EXPENDITURES & ENDING CASH:

Supplies	0
Other services & Charges	0
Capital Outlays	2,238
Total Expenditures	\$2,238
Cash balance at End of Year	6
TOTAL EXPENDITURES AND ENDING CASH BALANCE	\$2,244

CITY OF HATTIESBURG, MISSISSIPPI
A MUNICIPALITY
BUDGET OF ESTIMATED REVENUES AND EXPENDITURES
For the Fiscal Year Ending September 30, 2017

**SERIES 2013 WATER & SEWER REVENUE BOND
CONSTRUCTION FUND:**

REVENUES & BEG. CASH:

Interest Earnings	0
Proceeds from Revenue Bond Issue	\$0
Total Revenues	0
Beginning Cash and Investment Balance	2,315,762
TOTAL FROM ALL SOURCES	\$2,315,762

EXPENDITURES & ENDING CASH:

Other services & Charges	568,391
Capital Outlays	1,746,502
Transfers Out	0
Total Expenditures	\$2,314,893
Cash balance at End of Year	869
TOTAL EXPENDITURES AND ENDING CASH BALANCE	\$2,315,762



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-652

File ID: 2017-652

Type: Resolution

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 08/16/2017

Brief Title: Project Resolution Requisition No. 8 - 2016 Bonds

Final Action: 08/22/2017

Minute Book Number: MB2017-356

Title:

Adopt a Resolution authorizing Requisition No. 8 from the Project Fund Construction Account in connection with a certain loan agreement, dated August 18, 2016, by and between the Mississippi Development Bank and the City of Hattiesburg.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: V.-4

Sponsors:

Enactment Date:

Attachments: 2016 Bond Resolution No. 8, RES#2017-133,
executed 2016 Bond Resolution No. 8

Enactment Number:

Contact:

Meeting Date: 08/22/2017

Drafter: Sharon Waits

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017	Adopt				Pass
Action Text: A MOTION was made by Council Member Brown and seconded by Council Member George to Adopt a Resolution authorizing Requisition No. 8 from the Project Fund Construction Account in connection with a certain loan agreement, dated August 18, 2016, by and between the Mississippi Development Bank and the City of Hattiesburg.							
There being no discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 4 - George, Delgado, Carroll and Brown							
Nays: 0							
Recused: 1 - Dryden							
Council Vice President Dryden returned to the room following the vote.							

Yea: 4 Council Member George
Council Member Delgado
Council President Carroll
Council Member Brown
Recuse: 1 Council Vice President Dryden

Text of Legislative File 2017-652

Title

Adopt a Resolution authorizing Requisition No. 8 from the Project Fund Construction Account in connection with a certain loan agreement, dated August 18, 2016, by and between the Mississippi Development Bank and the City of Hattiesburg.

Summary

Project Resolution Requisition No. 8 - 2016 Bonds

Budget Information

093695

Expenditure Type

Purchasing Item

Publication Information

The City Council of the City of Hattiesburg, Mississippi (the “City”) acting for and on behalf of the City, took up for consideration the matter of requesting and authorizing Requisition No. **8** from the Project Fund Construction Account in connection with the loan agreement between the Mississippi Development Bank and the City dated August 18, 2016. After discussion of the subject, Council Member _____ offered and moved for the adoption of the following resolution:

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF HATTIESBURG, MISSISSIPPI (THE “CITY”) AUTHORIZING REQUISITION NO. 8 FROM THE PROJECT FUND CONSTRUCTION ACCOUNT IN CONNECTION WITH THAT CERTAIN LOAN AGREEMENT, DATED AS OF AUGUST 18, 2016, BY AND BETWEEN THE MISSISSIPPI DEVELOPMENT BANK AND THE CITY.

Whereas, on August 18, 2016 the City entered into a loan with the Mississippi Development Bank in an amount not to exceed \$25,000,000 (the “Loan”) pursuant to the terms and conditions of that certain loan agreement, dated as of August 18, 2016, by and between the Mississippi Development Bank and the City (the “Loan Agreement”).

Whereas, the City Council of the City now finds it necessary to approve Requisition No. **8** from the Project Fund Construction Account under the Loan in the total aggregate amount of **\$360,789.84** for the purpose of paying Water & Sewer Projects in connection with the loan as more particularly described in Exhibit A.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HATTIESBURG, MISSISSIPPI:

SECTION 1. The City Council of the City hereby authorizes and approves Requisition No. **8** from the Project Fund Construction Account under the Loan in the total aggregate amount of **Three Hundred Sixty Thousand, Seven Hundred Eighty-nine and 84/100 dollars (\$360,789.84)** for the purpose of paying Water & Sewer Projects in connection with the loan as more particularly described in Exhibit A.

SECTION 2. The City Council hereby directs Regions Bank, as Trustee to disburse funds of Requisition No. **8** in the total aggregate amount of **Three Hundred Sixty Thousand, Seven Hundred Eighty-nine and 84/100 dollars (\$360,789.84)** as authorized herein, as more particularly described in Exhibit A.

SECTION 3. The Mayor and City Clerk are hereby authorized and directed for and on behalf of the City to take any and all action as may be required by the City to carry out and give effect to the aforesaid documents authorized pursuant to this Resolution and to execute all papers, documents, certificates and other instruments that may be required for the carrying out of the authority conferred by this Resolution in order to evidence the authority.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council Member _____ seconded by Council Member _____, and was adopted by the following vote, to wit:

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the **22nd day of August, 2017.**

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the **22nd day of August, 2017.**

ATTEST:

APPROVED:

CITY CLERK

MAYOR

EXHIBIT A

PROJECT FUND CONSTRUCTION ACCOUNT REQUISITION

PROJECT FUND CONSTRUCTION ACCOUNT REQUISITION

RE: \$25,000,000.00 Mississippi Development Bank Taxable Special Obligation Bonds, Series 2016 (Hattiesburg, Mississippi Combined Water and Sewer System Construction Project) (the "Series 2016 Bonds") secured by \$25,000,000.00 Taxable Promissory Note (Hattiesburg, Mississippi Combined Water and Sewer System Construction Project), dated August 18, 2016 (the "Series 2016 Note").

**TO: Regions Bank
400 West Capitol, 7th Floor
Little Rock, AR 72201
ATTN: Corporate Trust Department**

REQUISITION NO.: 8

DATE OF REQUISITION: 8/22/2017

Item #	Payee Name & Address	Budget Line Item	Payment Amount	Invoice #	Purpose of Payment
1	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.64	\$ 17,407.36	19746	Infrastructure Improvements along Lamar Blvd Period: June 25, 2017 - July 22, 2017 MB 2017-164 SDW #11248
2	Shows, Dearman, Waits, Inc 301 Second Ave Hattiesburg, MS 39403-1711	093695.7220.62	\$ 11,735.00	19750	Lake Forgetful Road Period: June 25, 2017 - July 22, 2017 MB: 2011-4/89-110 SDW #11209
3	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695	\$ 3,062.50	19759	Water Plant #1 Rehabilitation Period: June 25, 2017 - July 22, 2017 MB 2017-81 SDW #1273-W015
4	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	105695.7245.09	\$ 2,565.00	19760	Wesley WTP Well Period: June 25, 2017 - July 22, 2017 MB 2011-4/89-110 SDW #1273-W006
5	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.72	\$ 2,975.00	19761	Sewer Phase X - Quinn St. Area Period: June 25, 2017 - July 22, 2017 MB 2011-4/89-110

SDW #1273-S011

6	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.70	\$	14,705.00	19762	Sewer Improvements Ph VIII - Camp St. Area Period: June 25, 2017 - July 22, 2017 MB 2011-4/89-110 SDW #1273-S010
7	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	105695.6015	\$	225.00	19768	Sewer Phase V Period: June 25, 2017 - July 22, 2017 MB 2011-4/89-110 SDW Project# 1273-S005
8	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	105695.7220.51	\$	3,775.00	19776	Water Ph IV - Misc. Period: June 25, 2017 - July 22, 2017 MB 2011-4/89-110 SDW #1273-W009
9	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	105695.7245.52	\$	525.00	19777	Water Ph III - Mobile & Bouie Period: June 25, 2017 - July 22, 2017 MB: 2011-4/89-110 SDW #1273-W008
10	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	105695.7245.51	\$	72,292.50	19778	Water Ph II - Palmers Crossing Period: June 25, 2017 - July 22, 2017 MB 2011-4/89-110 SDW #1273-W007
11	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.51	\$	670.00	19779	Sewer Improvements Phase XII Period: June 25, 2017 - July 22, 2017 MB 2011-4/89-110 SDW #1273-S012
12	Thompson Brothers Drilling 5410 US Hwy 11 North Ellisville, MS 39437	105695.7245.09	\$	6,593.00	Pay Est. 7	1500 GPM Water Well No. 2 Period: July 1, 2017 - July 31, 2017 MB: 2016-321
13	C B Developers, Inc. 1716 Evelyn Gandy Pkwy., Suite 40 Hattiesburg, MS 39401	093695.7245.53	\$	224,259.48	Pay Est 1	Water Ph IV - Misc. Period: April 4, 2017 - August 4, 2017 MB: 2017-109

\$ 360,789.84



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

July 27, 2017
Project No: 11248
Invoice No: 19746

Project Manager Shea McNease

Project 11248 Infrastructure Improvements along Lamar Blvd

Professional Services from June 25, 2017 to July 22, 2017

Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Preliminary Design Phase	56,676.80	95.00	53,842.96	51,009.12	2,833.84
Final Design Phase	97,156.80	30.00	29,147.04	14,573.52	14,573.52
Bidding and Negotiating Phase	8,094.40	0.00	0.00	0.00	0.00
Total Fee	161,928.00		82,990.00	65,582.64	17,407.36
Total Fee					17,407.36
Total this Invoice					\$17,407.36

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695.7220.64
MB 2017-164

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

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CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

July 27, 2017
Project No: 11209
Invoice No: 19750

Project Manager Shea McNease

Project 11209 Lake Forgetful Road

Professional Services from June 25, 2017 to July 22, 2017

Professional Personnel

	Hours	Rate	Amount
CONSTRUCTION OBSERVER			
Jackson, Terry	47.00	85.00	3,995.00
Tingle, William	52.00	95.00	4,940.00
PROJECT ENGINEER			
McNease, Shea	16.00	175.00	2,800.00
Totals	115.00		11,735.00
Total Labor			11,735.00
Total this Invoice			\$11,735.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695, 7220, 62
MB 2011-4/89-110
~~072201, 7230, 13~~

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

2R



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

July 27, 2017
Project No: 1273-W015
Invoice No: 19759

Project Manager John Weeks
Project 1273-W015 Water Plant #1 Rehabilitation
Professional Services from June 25, 2017 to July 22, 2017

Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
Connolly, Nicholas	3.00	175.00	525.00	
Wallace, Kyle	1.50	175.00	262.50	
Weeks, John	13.00	175.00	2,275.00	
Totals	17.50		3,062.50	
Total Labor				3,062.50
		Total this Invoice		\$3,062.50

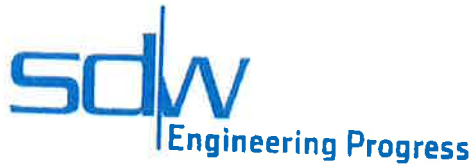
Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695.

MB 2017-81

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

LR



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

July 27, 2017
Project No: 1273-W006
Invoice No: 19760

Project Manager John Weeks

Project 1273-W006 Wesley WTP Well

Professional Services from June 25, 2017 to July 22, 2017

Phase CM Construction Management

Construction Cost 459,000.00
Fee Percentage 9.00
Total Fee 41,310.00

Billing Phase	Percent of Fee	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Design Phase Services	100.00	41,310.00	100.00	41,310.00	41,310.00	0.00
Totals				41,310.00	41,310.00	0.00
Total Fee						0.00

Professional Personnel

	Hours	Rate	Amount	
SR. RESIDENT PROJECT REPRESENTATIVE				
Jackson, Terry	24.00	85.00	2,040.00	
GRADUATE ENGINEER				
Riley, Ivy	5.00	105.00	525.00	
Totals	29.00		2,565.00	
Total Labor				2,565.00
Total this Phase				\$2,565.00
Total this Invoice				\$2,565.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

July 27, 2017
Project No: 1273-S011
Invoice No: 19761

Project Manager John Weeks

Project 1273-S011 ComSWIP Sewer Phase X - Quinn St. Area

Professional Services from June 25, 2017 to July 22, 2017

Professional Personnel

	Hours	Rate	Amount	
FIELD CREW				
Crew, Field	17.00	175.00	2,975.00	
Totals	17.00		2,975.00	
Total Labor				2,975.00
		Total this Invoice		\$2,975.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695.7220.72
MB 2011-4/89-110

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CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

July 27, 2017
Project No: 1273-S010
Invoice No: 19762

Project Manager John Weeks

Project 1273-S010 ComSWIP Sewer Phase VIII - Camp St. Area

Professional Services from June 25, 2017 to July 22, 2017

Professional Personnel

	Hours	Rate	Amount
CADD TECHNICIAN I			
Sullivan, Richard	12.00	105.00	1,260.00
CAD TECHNICIAN II			
Trahan, Beau	103.50	90.00	9,315.00
ENGINEERING INTERN			
Thomas, Louis	1.00	105.00	105.00
PROJECT ENGINEER			
Weeks, John	23.00	175.00	4,025.00
Totals	139.50		14,705.00
Total Labor			14,705.00
		Total this Invoice	\$14,705.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695.7220.70
MB 2011-4/89-110

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LA



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

July 27, 2017
Project No: 1273-S005
Invoice No: 19768

Project Manager Kyle Wallace

Project 1273-S005 ComSWIP Sewer Phase V

Professional Services from June 25, 2017 to July 22, 2017

Phase CM Phase V - Construction Phase Services

Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
Sellers, Bennie	1.50	150.00	225.00	
Totals	1.50		225.00	
Total Labor				225.00
		Total this Phase		\$225.00
		Total this Invoice		\$225.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

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CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

August 1, 2017
Project No: 1273-W009
Invoice No: 19776

Project Manager Kyle Wallace

Project 1273-W009 ComSWIP Water - Phase IV - Misc.

Professional Services from June 25, 2017 to July 22, 2017

Phase CM Water Phase IV - Construction Phase Svcs

Professional Personnel

	Hours	Rate	Amount
CONSTRUCTION OBSERVER			
Jackson, Terry	25.00	85.00	2,125.00
GRADUATE ENGINEER			
Riley, Ivy	1.50	100.00	150.00
PROJECT ENGINEER			
Sellers, Bennie	9.00	150.00	1,350.00
Wallace, Kyle	1.00	150.00	150.00
Totals	36.50		3,775.00
Total Labor			3,775.00
		Total this Phase	\$3,775.00
		Total this Invoice	\$3,775.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695.7220.51
MB 2011-4/89-110

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CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

August 1, 2017
Project No: 1273-W008
Invoice No: 19777

Project Manager Kyle Wallace

Project 1273-W008 ComSWIP Water Phase III - Mobile & Bouie

Professional Services from June 25, 2017 to July 22, 2017

Phase CM Mobile & Bouie - Construction Phase Svc

Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
Wallace, Kyle	3.00	175.00	525.00	
Totals	3.00		525.00	
Total Labor				525.00
		Total this Phase		\$525.00
		Total this Invoice		\$525.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

LR



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

August 1, 2017
Project No: 1273-W007
Invoice No: 19778

Project Manager Kyle Wallace

Project 1273-W007 ComSWIP Water Phase II - Palmers Crossing

Professional Services from June 25, 2017 to July 22, 2017

Phase	DD	Palmer's Crossing - Design Phase				
Construction Cost		2,054,414.72				
Fee Percentage		9.00				
Total Fee		184,897.32				
Billing Phase	Percent of Fee	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Design Phase Services	100.00	184,897.32	100.00	184,897.32	112,604.82	72,292.50
	Totals			184,897.32	112,604.82	72,292.50
	Total Fee					72,292.50
			Total this Phase			\$72,292.50
			Total this Invoice			\$72,292.50

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

August 1, 2017
Project No: 1273-S012
Invoice No: 19779

Project Manager Kyle Wallace

Project 1273-S012 COMSWIP Sewer Improv. Phase XII

Professional Services from June 25, 2017 to July 22, 2017

Professional Personnel

	Hours	Rate	Amount	
CADD TECHNICIAN I				
Simmons, Skyler	2.00	90.00	180.00	
Sullivan, Richard	.50	105.00	52.50	
PROJECT ENGINEER				
Wallace, Kyle	2.50	175.00	437.50	
Totals	5.00		670.00	
Total Labor				670.00
		Total this Invoice		\$670.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695.7220.51
MB 2011-4/89-110

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Engineering Progress

August 1, 2017

City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39403

Attn: Lamar Rutland, P.E.

Re: 1500 GPM Wesley Well No. 2
City of Hattiesburg

Thompson Bros

Dear Lamar:

Enclosed please find Pay Estimate No. 7 in the amount of \$6,593.00 for the above referenced project.

Should you have any questions or comments, please do not hesitate to call.

Sincerely,

John T. Weeks, P.E.
Project Engineer

/ir

Enclosure

cc: Ivy Riley, Terry Jackson, SDW

RECEIVED
8/1/17

093695.7245.09

MB 2016-321

42

SHOWS, DEARMAN & WAITS, INC. - CONSULTING ENGINEERS

Date: 07-28-2017

Project: 1500 GPM Wesley Well No. 2

Contractor: Thompson Brothers Drilling, Inc.

Pay Estimate No.: Seven (7)

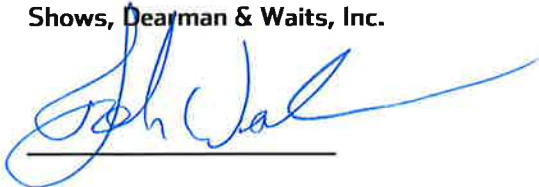
Pay Period: July 1, 2017 - July 31, 2017

Item No.	Item Description	Total Quantities			Unit	Unit Price	Amount
		On Cont.	Allowed This Period	Allowed To Date			
		Qty.					
ORIGINAL CONTRACT TOTAL:							\$ 459,000.00
SUPPLEMENTAL AGREEMENT CONTRACT TOTAL:							\$ 471,950.00
1	TEST HOLE - 850 L.F. Deep	1	1	1	L.S.	\$155,000.00	\$ 155,000.00
2	16"X12" 1500 GPM WATER WELL - 820 L.F. Deep	1	1	1	L.S.	\$195,383.00	\$ 195,383.00
2A	ADD TO ITEM No. 2 PER FOOT OF COMPLETED WELL BELOW 820 L.F.	0			L.F.	\$400.00	\$ -
2B	DEDUCT FROM ITEM No. 2 PER FOOT OF COMPLETED WELL ABOVE 820 L.F.	0			L.F.	\$200.00	\$ -
3	12" MASTER WATER METER	1	1	1	L.S.	\$3,200.00	\$ 3,200.00
4	YARD PIPING - 12" DUCTILE IRON	1	1	1	L.S.	\$38,740.00	\$ 38,740.00
5	CHAIN-LINK FENCE/GATES	440	350	350	L.F.	\$15.40	\$ 5,390.00
6	ELECTRICAL WORK	1	1	1	L.S.	\$26,950.00	\$ 26,950.00
7	WELL CONTROLS	1	1	1	L.S.	\$30,951.00	\$ 30,951.00
8	EROSION CONTROL	1	1	1	L.S.	\$1,000.00	\$ 1,000.00
9	GRASSING	1	0.5	0.5	L.S.	\$1,000.00	\$ 500.00
10	DETENTION POND (UNCLOG & DRAIN)	1	0.35	0.35	L.S.	\$3,000.00	\$ 1,050.00
11	CHLORINE CYLINDER LIFT	1			L.S.	\$9,950.00	\$ -

% Complete 97%
 % Time Elapsed 99%

Total Earned - Regular Work	\$ 458,164.00
Less 5% Retainage	\$ 22,908.20
Less Stored Materials	\$ -
Total Due - Regular Work	\$ 435,255.80
Less Previous Payments	\$ 428,662.80
Net Amount Due This Estimate	\$ 6,593.00
Less Deductions	\$ -
Net Payment Due	\$ 6,593.00

CERTIFIED CORRECT:
 Shows, Dearman & Waits, Inc.



Project Engineer

APPROVED:

OWNER



Engineering Progress

August 10, 2017

City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39403

Attn: Lamar Rutland, P.E.

Re: COMSWIP Water Improvements Phase IV
Miscellaneous Water Connections
City of Hattiesburg *C.B. Developers*

Dear Lamar:

Enclosed please find four (4) copies of Pay Estimate No. 1 in the amount of \$224,259.48 for the above referenced project.

Should you have any questions or comments, please do not hesitate to call.

Sincerely,

Ivy Riley
Project Manager

Enclosure (s)

cc: Ivy Riley, Terry Jackson, SDW

093695.7245.53
MB 2017-109

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

Contractor's Application For Payment No. 1

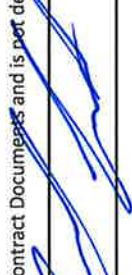
Application Period: Beginning: 4/24/2017 Ending: 8/4/2017		Application Date: 4-Aug-17
To (Owner): City of Hattiesburg	From (Contractor): C. B. Developers, Inc.	Via (Engineer): Shows, Dearman & Waits
Project: Comprehensive Water Improvements-Phase 4	Contract: Contractor's Project No.: 668	Engineer's Project No.:
Owner's Contract No.: Not Applicable		

Change Order Summary

Approved Change Orders			
Number	Additions	Deductions	
SA-1	\$ 38,391.35	\$ 33,508.35	
TOTALS	\$ 38,391.35	\$ 33,508.35	
NET CHANGE BY CHANGE ORDERS	\$	4,883.00	

CONTRACTOR'S CERTIFICATION

The undersigned Contractor certifies that: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By:  Date: 8-9-17

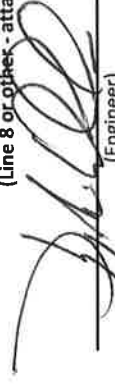
1. ORIGINAL CONTRACT PRICE	\$	270,795.46
2. Net change by Change Orders	\$	4,883.00
3. CURRENT CONTRACT PRICE (LINE 1 + 2)	\$	275,678.46
4. TOTAL COMPLETED AND STORED TO DATE (Column F on Progress Estimates)	\$	236,062.61
5. RETAINAGE:		
a. 5.0 % x Work Completed	\$	11,803.13
b. 5.0% x Stored Material	\$	-
c. Total Retainage (line 5a + line 5b)	\$	11,803.13
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c)	\$	224,259.48
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	\$	-
8. AMOUNT DUE THIS APPLICATION	\$	224,259.48
9. BALANCE TO FINISH, PLUS RETAINAGE		
(Column G on Progress Estimate + Line 5 above)	\$	52,300.30

Payment of:

\$224,259.48

(Line 8 or other - attach explanation of other amount)

Is recommended by:

 (Engineer)

8-9-17 (Date)

Payment of:

\$224,259.48

(Line 8 or other - attach explanation of other amount)

Is approved by:

(Owner)

(Date)

Is approved by:

(Owner)

(Date)

Approved by:

(Funding Agency, if applicable)

(Date)

Progress Estimate

Contractor's Application

For (contract): Comprehensive Water Improvements-Phase 4		Application Number: 1								
Application Period: 4/24/2017 TO 8/4/2017		Application Date: 4-Aug-17								
Pay Item	A Item Description	Bid Quantity	Unit Price	B Bid Value	C Estimated Quantity Installed	D Value	E Materials Stored (not in C)	F Total Completed and Stored to Date (D + E)	% (F)	G Balance to Finish (F)
1	SITE 1-OLD HIGHWAY 42 BYPASS WATER PIPE ITEMS	580.0	\$ 34.01	\$ 19,725.80	555	\$ 18,875.55		\$ 18,875.55	96%	\$ 850.25
2	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)									
3	CONNECTION ITEMS									
4	CONNECTION: PROPOSED 8" WATER LINE TO EXISTING 8" WATER PIPE	2.0	\$ 2,412.69	\$ 4,825.38	2	\$ 4,825.38		\$ 4,825.38	100%	\$ -
5	8" GATE VALVE	1.0	\$ 1,070.88	\$ 1,070.88	1	\$ 1,070.88		\$ 1,070.88	100%	\$ -
6	2" SERVICE TAP	4.0	\$ 725.03	\$ 2,900.12	1	\$ 725.03		\$ 725.03	25%	\$ 2,175.09
7	MISCELLANEOUS CONSTRUCTION ITEMS									
8	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)		\$ 58.75	\$ -	-	\$ -		\$ -	#DIV/0!	\$ -
9	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)		\$ 72.86	\$ -	-	\$ -		\$ -	#DIV/0!	\$ -
10	CONCRETE CURB & GUTTER REPAIR (ALL TYPES)		\$ 82.26	\$ -	-	\$ -		\$ -	#DIV/0!	\$ -
11	TEMPORARY EROSION CONTROL	1.0	\$ 3,525.26	\$ 3,525.26	1	\$ 3,525.26		\$ 3,525.26	100%	\$ -
12	GRASSING	1.0	\$ 2,056.40	\$ 2,056.40	1	\$ 2,056.40		\$ 2,056.40	100%	\$ -
13	MOBILIZATION	1.0	\$ 2,937.72	\$ 2,937.72	1	\$ 2,937.72		\$ 2,937.72	100%	\$ -
14	MAINTENANCE OF TRAFFIC	1.0	\$ 3,525.26	\$ 3,525.26	1	\$ 3,525.26		\$ 3,525.26	100%	\$ -
15	10" SDR-11 HDPE (BORED) (CONCRETE, ASPHALT, AND CONCRETE)	1.0	\$ 33,508.35	\$ 33,508.35	1	\$ 33,508.35		\$ 33,508.35	100%	\$ -
16	SITE 2-OLD HIGHWAY 42 BYPASS WATER PIPE ITEMS									
17	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	500.0	\$ 54.62	\$ 27,310.00	485	\$ 26,490.70		\$ 26,490.70	97%	\$ 819.30
18	CONNECTION ITEMS									
19	CONNECTION: PROPOSED 12" WATER LINE OT EXISTING 12" WATER PIPE	2.0	\$ 1,205.98	\$ 2,411.96	2	\$ 2,411.96		\$ 2,411.96	100%	\$ -
20	12" GATE VALVE	2.0	\$ 1,971.80	\$ 3,943.60	1	\$ 1,971.80		\$ 1,971.80	50%	\$ 1,971.80
21	MISCELLANEOUS CONSTRUCTION ITEMS									
22	DRIVEWAY REPAIR (CLASS 4, GROUP B), LVM	35.0	\$ 55.23	\$ 1,933.05	35	\$ 1,933.05		\$ 1,933.05	100%	\$ -
23	TRENCH REPAIR, SELECT FILL (CLASS 9, GROUP C), LVM	60.0	\$ 13.51	\$ 810.60	60	\$ 810.60		\$ 810.60	100%	\$ -
24	TOTALS			\$ 110,484.38		\$ 104,667.94		\$ 104,667.94		\$ 5,816.44

EJCDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Progress Estimate

Contractor's Application

For (contract):		Comprehensive Water Improvements-Phase 4				Application Number: 1			
Application Period:		4/24/2017 TO 8/4/2017		Application Date: 4-Aug-17					
Pay Item	A	Bid Quantity	Unit Price	B	C	D	E	F	G
	Item Description			Bid Value	Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	Balance to Finish (F)
6	Subtotal from Previous Page			\$ 110,484.38		\$ 104,667.94		\$ 104,667.94	\$ 5,816.44
7	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)	30.0	\$ 99.88	\$ 2,996.40	-	\$ -		\$ -	\$ 2,996.40
8	TEMPORARY EROSION CONTROL	1.0	\$ 587.54	\$ 587.54	1	\$ 587.54		\$ 587.54	\$ 100%
9	GRASSING	1.0	\$ 381.90	\$ 381.90	1	\$ 381.90		\$ 381.90	\$ 100%
10	MOBILIZATION	1.0	\$ 1,762.63	\$ 1,762.63	1	\$ 1,762.63		\$ 1,762.63	\$ 100%
	MAINTENANCE OF TRAFFIC	1.0	\$ 1,762.63	\$ 1,762.63	1	\$ 1,762.63		\$ 1,762.63	\$ 100%
	SITE 3-OLD HIGHWAY 42 BYPASS								
	WATER PIPE ITEMS								
1	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	240.0	\$ 55.44	\$ 13,305.60	260	\$ 14,414.40		\$ 14,414.40	\$ (1,108.80)
2	20" STEEL CASING (OPEN CUT)	100.0	\$ 86.55	\$ 8,655.00	100	\$ 8,655.00		\$ 8,655.00	\$ -
	CONNECTION ITEMS								
3	CONNECTION: PROPOSED 12" WATER LINE OT EXISTING 12" V	2.0	\$ 2,323.15	\$ 4,646.30	3	\$ 6,969.45		\$ 6,969.45	\$ (2,323.15)
4	12" GATE VALVE	2.0	\$ 1,971.80	\$ 3,943.60	-	\$ -		\$ -	\$ 3,943.60
5	12" INSERT-A-VALVE	1.0	\$ 15,041.13	\$ 15,041.13	-	\$ -		\$ -	\$ 15,041.13
	MISCELLANEOUS CONSTRUCTION ITEMS								
6	RIP RAP (SIZE 300)	20.0	\$ 49.94	\$ 998.80	-	\$ -		\$ -	\$ 998.80
7	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)	30.0	\$ 99.88	\$ 2,996.40	-	\$ -		\$ -	\$ 2,996.40
8	CONCRETE CURB & GUTTER REPAIR (ALL TYPES)	10.0	\$ 82.26	\$ 822.60	-	\$ -		\$ -	\$ 822.60
9	TEMPORARY EROSION CONTROL	1.0	\$ 587.54	\$ 587.54	1	\$ 587.54		\$ 587.54	\$ 100%
10	GRASSING	1.0	\$ 381.90	\$ 381.90	1	\$ 381.90		\$ 381.90	\$ 100%
11	MOBILIZATION	1.0	\$ 1,762.63	\$ 1,762.63	1	\$ 1,762.63		\$ 1,762.63	\$ 100%
12	MAINTENANCE OF TRAFFIC	1.0	\$ 1,762.63	\$ 1,762.63	1	\$ 1,762.63		\$ 1,762.63	\$ 100%
	SITE 4-WALNUT STREET								
	WATER PIPE ITEMS								
1	6" 200 PSI, DR-9, HDPE WATER PIPE (DIRECTIONAL BORE)(INC	230.0	\$ 36.96	\$ 8,500.80	220	\$ 8,131.20		\$ 8,131.20	\$ 369.60
	CONNECTION ITEMS								
	TOTALS			\$ 181,380.41		\$ 151,827.39		\$ 151,827.39	\$ 29,553.02

EICDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Progress Estimate

Contractor's Application

Comprehensive Water Improvements-Phase 4											
For (contract):		4/24/2017 TO 8/4/2017				Application Number: 1		4-Aug-17			
Application Period:		Application Date:									
Pay Item	A	Bid Quantity	Unit Price	B	C	D	E	F	% (F)	G	
	Item Description			Bid Value	Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)		Balance to Finish (B - F)	
Subtotal from Previous Page											
2	CONNECTION: PROPOSED 6" WATER LINE TO EXISTING 4" WA	2.0	\$ 2,277.32	\$ 4,554.64	2	\$ 4,554.64		\$ 151,827.39	100%	\$ 29,553.02	
3	6" GATE VALVE	2.0	\$ 815.51	\$ 1,631.02	1	\$ 815.51		\$ 4,554.64	50%	\$ 815.51	
MISCELLANEOUS CONSTRUCTION ITEMS											
4	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)	20.0	\$ 99.88	\$ 1,997.60	-	\$ -		\$ -		\$ 1,997.60	
5	TEMPORARY EROSION CONTROL	1.0	\$ 1.18	\$ 1.18	-	\$ -		\$ -		\$ 1.18	
6	GRASSING	1.0	\$ 1.18	\$ 1.18	1	\$ 1.18		\$ 1.18	100%	\$ -	
7	MOBILIZATION	1.0	\$ 2,937.72	\$ 2,937.72	1	\$ 2,937.72		\$ 2,937.72	100%	\$ -	
8	MAINTENANCE OF TRAFFIC	1.0	\$ 2,937.72	\$ 2,937.72	1	\$ 2,937.72		\$ 2,937.72	100%	\$ -	
9	6" X 3/4" SERVICE RECONNECT (CURB, CORP, SADDLE, BOX)	2.0	\$ 472.00	\$ 944.00	5	\$ 944.00		\$ 2,360.00	250%	\$ (1,416.00)	
10	3/4" SERVICE TUBING	130.0	\$ 11.98	\$ 1,557.40	135	\$ 1,617.30		\$ 1,617.30	104%	\$ (59.90)	
SITE 5-KATIE AVENUE											
WATER PIPE ITEMS											
1	6" 200 PSI, DR-9, HDPE WATER PIPE (DIRECTIONAL BORE)(INC	230.0	\$ 36.96	\$ 8,500.80	200	\$ 7,392.00		\$ 7,392.00	87%	\$ 1,108.80	
CONNECTION ITEMS											
2	CONNECTION: PROPOSED 6" WATER LINE TO EXISTING 4" WA	2.0	\$ 2,042.30	\$ 4,084.60	2	\$ 4,084.60		\$ 4,084.60	100%	\$ -	
3	6" GATE VALVE	2.0	\$ 815.51	\$ 1,631.02	1	\$ 815.51		\$ 815.51	50%	\$ 815.51	
MISCELLANEOUS CONSTRUCTION ITEMS											
4	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)	20.0	\$ 99.88	\$ 1,997.60	-	\$ -		\$ -		\$ 1,997.60	
5	TEMPORARY EROSION CONTROL	1.0	\$ 1.18	\$ 1.18	1	\$ 1.18		\$ 1.18	100%	\$ -	
6	GRASSING	1.0	\$ 1.18	\$ 1.18	1	\$ 1.18		\$ 1.18	100%	\$ -	
7	MOBILIZATION	1.0	\$ 2,937.72	\$ 2,937.72	1	\$ 2,937.72		\$ 2,937.72	100%	\$ -	
8	MAINTENANCE OF TRAFFIC	1.0	\$ 1,762.63	\$ 1,762.63	1	\$ 1,762.63		\$ 1,762.63	100%	\$ -	
SITE 6-ARLEDGE STREET											
WATER PIPE ITEMS											
1	8" 200 PSI, DR-9, HDPE WATER PIPE (DIRECTIONAL BORE)(INC	230.0	\$ 49.71	\$ 11,433.30	220	\$ 10,936.20		\$ 10,936.20	96%	\$ 497.10	
TOTALS											
				\$ 230,292.90		\$ 194,982.48		\$ 194,982.48		\$ 35,310.42	

EICDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Progress Estimate

Contractor's Application

Comprehensive Water Improvements-Phase 4									
For (contract):	4/24/2017 TO 8/4/2017		Application Number: 1						
Application Period:			Application Date: 4-Aug-17						
	A	Bid Quantity	Unit Price	B	C	D	E	F	G
Pay Item	Item Description			Bid Value	Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	Balance to Finish (F)
	Subtotal from Previous Page			\$ 230,292.90		\$ 194,982.48		\$ 194,982.48	\$ 35,310.42
	CONNECTION ITEMS								
2	CONNECTION: PROPOSED 8" WATER LINE TO EXISTING 6" WATER LINE	2.0	\$ 2,457.11	\$ 4,914.22	2	\$ 4,914.22		\$ 4,914.22	\$ -
3	8" GATE VALVE	2.0	\$ 1,101.06	\$ 2,202.12	1	\$ 1,101.06		\$ 1,101.06	\$ 1,101.06
4	2" SERVICE TAP	1.0	\$ 725.03	\$ 725.03	-	\$ -		\$ -	\$ 725.03
	MISCELLANEOUS CONSTRUCTION ITEMS								
5	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)	20.0	\$ 99.88	\$ 1,997.60	-	\$ -		\$ -	\$ 1,997.60
6	TEMPORARY EROSION CONTROL	1.0	\$ 1.18	\$ 1.18	1	\$ 1.18		\$ 1.18	\$ -
7	GRASSING	1.0	\$ 1.18	\$ 1.18	1	\$ 1.18		\$ 1.18	\$ -
8	MOBILIZATION	1.0	\$ 2,937.72	\$ 2,937.72	1	\$ 2,937.72		\$ 2,937.72	\$ -
9	MAINTENANCE OF TRAFFIC	1.0	\$ 2,056.40	\$ 2,056.40	1	\$ 2,056.40		\$ 2,056.40	\$ -
10	6" X 3/4" SERVICE RECONNECT (CURB, CORP, SADDLE, BOX)	2.0	\$ 472.00	\$ 944.00	6	\$ 2,832.00		\$ 2,832.00	\$ (1,888.00)
11	3/4" SERVICE TUBING	120.0	\$ 11.98	\$ 1,437.60	190	\$ 2,276.20		\$ 2,276.20	\$ (838.60)
	SITE 7-EDWARDS STREET								
	WATER PIPE ITEMS								
1	DR-9, HDPE WATER PIPE (DIRECTIONAL BORE)(INCL ADAPTER)	260.0	\$ 49.55	\$ 12,883.00	240	\$ 11,892.00		\$ 11,892.00	\$ 991.00
	CONNECTION ITEMS								
2	CONNECTION: PROPOSED 8" WATER LINE TO EXISTING WATER LINE	2.0	\$ 2,457.11	\$ 4,914.22	2	\$ 4,914.22		\$ 4,914.22	\$ -
3	8" GATE VALVE	2.0	\$ 1,101.06	\$ 2,202.12	1	\$ 1,101.06		\$ 1,101.06	\$ 1,101.06
	MISCELLANEOUS CONSTRUCTION ITEMS								
4	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)	20.0	\$ 99.88	\$ 1,997.60	-	\$ -		\$ -	\$ 1,997.60
5	TEMPORARY EROSION CONTROL	1.0	\$ 1.18	\$ 1.18	1	\$ 1.18		\$ 1.18	\$ -
6	GRASSING	1.0	\$ 1.18	\$ 1.18	1	\$ 1.18		\$ 1.18	\$ -
7	MOBILIZATION	1.0	\$ 2,937.72	\$ 2,937.72	1	\$ 2,937.72		\$ 2,937.72	\$ -
8	MAINTENANCE OF TRAFFIC	1.0	\$ 4,112.81	\$ 4,112.81	1	\$ 4,112.81		\$ 4,112.81	\$ -
	TOTALS		\$ -	\$ 276,559.78	-	\$ -		\$ -	\$ -
			\$ -	\$ 236,062.61		\$ 236,062.61		\$ 236,062.61	\$ 40,497.17

EICDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Monthly Totals

	DESCRIPTION	1	2	3	4	5	6	7	8	9	10	TOTAL
		Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
1	SITE 1-OLD HIGHWAY 42 BYPASS WATER PIPE ITEMS 8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT) CONNECTION ITEMS	555										555
2	CONNECTION: PROPOSED 8" WATER LINE TO EXISTING 8" WATER LINE	2										2
3	8" GATE VALVE	1										1
4	2" SERVICE TAP	1										1
5	MISCELLANEOUS CONSTRUCTION ITEMS											
6	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)											
7	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)											
8	CONCRETE CURB & GUTTER REPAIR (ALL TYPES)											
9	TEMPORARY EROSION CONTROL	1										1
10	GRASSING	1										1
11	MOBILIZATION	1										1
12	MAINTENANCE OF TRAFFIC	1										1
	10" SDR-11 HDPE (BORED) (CONCRETE, ASPHALT, AND CONCRETE CURB & GUTTER)	1										1
1	SITE 2-OLD HIGHWAY 42 BYPASS WATER PIPE ITEMS 12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT) CONNECTION ITEMS	485										485
2	CONNECTION: PROPOSED 12" WATER LINE OT EXISTING 12" GATE LINE	2										2
3	12" GATE VALVE	1										1
4	MISCELLANEOUS CONSTRUCTION ITEMS											
5	DRIVEWAY REPAIR (CLASS 4, GROUP B), LVM	35										35
	TRENCH REPAIR, SELECT FILL (CLASS 9, GROUP C), LVM	60										60

Monthly Totals

	1	2	3	4	5	6	7	8	9	10	TOTAL
	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
6	1										1
7	1										1
8	1										1
9	1										1
10	1										1
1	260										260
2	100										100
3	3										3
4											
5											
6											
7											
8											
9	1										1
10	1										1
11	1										1
12	1										1
1	220										220

Monthly Totals

	1	2	3	4	5	6	7	8	9	10	TOTAL
	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
2	2										2
3	1										1
4											
5											
6	1										1
7	1										1
8	1										1
9	5										5
10	135										135
1	200										200
2	2										2
3	1										1
4											
5	1										1
6	1										1
7	1										1
8	1										1
1	220										220

Monthly Totals

	1	2	3	4	5	6	7	8	9	10	TOTAL
	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
	DESCRIPTION										
	CONNECTION ITEMS										
2	CONNECTION: PROPOSED 8" WATER LINE TO EXISTING 6" WATER LINE										
3	2										2
4	1										1
	MISCELLANEOUS CONSTRUCTION ITEMS										
5	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)										
6	1										1
7	1										1
8	1										1
9	1										1
10	1										1
11	6										6
	190										190
	SITE 7-EDWARDS STREET										
	WATER PIPE ITEMS										
1	240										240
	CONNECTION ITEMS										
2	2										2
3	1										1
	MISCELLANEOUS CONSTRUCTION ITEMS										
4	1										1
5	1										1
6	1										1
7	1										1
8	1										1

Hattiesburg, Mississippi does hereby certify to Regions Bank, as trustee in respect to the referenced Bonds (the Trustee”):

- (1) The amounts herein requisitioned to be paid to the above-designated payees are for the items or services hereinabove described.
- (2) The items or services listed above for which payment is proposed to be made hereunder have not formed the basis for any payment heretofore made from the Series 2016 Project Fund Construction Account.
- (3) Each of the items was reasonable and necessary in connection with the “Construction Project” being financed pursuant to the Loan Agreement dated as of August 18, 2016 (the “Loan Agreement”).
- (4) The payment herein authorized and approved is a proper charge against the Series 2016 Project Fund Construction Account as provided for in Section 3 of the Loan Agreement.
- (5) The invoices or statements from the contractor, vendor or other payee or other document supporting the amounts requisitioned herein are on file with the City.

CITY OF HATTIESBURG, MISSISSIPPI

By: _____
Title: Mayor or City Clerk
(Authorized City Representative)

As Approved by:

Regions Commercial Equipment Finance, LLC
As Purchaser

Authorized Officer

The City Council of the City of Hattiesburg, Mississippi (the "City") acting for and on behalf of the City, took up for consideration the matter of requesting and authorizing Requisition No. 8 from the Project Fund Construction Account in connection with the loan agreement between the Mississippi Development Bank and the City dated August 18, 2016. After discussion of the subject, Council Member Brown offered and moved for the adoption of the following resolution:

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF HATTIESBURG, MISSISSIPPI (THE "CITY") AUTHORIZING REQUISITION NO. 8 FROM THE PROJECT FUND CONSTRUCTION ACCOUNT IN CONNECTION WITH THAT CERTAIN LOAN AGREEMENT, DATED AS OF AUGUST 18, 2016, BY AND BETWEEN THE MISSISSIPPI DEVELOPMENT BANK AND THE CITY.

Whereas, on August 18, 2016 the City entered into a loan with the Mississippi Development Bank in an amount not to exceed \$25,000,000 (the "Loan") pursuant to the terms and conditions of that certain loan agreement, dated as of August 18, 2016, by and between the Mississippi Development Bank and the City (the "Loan Agreement").

Whereas, the City Council of the City now finds it necessary to approve Requisition No. 8 from the Project Fund Construction Account under the Loan in the total aggregate amount of **\$360,789.84** for the purpose of paying Water & Sewer Projects in connection with the loan as more particularly described in Exhibit A.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HATTIESBURG, MISSISSIPPI:

SECTION 1. The City Council of the City hereby authorizes and approves Requisition No. 8 from the Project Fund Construction Account under the Loan in the total aggregate amount of **Three Hundred Sixty Thousand, Seven Hundred Eighty-nine and 84/100 dollars (\$360,789.84)** for the purpose of paying Water & Sewer Projects in connection with the loan as more particularly described in Exhibit A.

SECTION 2. The City Council hereby directs Regions Bank, as Trustee to disburse funds of Requisition No. 8 in the total aggregate amount of **Three Hundred Sixty Thousand, Seven Hundred Eighty-nine and 84/100 dollars (\$360,789.84)** as authorized herein, as more particularly described in Exhibit A.

SECTION 3. The Mayor and City Clerk are hereby authorized and directed for and on behalf of the City to take any and all action as may be required by the City to carry out and give effect to the aforesaid documents authorized pursuant to this Resolution and to execute all papers, documents, certificates and other instruments that may be required for the carrying out of the authority conferred by this Resolution in order to evidence the authority.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council Member Brown seconded by Council Member George, and was adopted by the following vote, to wit:

YEAS: George
Carroll
Brown

NAYS: None

ABSENT:

Abstain: Delgado

Recuse: Dryden

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the **22nd** day of **August**, 2017.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the **22nd** day of **August**, 2017.

ATTEST:

APPROVED:


CITY CLERK


MAYOR

EXHIBIT A

PROJECT FUND CONSTRUCTION ACCOUNT REQUISITION

PROJECT FUND CONSTRUCTION ACCOUNT REQUISITION

RE: \$25,000,000.00 Mississippi Development Bank Taxable Special Obligation Bonds, Series 2016 (Hattiesburg, Mississippi Combined Water and Sewer System Construction Project) (the "Series 2016 Bonds") secured by \$25,000,000.00 Taxable Promissory Note (Hattiesburg, Mississippi Combined Water and Sewer System Construction Project), dated August 18, 2016 (the "Series 2016 Note").

TO: Regions Bank
400 West Capitol, 7th Floor
Little Rock, AR 72201
ATTN: Corporate Trust Department

REQUISITION NO.: 8

DATE OF REQUISITION: 8/22/2017

Item #	Payee Name & Address	Budget Line Item	Payment Amount	Invoice #	Purpose of Payment
1	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.64	\$ 17,407.36	19746	Infrastructure Improvements along Lamar Blvd Period: June 25, 2017 - July 22, 2017 MB 2017-164 SDW #11248
2	Shows, Dearman, Waits, Inc 301 Second Ave Hattiesburg, MS 39403-1711	093695.7220.62	\$ 11,735.00	19750	Lake Forgetful Road Period: June 25, 2017 - July 22, 2017 MB: 2011-4/89-110 SDW #11209
3	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695	\$ 3,062.50	19759	Water Plant #1 Rehabilitation Period: June 25, 2017 - July 22, 2017 MB 2017-81 SDW #1273-W015
4	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	105695.7245.09	\$ 2,565.00	19760	Wesley WTP Well Period: June 25, 2017 - July 22, 2017 MB 2011-4/89-110 SDW #1273-W006
5	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.72	\$ 2,975.00	19761	Sewer Phase X - Quinn St. Area Period: June 25, 2017 - July 22, 2017 MB 2011-4/89-110

6	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.70	\$	14,705.00	19762	SDW #1273-S011 Sewer Improvements Ph VIII - Camp St. Area Period: June 25, 2017 - July 22, 2017 MB 2011-4/89-110 SDW #1273-S010
7	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	105695.6015	\$	225.00	19768	Sewer Phase V Period: June 25, 2017 - July 22, 2017 MB 2011-4/89-110 SDW Project# 1273-S005
8	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	105695.7220.51	\$	3,775.00	19776	Water Ph IV - Misc. Period: June 25, 2017 - July 22, 2017 MB 2011-4/89-110 SDW #1273-W009
9	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	105695.7245.52	\$	525.00	19777	Water Ph III - Mobile & Bouie Period: June 25, 2017 - July 22, 2017 MB: 2011-4/89-110 SDW #1273-W008
10	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	105695.7245.51	\$	72,292.50	19778	Water Ph II - Palmers Crossing Period: June 25, 2017 - July 22, 2017 MB 2011-4/89-110 SDW #1273-W007
11	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.51	\$	670.00	19779	Sewer Improvements Phase XII Period: June 25, 2017 - July 22, 2017 MB 2011-4/89-110 SDW #1273-S012
12	Thompson Brothers Drilling 5410 US Hwy 11 North Ellisville, MS 39437	105695.7245.09	\$	6,593.00	Pay Est. 7	1500 GPM Water Well No. 2 Period: July 1, 2017 - July 31, 2017 MB: 2016-321
13	C B Developers, Inc. 1716 Evelyn Gandy Pkwy., Suite 40 Hattiesburg, MS 39401	093695.7245.53	\$	224,259.48	Pay Est 1	Water Ph IV - Misc. Period: April 4, 2017 - August 4, 2017 MB: 2017-109

\$ 360,789.84



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

July 27, 2017
Project No: 11248
Invoice No: 19746

Project Manager Shea McNease

Project 11248 Infrastructure Improvements along Lamar Blvd
Professional Services from June 25, 2017 to July 22, 2017

Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Preliminary Design Phase	56,676.80	95.00	53,842.96	51,009.12	2,833.84
Final Design Phase	97,156.80	30.00	29,147.04	14,573.52	14,573.52
Bidding and Negotiating Phase	8,094.40	0.00	0.00	0.00	0.00
Total Fee	161,928.00		82,990.00	65,582.64	17,407.36
Total Fee					17,407.36
Total this Invoice					\$17,407.36

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695.7220.64
MB 2017-164

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

July 27, 2017
Project No: 11209
Invoice No: 19750

Project Manager Shea McNease

Project 11209 Lake Forgetful Road

Professional Services from June 25, 2017 to July 22, 2017

Professional Personnel

	Hours	Rate	Amount	
CONSTRUCTION OBSERVER				
Jackson, Terry	47.00	85.00	3,995.00	
Tingle, William	52.00	95.00	4,940.00	
PROJECT ENGINEER				
McNease, Shea	16.00	175.00	2,800.00	
Totals	115.00		11,735.00	
Total Labor				11,735.00
Total this Invoice				\$11,735.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695, 7220, 62
MB 2011-4/89-110
~~072201, 7230, 13~~

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

LR



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

July 27, 2017
Project No: 1273-W015
Invoice No: 19759

Project Manager John Weeks
Project 1273-W015 Water Plant #1 Rehabilitation
Professional Services from June 25, 2017 to July 22, 2017

Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
Connolly, Nicholas	3.00	175.00	525.00	
Wallace, Kyle	1.50	175.00	262.50	
Weeks, John	13.00	175.00	2,275.00	
Totals	17.50		3,062.50	
Total Labor				3,062.50
		Total this Invoice		\$3,062.50

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695.

MB 2017-81

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

LR



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

July 27, 2017
Project No: 1273-W006
Invoice No: 19760

Project Manager John Weeks

Project 1273-W006 Wesley WTP Well

Professional Services from June 25, 2017 to July 22, 2017

Phase CM Construction Management

Construction Cost 459,000.00
Fee Percentage 9.00
Total Fee 41,310.00

Billing Phase	Percent of Fee	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Design Phase Services	100.00	41,310.00	100.00	41,310.00	41,310.00	0.00
Totals				41,310.00	41,310.00	0.00
Total Fee						0.00

Professional Personnel

	Hours	Rate	Amount
SR. RESIDENT PROJECT REPRESENTATIVE			
Jackson, Terry	24.00	85.00	2,040.00
GRADUATE ENGINEER			
Riley, Ivy	5.00	105.00	525.00
Totals	29.00		2,565.00
Total Labor			2,565.00
Total this Phase			\$2,565.00
Total this Invoice			\$2,565.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

July 27, 2017
Project No: 1273-S011
Invoice No: 19761

Project Manager John Weeks

Project 1273-S011 ComSWIP Sewer Phase X - Quinn St. Area

Professional Services from June 25, 2017 to July 22, 2017

Professional Personnel

	Hours	Rate	Amount
FIELD CREW			
Crew, Field	17.00	175.00	2,975.00
Totals	17.00		2,975.00
Total Labor			2,975.00
			2,975.00
		Total this Invoice	\$2,975.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695.7220.72
MTB 2011-4/89-110

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

July 27, 2017
Project No: 1273-S010
Invoice No: 19762

Project Manager John Weeks

Project 1273-S010 ComSWIP Sewer Phase VIII - Camp St. Area

Professional Services from June 25, 2017 to July 22, 2017

Professional Personnel

	Hours	Rate	Amount	
CADD TECHNICIAN I				
Sullivan, Richard	12.00	105.00	1,260.00	
CAD TECHNICIAN II				
Trahan, Beau	103.50	90.00	9,315.00	
ENGINEERING INTERN				
Thomas, Louis	1.00	105.00	105.00	
PROJECT ENGINEER				
Weeks, John	23.00	175.00	4,025.00	
Totals	139.50		14,705.00	
Total Labor				14,705.00
		Total this Invoice		\$14,705.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695.7220.70
MB 2011-4/89-110

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

July 27, 2017
Project No: 1273-S005
Invoice No: 19768

Project Manager Kyle Wallace
Project 1273-S005 ComSWIP Sewer Phase V

Professional Services from June 25, 2017 to July 22, 2017

Phase CM Phase V - Construction Phase Services

Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
Sellers, Bennie	1.50	150.00	225.00	
Totals	1.50		225.00	
Total Labor				225.00
		Total this Phase		\$225.00
		Total this Invoice		\$225.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695.

MB 2011-4/89-110

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

LR



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

August 1, 2017
Project No: 1273-W009
Invoice No: 19776

Project Manager Kyle Wallace

Project 1273-W009 ComSWIP Water - Phase IV - Misc.

Professional Services from June 25, 2017 to July 22, 2017

Phase CM Water Phase IV - Construction Phase Svcs

Professional Personnel

	Hours	Rate	Amount
CONSTRUCTION OBSERVER			
Jackson, Terry	25.00	85.00	2,125.00
GRADUATE ENGINEER			
Riley, Ivy	1.50	100.00	150.00
PROJECT ENGINEER			
Sellers, Bennie	9.00	150.00	1,350.00
Wallace, Kyle	1.00	150.00	150.00
Totals	36.50		3,775.00
Total Labor			3,775.00
Total this Phase			\$3,775.00
Total this Invoice			\$3,775.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695.7220.51
MB 2011-4/89-110

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

August 1, 2017
Project No: 1273-W008
Invoice No: 19777

Project Manager Kyle Wallace
Project 1273-W008 ComSWIP Water Phase III - Mobile & Bouie
Professional Services from June 25, 2017 to July 22, 2017

Phase CM Mobile & Bouie - Construction Phase Svc

Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
Wallace, Kyle	3.00	175.00	525.00	
Totals	3.00		525.00	
Total Labor				525.00
		Total this Phase		\$525.00
		Total this Invoice		\$525.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

August 1, 2017
Project No: 1273-W007
Invoice No: 19778

Project Manager Kyle Wallace

Project 1273-W007 ComSWIP Water Phase II - Palmers Crossing

Professional Services from June 25, 2017 to July 22, 2017

Phase	DD	Palmer's Crossing - Design Phase				
Construction Cost		2,054,414.72				
Fee Percentage		9.00				
Total Fee		184,897.32				
Billing Phase	Percent of Fee	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Design Phase Services	100.00	184,897.32	100.00	184,897.32	112,604.82	72,292.50
Totals				184,897.32	112,604.82	72,292.50
		Total Fee				72,292.50
				Total this Phase		\$72,292.50
				Total this Invoice		\$72,292.50

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

August 1, 2017
Project No: 1273-S012
Invoice No: 19779

Project Manager Kyle Wallace

Project 1273-S012 COMSWIP Sewer Improv. Phase XII

Professional Services from June 25, 2017 to July 22, 2017

Professional Personnel

	Hours	Rate	Amount	
CADD TECHNICIAN I				
Simmons, Skyler	2.00	90.00	180.00	
Sullivan, Richard	.50	105.00	52.50	
PROJECT ENGINEER				
Wallace, Kyle	2.50	175.00	437.50	
Totals	5.00		670.00	
Total Labor				670.00
		Total this Invoice		\$670.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

093695.7220.51
MB 2011-4/89-110

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LR



Engineering Progress

August 1, 2017

City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39403

Attn: Lamar Rutland, P.E.

Re: 1500 GPM Wesley Well No. 2
City of Hattiesburg

Thompson Bros

Dear Lamar:

Enclosed please find Pay Estimate No. 7 in the amount of \$6,593.00 for the above referenced project.

Should you have any questions or comments, please do not hesitate to call.

Sincerely,

John T. Weeks, P.E.
Project Engineer

/ir

Enclosure

cc: Ivy Riley, Terry Jackson, SDW



093695.7245.09
MB 2016-321

SHOWS, DEARMAN & WAITS, INC. - CONSULTING ENGINEERS

Date: 07-28-2017

Project: 1500 GPM Wesley Well No. 2

Contractor: Thompson Brothers Drilling, Inc.

Pay Estimate No.: Seven (7)

Pay Period: July 1, 2017 - July 31, 2017

Item No.	Item Description	Total Quantities			Unit	Unit Price	Amount
		On Cont. Qty.	Allowed This Period	Allowed To Date			

ORIGINAL CONTRACT TOTAL: \$ 459,000.00

SUPPLEMENTAL AGREEMENT CONTRACT TOTAL: \$ 471,950.00

1	TEST HOLE - 850 L.F. Deep	1	1	1	L.S.	\$155,000.00	\$ 155,000.00
2	16"X12" 1500 GPM WATER WELL - 820 L.F. Deep	1	1	1	L.S.	\$195,383.00	\$ 195,383.00
2A	ADD TO ITEM No. 2 PER FOOT OF COMPLETED WELL BELOW 820 L.F.	0			L.F.	\$400.00	\$ -
2B	DEDUCT FROM ITEM No. 2 PER FOOT OF COMPLETED WELL ABOVE 820 L.F.	0			L.F.	\$200.00	\$ -
3	12" MASTER WATER METER	1	1	1	L.S.	\$3,200.00	\$ 3,200.00
4	YARD PIPING - 12" DUCTILE IRON	1	1	1	L.S.	\$38,740.00	\$ 38,740.00
5	CHAIN-LINK FENCE/GATES	440	350	350	L.F.	\$15.40	\$ 5,390.00
6	ELECTRICAL WORK	1	1	1	L.S.	\$26,950.00	\$ 26,950.00
7	WELL CONTROLS	1	1	1	L.S.	\$30,951.00	\$ 30,951.00
8	EROSION CONTROL	1	1	1	L.S.	\$1,000.00	\$ 1,000.00
9	GRASSING	1	0.5	0.5	L.S.	\$1,000.00	\$ 500.00
10	DETENTION POND (UNCLOG & DRAIN)	1	0.35	0.35	L.S.	\$3,000.00	\$ 1,050.00
11	CHLORINE CYLINDER LIFT	1			L.S.	\$9,950.00	\$ -

% Complete 97%
 % Time Elapsed 99%

Total Earned - Regular Work	\$ 458,164.00
Less 5% Retainage	\$ 22,908.20
Less Stored Materials	\$ -
Total Due - Regular Work	\$ 435,255.80
Less Previous Payments	\$ 428,662.80
Net Amount Due This Estimate	\$ 6,593.00
Less Deductions	\$ -
Net Payment Due	\$ 6,593.00

CERTIFIED CORRECT:
 Shows, Dearman & Waits, Inc.



Project Engineer

APPROVED:



OWNER



Engineering Progress

August 10, 2017

City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39403

Attn: Lamar Rutland, P.E.

Re: COMSWIP Water Improvements Phase IV
Miscellaneous Water Connections
City of Hattiesburg C.B. Developers

Dear Lamar:

Enclosed please find four (4) copies of Pay Estimate No. 1 in the amount of \$224,259.48 for the above referenced project.

Should you have any questions or comments, please do not hesitate to call.

Sincerely,

Ivy Riley
Project Manager

Enclosure (s)

cc: Ivy Riley, Terry Jackson, SDW

093695.7245.53

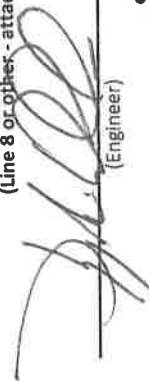
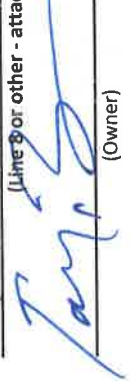
MB 2017-109

Contractor's Application For Payment No. 1

To (Owner): City of Hattiesburg		Application Period: Beginning: 4/24/2017 Ending: 8/4/2017		Application Date: 4-Aug-17	
Project: Comprehensive Water Improvements-Phase 4		From (Contractor): C. B. Developers, Inc.		Via (Engineer): Shows, Dearman & Waits	
Owner's Contract No.: Not Applicable		Contract: Contractor's Project No.: 668		Engineer's Project No.:	

1. ORIGINAL CONTRACT PRICE	\$	270,795.46
2. Net change by Change Orders	\$	4,883.00
3. CURRENT CONTRACT PRICE (LINE 1 + 2)	\$	275,678.46
4. TOTAL COMPLETED AND STORED TO DATE (Column F on Progress Estimates)	\$	236,062.61
5. RETAINAGE:		
a. 5.0 % x Work Completed	\$	11,803.13
b. 5.0% x Stored Material	\$	
c. Total Retainage (line 5a + line 5b)	\$	11,803.13
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c)	\$	224,259.48
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	\$	
8. AMOUNT DUE THIS APPLICATION	\$	224,259.48
9. BALANCE TO FINISH, PLUS RETAINAGE	\$	52,300.30
(Column G on Progress Estimate + Line 5 above)		

Change Order Summary			
Approved Change Orders			
Number	Additions	Deductions	
SA-1	\$ 38,391.35	\$ 33,508.35	
TOTALS	\$ 38,391.35	\$ 33,508.35	
NET CHANGE BY CHANGE ORDERS	\$	4,883.00	

Payment of:	\$224,259.48	(Line 8 or other - attach explanation of other amount)
Is recommended by:		(Engineer)
Payment of:	\$224,259.48	(Line 8 or other - attach explanation of other amount)
Is approved by:		(Owner)
Is approved by:		(Owner)
Approved by:		(Funding Agency, if applicable)

CONTRACTOR'S CERTIFICATION	Date: 8-9-17
The undersigned Contractor certifies that: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.	

Progress Estimate

Contractor's Application

For (contract):		Comprehensive Water Improvements-Phase 4				Application Number: 1		4-Aug-17	
Application Period:		4/24/2017	TO	8/4/2017	Application Date:				
Pay Item	A	Bid Quantity	Unit Price	Bid Value	C	D	E	F	G
	Item Description				Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	Balance to Finish (F)

ECDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Progress Estimate

Contractor's Application

For contract:		Comprehensive Water Improvements-Phase 4				Application Number: 1				
Application Period:		4/24/2017 TO 8/4/2017				Application Date: 4-Aug-17				
	A	Bid Quantity	Unit Price	B	C	D	E	F	%	G
Pay Item	Item Description			Bid Value	Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	(F)	Balance to Finish (F)
6	Subtotal from Previous Page			\$ 110,484.38		\$ 104,667.94		\$ 104,667.94		\$ 5,816.44
7	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)	30.0	\$ 99.88	\$ 2,996.40	-	\$ -		\$ -		\$ 2,996.40
8	TEMPORARY EROSION CONTROL	1.0	\$ 587.54	\$ 587.54	1	\$ 587.54		\$ 587.54	100%	\$ -
9	GRASSING	1.0	\$ 381.90	\$ 381.90	1	\$ 381.90		\$ 381.90	100%	\$ -
10	MOBILIZATION	1.0	\$ 1,762.63	\$ 1,762.63	1	\$ 1,762.63		\$ 1,762.63	100%	\$ -
11	MAINTENANCE OF TRAFFIC	1.0	\$ 1,762.63	\$ 1,762.63	1	\$ 1,762.63		\$ 1,762.63	100%	\$ -
12	SITE 3-OLD HIGHWAY 42 BYPASS									
1	WATER PIPE ITEMS									
2	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	240.0	\$ 55.44	\$ 13,305.60	260	\$ 14,414.40		\$ 14,414.40	108%	\$ (1,108.80)
3	20" STEEL CASING (OPEN CUT)	100.0	\$ 86.55	\$ 8,655.00	100	\$ 8,655.00		\$ 8,655.00	100%	\$ -
4	CONNECTION ITEMS									
5	CONNECTION: PROPOSED 12" WATER LINE OT EXISTING 12" V	2.0	\$ 2,323.15	\$ 4,646.30	3	\$ 6,969.45		\$ 6,969.45	150%	\$ (2,323.15)
6	12" GATE VALVE	2.0	\$ 1,971.80	\$ 3,943.60	-	\$ -		\$ -		\$ 3,943.60
7	12" INSERT-A-VALVE	1.0	\$ 15,041.13	\$ 15,041.13	-	\$ -		\$ -		\$ 15,041.13
8	MISCELLANEOUS CONSTRUCTION ITEMS									
9	RIP RAP (SIZE 300)	20.0	\$ 49.94	\$ 998.80	-	\$ -		\$ -		\$ 998.80
10	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)	30.0	\$ 99.88	\$ 2,996.40	-	\$ -		\$ -		\$ 2,996.40
11	CONCRETE CURB & GUTTER REPAIR (ALL TYPES)	10.0	\$ 82.26	\$ 822.60	-	\$ -		\$ -		\$ 822.60
12	TEMPORARY EROSION CONTROL	1.0	\$ 587.54	\$ 587.54	1	\$ 587.54		\$ 587.54	100%	\$ -
1	GRASSING	1.0	\$ 381.90	\$ 381.90	1	\$ 381.90		\$ 381.90	100%	\$ -
2	MOBILIZATION	1.0	\$ 1,762.63	\$ 1,762.63	1	\$ 1,762.63		\$ 1,762.63	100%	\$ -
3	MAINTENANCE OF TRAFFIC	1.0	\$ 1,762.63	\$ 1,762.63	1	\$ 1,762.63		\$ 1,762.63	100%	\$ -
4	SITE 4-WALNUT STREET									
5	WATER PIPE ITEMS									
6	6" 200 PSI, DR-9, HDPE WATER PIPE (DIRECTIONAL BORE)(INC	230.0	\$ 36.96	\$ 8,500.80	220	\$ 8,131.20		\$ 8,131.20	96%	\$ 369.60
7	CONNECTION ITEMS									
8	TOTALS			\$ 181,380.41		\$ 151,827.39		\$ 151,827.39		\$ 29,553.02

E/CDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Progress Estimate

Contractor's Application

Comprehensive Water Improvements-Phase 4				1		4-Aug-17				
Application Period: 4/7/2017 TO 8/4/2017				Application Number: 4-Aug-17						
Pay Item	A	Bid Quantity	Unit Price	B	C	D	E	F	%	G
	Item Description			Bid Value	Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	(F)	Balance to Finish F)
2	Subtotal from Previous Page			\$ 181,380.41		\$ 151,827.39		\$ 151,827.39		\$ 29,553.02
3	CONNECTION: PROPOSED 6" WATER LINE TO EXISTING 4" WATER VALVE	2.0	\$ 2,277.32	\$ 4,554.64	2	\$ 4,554.64		\$ 4,554.64	100%	\$ -
4	MISCELLANEOUS CONSTRUCTION ITEMS	2.0	\$ 815.51	\$ 1,631.02	1	\$ 815.51		\$ 815.51	50%	\$ 815.51
5	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)	20.0	\$ 99.88	\$ 1,997.60	-	\$ -		\$ -		\$ 1,997.60
6	TEMPORARY EROSION CONTROL	1.0	\$ 1.18	\$ 1.18	-	\$ -		\$ -		\$ 1.18
7	GRASSING	1.0	\$ 1.18	\$ 1.18	1	\$ 1.18		\$ 1.18	100%	\$ -
8	MOBILIZATION	1.0	\$ 2,937.72	\$ 2,937.72	1	\$ 2,937.72		\$ 2,937.72	100%	\$ -
9	MAINTENANCE OF TRAFFIC	1.0	\$ 2,937.72	\$ 2,937.72	1	\$ 2,937.72		\$ 2,937.72	100%	\$ -
10	6" X 3/4" SERVICE RECONNECT (CURB, CORP, SADDLE, BOX)	2.0	\$ 472.00	\$ 944.00	5	\$ 2,360.00		\$ 2,360.00	250%	\$ (1,416.00)
	3/4" SERVICE TUBING	130.0	\$ 11.98	\$ 1,557.40	135	\$ 1,617.30		\$ 1,617.30	104%	\$ (59.90)
1	SITE 5-KATIE AVENUE									
	WATER PIPE ITEMS	230.0	\$ 36.96	\$ 8,500.80	200	\$ 7,392.00		\$ 7,392.00	87%	\$ 1,108.80
2	CONNECTION: PROPOSED 6" WATER LINE TO EXISTING 4" WATER VALVE	2.0	\$ 2,042.30	\$ 4,084.60	2	\$ 4,084.60		\$ 4,084.60	100%	\$ -
3	MISCELLANEOUS CONSTRUCTION ITEMS	2.0	\$ 815.51	\$ 1,631.02	1	\$ 815.51		\$ 815.51	50%	\$ 815.51
4	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)	20.0	\$ 99.88	\$ 1,997.60	-	\$ -		\$ -		\$ 1,997.60
5	TEMPORARY EROSION CONTROL	1.0	\$ 1.18	\$ 1.18	1	\$ 1.18		\$ 1.18	100%	\$ -
6	GRASSING	1.0	\$ 1.18	\$ 1.18	1	\$ 1.18		\$ 1.18	100%	\$ -
7	MOBILIZATION	1.0	\$ 2,937.72	\$ 2,937.72	1	\$ 2,937.72		\$ 2,937.72	100%	\$ -
8	MAINTENANCE OF TRAFFIC	1.0	\$ 1,762.63	\$ 1,762.63	1	\$ 1,762.63		\$ 1,762.63	100%	\$ -
	SITE 6-ARLEGE STREET									
	WATER PIPE ITEMS	230.0	\$ 49.71	\$ 11,433.30	220	\$ 10,936.20		\$ 10,936.20	96%	\$ 497.10
1	8" 200 PSI, DR-9, HDPE WATER PIPE (DIRECTIONAL BORE)(INCL CONNECTION ITEMS)			\$ 230,292.90		\$ 194,982.48		\$ 194,982.48		\$ 35,310.42
	TOTALS			\$						

EICDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Progress Estimate

Contractor's Application

For (contract):		Comprehensive Water Improvements-Phase 4				Application Number: 1		4-Aug-17	
Application Period:		4/24/2017 TO 8/4/2017		Application Date:					
Pay Item	Item Description	Bid Quantity	Unit Price	Bid Value	C	D	E	F	G
					Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	Balance to Finish (F)
	Subtotal from Previous Page			\$ 230,292.90		\$ 194,982.48		\$ 194,982.48	\$ 35,310.42
	CONNECTION ITEMS								
2	CONNECTION: PROPOSED 8" WATER LINE TO EXISTING 6" WATER	2.0	\$ 2,457.11	\$ 4,914.22	2	\$ 4,914.22		\$ 4,914.22	\$ -
3	8" GATE VALVE	2.0	\$ 1,101.06	\$ 2,202.12	1	\$ 1,101.06		\$ 1,101.06	\$ 1,101.06
4	2" SERVICE TAP	1.0	\$ 725.03	\$ 725.03	-	\$ -		\$ -	\$ 725.03
	MISCELLANEOUS CONSTRUCTION ITEMS								
5	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)	20.0	\$ 99.88	\$ 1,997.60	-	\$ -		\$ -	\$ 1,997.60
6	TEMPORARY EROSION CONTROL	1.0	\$ 1.18	\$ 1.18	1	\$ 1.18		\$ 1.18	\$ -
7	GRASSING	1.0	\$ 1.18	\$ 1.18	1	\$ 1.18		\$ 1.18	\$ -
8	MOBILIZATION	1.0	\$ 2,937.72	\$ 2,937.72	1	\$ 2,937.72		\$ 2,937.72	\$ -
9	MAINTENANCE OF TRAFFIC	1.0	\$ 2,056.40	\$ 2,056.40	1	\$ 2,056.40		\$ 2,056.40	\$ -
10	6" X 3/4" SERVICE RECONNECT (CURB, CORP, SADDLE, BOX)	2.0	\$ 472.00	\$ 944.00	6	\$ 2,832.00		\$ 2,832.00	\$ (1,888.00)
11	3/4" SERVICE TUBING	120.0	\$ 11.98	\$ 1,437.60	190	\$ 2,276.20		\$ 2,276.20	\$ (838.60)
	SITE 7-EDWARDS STREET								
	WATER PIPE ITEMS								
1	DR-9, HDPE WATER PIPE (DIRECTIONAL BORE)(INCL ADAPTER	260.0	\$ 49.55	\$ 12,883.00	240	\$ 11,892.00		\$ 11,892.00	\$ 991.00
	CONNECTION ITEMS								
2	CONNECTION: PROPOSED 8" WATER LINE TO EXISTING WATER	2.0	\$ 2,457.11	\$ 4,914.22	2	\$ 4,914.22		\$ 4,914.22	\$ -
3	8" GATE VALVE	2.0	\$ 1,101.06	\$ 2,202.12	1	\$ 1,101.06		\$ 1,101.06	\$ 1,101.06
	MISCELLANEOUS CONSTRUCTION ITEMS								
4	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)	20.0	\$ 99.88	\$ 1,997.60	-	\$ -		\$ -	\$ 1,997.60
5	TEMPORARY EROSION CONTROL	1.0	\$ 1.18	\$ 1.18	1	\$ 1.18		\$ 1.18	\$ -
6	GRASSING	1.0	\$ 1.18	\$ 1.18	1	\$ 1.18		\$ 1.18	\$ -
7	MOBILIZATION	1.0	\$ 2,937.72	\$ 2,937.72	1	\$ 2,937.72		\$ 2,937.72	\$ -
8	MAINTENANCE OF TRAFFIC	1.0	\$ 4,112.81	\$ 4,112.81	1	\$ 4,112.81		\$ 4,112.81	\$ -
	TOTALS			\$ 276,559.78		\$ 236,062.61		\$ 236,062.61	\$ 40,497.17

ECDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Monthly Totals

	1	2	3	4	5	6	7	8	9	10	TOTAL
	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
	SITE 1-OLD HIGHWAY 42 BYPASS										
	WATER PIPE ITEMS										
1	555										555
	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)										
	CONNECTION ITEMS										
2	2										2
3	1										1
4	1										1
	2" SERVICE TAP										
	MISCELLANEOUS CONSTRUCTION ITEMS										
5											
	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)										
6											
	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)										
7											
	CONCRETE CURB & GUTTER REPAIR (ALL TYPES)										
8	1										1
	TEMPORARY EROSION CONTROL										
9	1										1
	GRASSING										
10	1										1
	MOBILIZATION										
11	1										1
	MAINTENANCE OF TRAFFIC										
12	1										1
	10" SDR-11 HDPE (BORED) (CONCRETE, ASPHALT, AND CONCRETE CURB & GUTTER)										
	SITE 2-OLD HIGHWAY 42 BYPASS										
	WATER PIPE ITEMS										
1	485										485
	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)										
	CONNECTION ITEMS										
2	2										2
3	1										1
	CONNECTION: PROPOSED 12" WATER LINE OT EXISTING 12" GATE LINE										
	12" GATE VALVE										
	MISCELLANEOUS CONSTRUCTION ITEMS										
4	35										35
	DRIVEWAY REPAIR (CLASS 4, GROUP B), LVM										
5	60										60
	TRENCH REPAIR, SELECT FILL (CLASS 5, GROUP C), LVM										

Monthly Totals

	1	2	3	4	5	6	7	8	9	10	TOTAL
	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
6											
7											
8											
9											
10											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
1											

Monthly Totals

	DESCRIPTION										1	2	3	4	5	6	7	8	9	10	TOTAL
											Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
2	CONNECTION: PROPOSED 6" WATER LINE TO EXISTING 4" WATER LINE										2										2
3	6" GATE VALVE										1										1
4	MISCELLANEOUS CONSTRUCTION ITEMS																				
5	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)																				
6	TEMPORARY EROSION CONTROL																				
7	GRASSING										1										1
8	MOBILIZATION										1										1
9	MAINTENANCE OF TRAFFIC										1										1
10	6" X 3/4" SERVICE RECONNECT (CURB, CORP, SADDLE, BOX)										5										5
	3/4" SERVICE TUBING										135										135
1	SITE 5-KATIE AVENUE																				
	WATER PIPE ITEMS																				
1	6" 200 PSI, DR-9, HDPE WATER PIPE (DIRECTIONAL BORE)(INCL. ADAPTER FITTINGS)										200										200
2	CONNECTION ITEMS																				
3	CONNECTION: PROPOSED 6" WATER LINE TO EXISTING 4" WATER LINE										2										2
	6" GATE VALVE										1										1
4	MISCELLANEOUS CONSTRUCTION ITEMS																				
5	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)										1										1
6	TEMPORARY EROSION CONTROL										1										1
7	GRASSING										1										1
8	MOBILIZATION										1										1
	MAINTENANCE OF TRAFFIC										1										1
1	SITE 6-ARLEDGE STREET																				
	WATER PIPE ITEMS																				
1	8" 200 PSI, DR-9, HDPE WATER PIPE (DIRECTIONAL BORE)(INCL. ADAPTER FITTINGS)										220										220

Monthly Totals

	1	2	3	4	5	6	7	8	9	10	TOTAL
	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
	DESCRIPTION										
	CONNECTION ITEMS										
2	CONNECTION: PROPOSED 8" WATER LINE TO EXISTING 6" WATER LINE										
3	2										2
4	1										1
	2" SERVICE TAP										
5	MISCELLANEOUS CONSTRUCTION ITEMS										
6	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)										
7	1										1
8	1										1
9	1										1
10	1										1
11	6										6
	6" X 3/4" SERVICE RECONNECT (CURB, CORP, SADDLE, BOX)										
	190										190
	3/4" SERVICE TUBING										
	SITE 7-EDWARDS STREET										
	WATER PIPE ITEMS										
1	240										240
	8" 200 PSI, DR-9, HDPE WATER PIPE (DIRECTIONAL BORE)(INCL ADAPTER FITTINGS)										
	CONNECTION ITEMS										
2	2										2
3	1										1
	CONNECTION: PROPOSED 8" WATER LINE TO EXISTING WATER LINE										
	8" GATE VALVE										
4	MISCELLANEOUS CONSTRUCTION ITEMS										
5	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)										
6	1										1
7	1										1
8	1										1
	TEMPORARY EROSION CONTROL										
	GRASSING										
	MOBILIZATION										
	MAINTENANCE OF TRAFFIC										

Hattiesburg, Mississippi does hereby certify to Regions Bank, as trustee in respect to the referenced Bonds (the Trustee”):

- (1) The amounts herein requisitioned to be paid to the above-designated payees are for the items or services hereinabove described.
- (2) The items or services listed above for which payment is proposed to be made hereunder have not formed the basis for any payment heretofore made from the Series 2016 Project Fund Construction Account.
- (3) Each of the items was reasonable and necessary in connection with the “Construction Project” being financed pursuant to the Loan Agreement dated as of August 18, 2016 (the “Loan Agreement”).
- (4) The payment herein authorized and approved is a proper charge against the Series 2016 Project Fund Construction Account as provided for in Section 3 of the Loan Agreement.
- (5) The invoices or statements from the contractor, vendor or other payee or other document supporting the amounts requisitioned herein are on file with the City.

CITY OF HATTIESBURG, MISSISSIPPI

By:

Title:


Mayor or City Clerk
(Authorized City Representative)

As Approved by:

Regions Commercial Equipment Finance, LLC
As Purchaser

Authorized Officer



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-643

File ID: 2017-643

Type: Regular Agenda Item

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 08/15/2017

Brief Title: Closeout Edwards Street to Hall Avenue Path Project

Final Action: 08/22/2017

Minute Book Number: MB2017-357

Title:

Approve Change Order No. 1 with Walters Construction Company, Inc., for the Edwards Street to Hall Avenue Pathway project extending contract time due to the January 21, 2017 tornado; Authorize publication of Notice of Final Settlement; Authorize payment of final pay application.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: V.-5

Sponsors:

Enactment Date:

Attachments: Change order-Closeout Documents.1, Notice of Final Settlement-Edwards to Hall Path, executed Notice of Final Settlement-Edwards to Hall Path

Enactment Number:

Contact:

Meeting Date: 08/22/2017

Drafter: Sharon Waits

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017	Approve				Pass
Action Text: A MOTION was made by Council Member Delgado and seconded by Council Vice President Dryden to Approve Change Order No. 1 with Walters Construction Company, Inc., for the Edwards Street to Hall Avenue Pathway project extending contract time due to the January 21, 2017 tornado; Authorize publication of Notice of Final Settlement; Authorize payment of final pay application.							
There being no discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							

Yea: 5 Council Member George
Council Member Delgado
Council President Carroll
Council Vice President Dryden
Council Member Brown

Text of Legislative File 2017-643

Title

Approve Change Order No. 1 with Walters Construction Company, Inc., for the Edwards Street to Hall Avenue Pathway project extending contract time due to the January 21, 2017 tornado; Authorize publication of Notice of Final Settlement; Authorize payment of final pay application.

Summary

Close out Edwards Street to Hall Avenue Pathway Project.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

Publish Notice of Final Settlement once on Sunday, August 27, 2017

August 9, 2017
N-S Project No. 8667.017 Task 26

Lamar Rutland, P.E.
Director of Engineering
City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39403-1898

REFERENCE: CONTRACTORS FINAL ESTIMATE
CITY OF HATTIESBURG
EDWARDS STREET TO HALL AVENUE PATHWAY

Dear Mr. Rutland:

Enclosed are three (3) originals of the Contractor's Final Estimate along with Final Close-Out Documents for the referenced project. I have reviewed the Contractor's Final Estimate and find the pay application to be in order. I, therefore, recommend payment to the contractor Walters Construction Company, Inc., in the amount of \$5,610.67 for work completed.

Enclosed is one (1) original Change Order Number 1 form requesting additional time at no additional cost.

Please call me at 545-1565 if you have any questions or need additional information.

Sincerely,

NEEL-SCHAFFER, INC.



Geoffrey Crosby, P.E.
Senior Project Manager

GPC

Enclosures

CONTRACT CHANGE ORDER NO. 1

OWNER: City of Hattiesburg

CONTRACTOR: Walters Construction Company

PROJECT NAME: Edwards Street to Hall Avenue Pathway

CONTRACT NUMBER: _____

REASON FOR CHANGE: At the request of the owner, work was suspended for the clean up efforts for the January
21, 2017 tornado.

You Are Hereby Requested to Comply with the Following Changes from the Contract Plans, Specifications and
Contract Documents: (Use Additional Sheets if Required)

<u>DEDUCTIONS</u>				UNIT	TOTAL
ITEM NO.	DESCRIPTION	QTY	UNIT	COST	CONTRACT
					\$0.00
				Total Deductions =	\$0.00

<u>ADDITIONS</u>				UNIT	TOTAL
ITEM NO.	DESCRIPTION	QTY	UNIT	COST	CONTRACT
				Total Additions =	\$0.00
				TOTAL DEDUCTIONS =	\$0.00
				TOTAL ADDITIONS =	\$0.00
				NET RESULT =	\$0.00

DATE _____



Walters Construction Co., Inc.

SITE WORK & ASPHALT PAVING

July 25, 2017

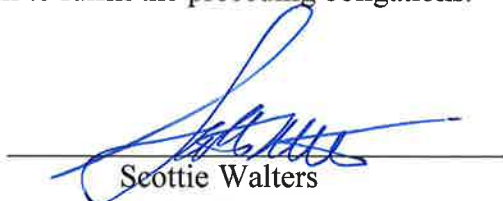
Attn: Geoffrey Crosby
Neel-Schaffer, Inc.
704 Hardy Street
Hattiesburg, MS 39403

RE: Warranty for the of Edwards Street to Hall Avenue Pathway

Dear Mr. Grosby,

We hereby warranty that the City Hattiesburg Edwards Street to Hall Avenue Pathway has been complete in strict accordance with the drawings and specifications and that the work installed will fulfill the requirements of those specifications. We agree to repair or replace or cause to be repaired or replaced any or all of the work which may prove to be defective in workmanship or material together with any adjacent work which required repair or replacement because of our defective work within a period of one year from June 15, 2017. End of year punch list is included in this warranty from the date stated. Additional one-year warranty for striping will be add from June 15, 2018. Ordinary wear and tear and unusual abuse or neglect will not be under this warranty.

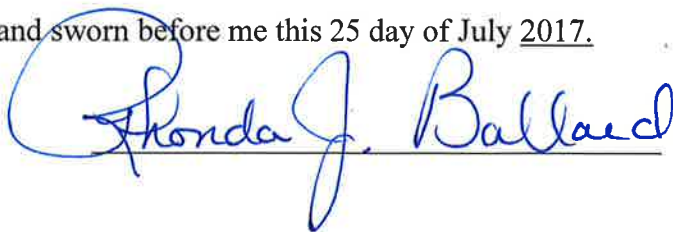
If we fail to comply with the above paragraph within ten (10) days after receipt of written notice from the Owner to do so or fail to pursue such compliance with diligence, we jointly and individually do hereby authorize the Owner to proceed to have the defects repaired and make good at our sole expense, and we will honor and pay the cost and charges for it together with interest at the maximum rate permitted by law upon demand if we fail to fulfill the preceding obligations.


Scottie Walters
President

State of Mississippi

County of Jones

Subscribed and sworn before me this 25 day of July 2017.


Rhonda J. Ballard



**CONTRACTOR'S AFFIDAVIT OF
RELEASE OF LIENS**

OWNER
ARCHITECT
CONTRACTOR
SURETY
OTHER

TO OWNER: City of Hattiesburg
(name and address) 200 Forrest Street
Hattiesburg, MS 39401

A/E PROJECT NO.:

PROJECT: Edward Street to Hall Avenue Pathway
(name and address) Hattiesburg MS

CONTRACT FOR: Walters Construction Co., Inc.
2051 HWY 84 East
Laurel, MS

CONTRACT DATED: July 25, 2017

STATE OF: Mississippi
COUNTY OF: Jones

The undersigned hereby certifies that to the best of the undersigned's knowledge, information and belief, except as listed below, the Releases or Waivers of Lien attached hereto include the Contractor, all Subcontractors, all suppliers of materials and equipment, and all performers of Work, labor or services who have or may have liens or encumbrances or the right to assert liens or encumbrances against any property of the Owner arising in any manner out of the performance of the Contract referenced above.

EXCEPTIONS: Payment of Final Pay Application and Retainage

SUPPORTING DOCUMENTS ATTACHED HERETO:

1. Contractor's Release or Waiver of Liens,
conditional up receipt of final payment

Indicate attachment: ☐ yes ☒ no

CONTRACTOR: Walters Construction Co., Inc.
2051 Hwy. 84 East
Laurel, Ms. 39443

BY:


(Signature of authorized representative)

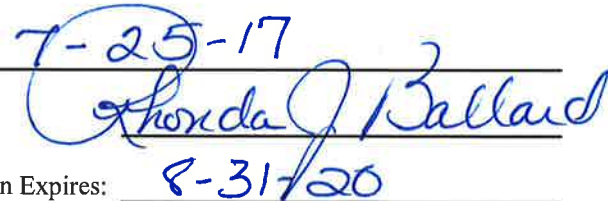

(Signature of authorized representative)

Subscribed and sworn to before me on this date:



Notary Public:

My Commission Expires:

7-25-17

8-31-20

AIA Type Document
Application and Certification for Payment

Pg 1 of 3

TO (OWNER): Edward Street to Hall Ave
200 Forrest St.
Hattiesburg, MS 39401

PROJECT: Edwards Street to Hall Avenue

APPLICATION NO: 3
PERIOD TO: 7/25/2017

DISTRIBUTION TO:
- OWNER
- ARCHITECT
- CONTRACTOR

FROM (CONTRACTOR): Walters Construction CO., Inc.
2051 HWY84 East
Laurel, MS 39443

VIA (ARCHITECT):

ARCHITECT'S PROJECT NO:

CONTRACT FOR:

CONTRACT DATE:

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for Payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Type Document is attached.

1. ORIGINAL CONTRACT SUM\$ 240,620.20

2. Net Change by Change Orders\$ 0.00

3. CONTRACT SUM TO DATE (Line 1 + 2)\$ 240,620.20

4. TOTAL COMPLETED AND STORED TO DATE\$ 224,425.32

5. RETAINAGE:

a. .00 % of Completed Work\$ 0.00

b. 0.00 % of Stored Material\$ 0.00

Total retainage (Line 5a + 5b)\$ 0.00

6. TOTAL EARNED LESS RETAINAGE\$ 224,425.32
(Line 4 less Line 5 Total)

7. LESS PREVIOUS CERTIFICATES FOR PAYMENT
(Line 6 from prior Certificate)\$ 218,814.65

8. CURRENT PAYMENT DUE\$ 5,610.67

9. BALANCE TO FINISH, INCLUDING RETAINAGE
(Line 3 less Line 6)\$ 0 ~~16,194.88~~

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	0.00	0.00
Total approved this Month	0.00	0.00
TOTALS	0.00	0.00
NET CHANGES by Change Order	0.00	

The Undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the owner, and that current payment shown herein is now due.

CONTRACTOR: Walters Construction CO., Inc.
2051 HWY84 East Laurel, MS 39443

By: [Signature] Date: 7/25/17

State of: Mississippi

County of: Jones

Subscribed and Sworn to before me this 25th Day of July, 2017

Notary Public: Rhonda J. Ballard

My Commission Expires: 8-31-20

ARCHITECT'S CERTIFICATE FOR PAYMENT

In Accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED\$ 5,610.67

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

ARCHITECT: [Signature]

By: [Signature] Date: 8/9/2017

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, Payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

AIA Type Document
Application and Certification for Payment

Pg 2 of 3

TO (OWNER): Edward Street to Hall Ave
 200 Forrest St.
 Hattiesburg, MS 39401

PROJECT: Edwards Street to Hall Avenue

APPLICATION NO: 3
PERIOD TO: 7/25/2017

DISTRIBUTION TO:
 - OWNER
 - ARCHITECT
 - CONTRACTOR

FROM (CONTRACTOR): Walters Construction CO., Inc.
 2051 HWY84 East
 Laurel, MS 39443

VIA (ARCHITECT):

ARCHITECT'S PROJECT NO:

CONTRACT FOR:

CONTRACT DATE:

ITEM	DESCRIPTION	PLAN QTY	UNIT PRICE	SCHEDULED VALUE	PREVIOUSLY COMP QTY/%	PREVIOUS APPL	COMP QTY/% THIS PERIOD	COMP AMT THIS PERIOD	STORED MATERIAL	COMPLETED AND STORED	%	BALANCE
1	CLEARING AND GRUBBING	.200	6,200.0000	1,240.00	.200	1,240.00	.000	0.00	0.00	1,240.00	100.00	.00
2	UNCLASSIFIED EXCAVATION	75.000	12.0000	900.00	342.000	4,104.00	.000	0.00	0.00	4,104.00	456.00	-3,204.00
3	EXCESS EXCAVATION	20.000	16.0000	320.00	.000	0.00	.000	0.00	0.00	0.00	.00	320.00
4	BORROW EXCAVATION LVM	500.000	18.0000	9,000.00	213.670	3,846.06	.000	0.00	0.00	3,846.06	42.73	5,153.94
5	TOPSOIL FOR SLOPE TREATMENT	350.000	24.0000	8,400.00	.000	0.00	.000	0.00	0.00	0.00	.00	8,400.00
6	HYDROSEEDING	1.500	1,950.0000	2,925.00	1.500	2,925.00	.000	0.00	0.00	2,925.00	100.00	.00
7	TEMPORARY SILT FENCE	1,000.000	3.2500	3,250.00	380.000	1,235.00	.000	0.00	0.00	1,235.00	38.00	2,015.00
8	WATTLES 12	100.000	8.2500	825.00	.000	0.00	.000	0.00	0.00	0.00	.00	825.00
9	SIZE 610 CRUSHED STONE BASE	700.000	86.1000	60,270.00	724.850	62,409.59	.000	0.00	0.00	62,409.59	103.55	-2,139.59
10	9.5 MM ST ASPHALT PAVEMENT	445.000	100.0000	44,500.00	471.000	47,100.00	.000	0.00	0.00	47,100.00	105.84	-2,600.00
11	ASPHALT FOR TACK COAT	270.000	4.5000	1,215.00	270.000	1,215.00	.000	0.00	0.00	1,215.00	100.00	.00
12	60 CHAIN LINK FENCE	150.000	29.1000	4,365.00	.000	0.00	.000	0.00	0.00	0.00	.00	4,365.00
13	MAINTENANCE OF TRAFFIC	1.000	6,000.0000	6,000.00	1.000	6,000.00	.000	0.00	0.00	6,000.00	100.00	.00
14	ADDITIONAL CONSTRUCTION SIGN	1.000	10.0000	10.00	.000	0.00	.000	0.00	0.00	0.00	.00	10.00
15	MOBILIZATION	1.000	19,500.0000	19,500.00	1.000	19,500.00	.000	0.00	0.00	19,500.00	100.00	.00
16	GROUTED RIPRAP	410.000	70.0000	28,700.00	377.780	26,444.60	.000	0.00	0.00	26,444.60	92.14	2,255.40
17	GEOTEXTILE UNDER GROUTED RIPRAP TYPE V NON-WOVEN	410.000	2.4000	984.00	377.780	906.67	.000	0.00	0.00	906.67	92.14	77.33
18	STANDARD ROADSIDE SIGN SHEET ALUMINUM .080	530.000	34.3000	18,179.00	530.000	18,179.00	.000	0.00	0.00	18,179.00	100.00	.00
19	STEEL U-SECTION POST 3.0 TO 3.5 LB/FT	1,050.000	4.3600	4,578.00	1,050.000	4,578.00	.000	0.00	0.00	4,578.00	100.00	.00

AIA Type Document
Application and Certification for Payment

Pg 3 of 3

TO (OWNER): Edward Street to Hall Ave
 200 Forrest St.
 Hattiesburg, MS 39401

PROJECT: Edwards Street to Hall Avenue

APPLICATION NO: 3
PERIOD TO: 7/25/2017

DISTRIBUTION
TO:
☐ OWNER
☐ ARCHITECT
☐ CONTRACTOR

FROM (CONTRACTOR): Walters Construction CO., Inc.
 2051 HWY84 East
 Laurel, MS 39443

VIA (ARCHITECT):

ARCHITECT'S
PROJECT NO:

CONTRACT FOR:

CONTRACT DATE:

ITEM	DESCRIPTION	PLAN QTY	UNIT PRICE	SCHEDULED VALUE	PREVIOUSLY COMP QTY/%	PREVIOUS APPL	COMP QTY/% THIS PERIOD	COMP AMT THIS PERIOD	STORED MATERIAL	COMPLETED AND STORED	%	BALANCE
20	THRMOPLASTIC LENGEND WHITE ROAD 4 HEIGHT	12.000	256.0000	3,072.00	12.000	3,072.00	.000	0.00	0.00	3,072.00	100.00	.00
21	THRMOPLASTIC LENGEND WHITE XING 4 HEIGHT	12.000	256.0000	3,072.00	12.000	3,072.00	.000	0.00	0.00	3,072.00	100.00	.00
22	THRMOPLASTIC LENGEND WHITE XING 8 HEIGHT	12.000	485.8500	5,830.20	12.000	5,830.20	.000	0.00	0.00	5,830.20	100.00	.00
23	THRMOPLASTIC LENGEND WHITE BIKE SYMBOL 8 HEIGHT	12.000	353.7500	4,245.00	12.000	4,245.00	.000	0.00	0.00	4,245.00	100.00	.00
24	THRMOPLASTIC LENGEND WHITE ROAD 6 EQUIVALENT	3,300.000	2.8000	9,240.00	3,044.000	8,523.20	.000	0.00	0.00	8,523.20	92.24	716.80
REPORT TOTALS				<u>\$240,620.20</u>		<u>\$224,425.32</u>		<u>\$0.00</u>		<u>\$224,425.32</u>		
									<u>\$0.00</u>			<u>\$16,194.88</u>

NOTICE OF FINAL SETTLEMENT

NOTICE is hereby given that the contract between the City of Hattiesburg, Mississippi, as Owner and Walters Construction Company, Inc. dated December 21, 2016, for the Edwards Street to Hall Avenue Pathway project, as per approved plans and specification on file in the City Clerk's Office, has been fully and completely performed and exercised, and that final settlement thereof and thereunder will be made.

THIS NOTICE is given pursuant to and under the terms and provisions of Section 31-5-53, Mississippi Code of 1972, annotated as amended and pursuant to the authority conferred by Order of the Mayor and City Council of Hattiesburg, Mississippi, appearing for record upon and as part of the official minutes of said City of Hattiesburg.

WITNESS my signature and the official seal of said City, on this the 22nd day of August, 2017,
A.D.

CITY OF HATTIESBURG, MISSISSIPPI

BY: _____
CITY CLERK

(S E A L)

Publish (1) Sunday, August 27th, 2017
Return PROOF to City Clerk's Office
P O Box 1898
Hattiesburg, MS 39403

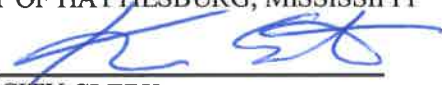
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THIS NOTICE is given pursuant to and under the terms and provisions of Section 31-5-53, Mississippi Code of 1972, annotated as amended and pursuant to the authority conferred by Order of the Mayor and City Council of Hattiesburg, Mississippi, appearing for record upon and as part of the official minutes of said City of Hattiesburg.

WITNESS my signature and the official seal of said City, on this the 22nd day of August, 2017, A.D.

CITY OF HATTIESBURG, MISSISSIPPI

BY: 

CITY CLERK

(S E A L)

Publish (1) Sunday, August 27th, 2017
Return PROOF to City Clerk's Office
P O Box 1898
Hattiesburg, MS 39403



NEEL-SCHAFFER
Solutions you can build upon

engineers
planners
surveyors
environmental
scientists
landscape
architects

August 9, 2017
N-S Project No. 8667.017 Task 26

Lamar Rutland, P.E.
Director of Engineering
City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39403-1898

REFERENCE: CONTRACTORS FINAL ESTIMATE
CITY OF HATTIESBURG
EDWARDS STREET TO HALL AVENUE PATHWAY

Dear Mr. Rutland:

Enclosed are three (3) originals of the Contractor's Final Estimate along with Final Close-Out Documents for the referenced project. I have reviewed the Contractor's Final Estimate and find the pay application to be in order. I, therefore, recommend payment to the contractor Walters Construction Company, Inc., in the amount of \$5,610.67 for work completed.

Enclosed is one (1) original Change Order Number 1 form requesting additional time at no additional cost.

Please call me at 545-1565 if you have any questions or need additional information.

Sincerely,

NEEL-SCHAFFER, INC.

Geoffrey Crosby, P.E.
Senior Project Manager

GPC

Enclosures

LR

CONTRACT CHANGE ORDER NO. 1

OWNER: City of Hattiesburg

CONTRACTOR: Walters Construction Company

PROJECT NAME: Edwards Street to Hall Avenue Pathway

CONTRACT NUMBER: _____

REASON FOR CHANGE: At the request of the owner, work was suspended for the clean up efforts for the January
21, 2017 tornado.

You Are Hereby Requested to Comply with the Following Changes from the Contract Plans, Specifications and
Contract Documents: (Use Additional Sheets if Required)

<u>DEDUCTIONS</u>				UNIT	TOTAL
ITEM NO.	DESCRIPTION	QTY	UNIT	COST	CONTRACT
					\$0.00
Total Deductions =					\$0.00
<u>ADDITIONS</u>				UNIT	TOTAL
ITEM NO.	DESCRIPTION	QTY	UNIT	COST	CONTRACT
Total Additions =					\$0.00
TOTAL DEDUCTIONS =					\$0.00
TOTAL ADDITIONS =					\$0.00
NET RESULT =					\$0.00

ORIGINAL CONTRACT AMOUNT: \$240,620.20

TOTAL CONTRACT CHANGES TO DATE: \$0.00

CURRENT CONTRACT AMOUNT: \$240,620.20

THIS CONTRACT CHANGE: \$0.00

REVISED CONTRACT AMOUNT: \$240,620.20

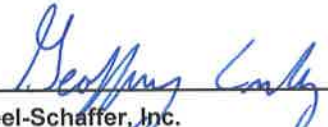
CURRENT CONTRACT COMPLETION DATE: March 16, 2017

TIME EXTENSION REQUIRED BY CHANGE (DAYS): 91

REVISED CONTRACT COMPLETION DATE: June 15, 2017

NOTE: THIS DOCUMENT SHALL BE AN AMENDMENT TO THE CONTRACT AND ALL PROVISIONS OF THE CONTRACT WILL APPLY.

RECOMMENDED BY:


Neel-Schaffer, Inc.
ENGINEER

8/9/2017
DATE

ACCEPTED BY:


Walters Construction Company
CONTRACTOR

7-17-17
DATE

APPROVED BY:

City of Hattiesburg
OWNER

DATE



Walters Construction Co., Inc.

SITE WORK & ASPHALT PAVING

July 25, 2017

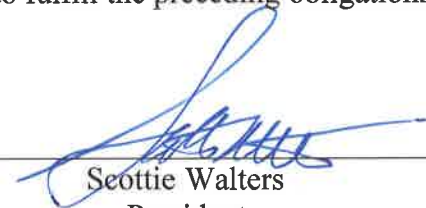
Attn: Geoffrey Crosby
Neel-Schaffer, Inc.
704 Hardy Street
Hattiesburg, MS 39403

RE: Warranty for the of Edwards Street to Hall Avenue Pathway

Dear Mr. Grosby,

We hereby warranty that the City Hattiesburg Edwards Street to Hall Avenue Pathway has been complete in strict accordance with the drawings and specifications and that the work installed will fulfill the requirements of those specifications. We agree to repair or replace or cause to be repaired or replaced any or all of the work which may prove to be defective in workmanship or material together with any adjacent work which required repair or replacement because of our defective work within a period of one year from June 15, 2017. End of year punch list is included in this warranty from the date stated. Additional one-year warranty for striping will be add from June 15, 2018. Ordinary wear and tear and unusual abuse or neglect will not be under this warranty.

If we fail to comply with the above paragraph within ten (10) days after receipt of written notice from the Owner to do so or fail to pursue such compliance with diligence, we jointly and individually do hereby authorize the Owner to proceed to have the defects repaired and make good at our sole expense, and we will honor and pay the cost and charges for it together with interest at the maximum rate permitted by law upon demand if we fail to fulfill the preceding obligations.

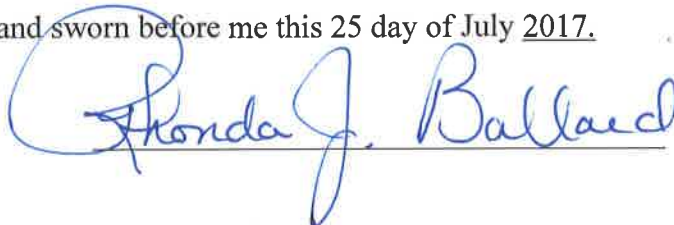


Scottie Walters
President

State of Mississippi

County of Jones

Subscribed and sworn before me this 25 day of July 2017.



Rhonda J. Ballard



**CONTRACTOR'S AFFIDAVIT OF
RELEASE OF LIENS**

OWNER
ARCHITECT
CONTRACTOR
SURETY
OTHER

TO OWNER: City of Hattiesburg
(name and address) 200 Forrest Street
Hattiesburg, MS 39401

A/E PROJECT NO.:

PROJECT: Edward Street to Hall Avenue Pathway
(name and address) Hattiesburg MS

CONTRACT FOR: Walters Construction Co., Inc.
2051 HWY 84 East
Laurel, MS

CONTRACT DATED: July 25, 2017

STATE OF: Mississippi
COUNTY OF: Jones

The undersigned hereby certifies that to the best of the undersigned's knowledge, information and belief, except as listed below, the Releases or Waivers of Lien attached hereto include the Contractor, all Subcontractors, all suppliers of materials and equipment, and all performers of Work, labor or services who have or may have liens or encumbrances or the right to assert liens or encumbrances against any property of the Owner arising in any manner out of the performance of the Contract referenced above.

EXCEPTIONS: Payment of Final Pay Application and Retainage

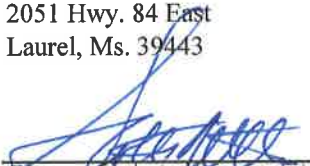
SUPPORTING DOCUMENTS ATTACHED HERETO:

1. Contractor's Release or Waiver of Liens,
conditional up receipt of final payment

Indicate attachment: ☐ yes ☒ no

CONTRACTOR: Walters Construction Co., Inc.
2051 Hwy. 84 East
Laurel, Ms. 39443

BY:


(Signature of authorized representative)

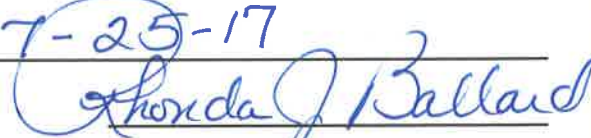

(Signature of authorized representative)

Subscribed and sworn to before me on this date:



Notary Public:

My Commission Expires:

7-25-17

8-31-20

AIA Type Document
Application and Certification for Payment

Pg 1 of 3

TO (OWNER): Edward Street to Hall Ave
200 Forrest St.
Hattiesburg, MS 39401

PROJECT: Edwards Street to Hall Avenue

APPLICATION NO: 3
PERIOD TO: 7/25/2017

DISTRIBUTION
TO:
- OWNER
- ARCHITECT
- CONTRACTOR

FROM (CONTRACTOR): Walters Construction CO., Inc.
2051 HWY84 East
Laurel, MS 39443

VIA (ARCHITECT):

ARCHITECT'S
PROJECT NO:

CONTRACT FOR:

CONTRACT DATE:

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for Payment, as shown below, in connection with the Contract Continuation Sheet, AIA Type Document is attached.

1. ORIGINAL CONTRACT SUM	\$	240,620.20
2. Net Change by Change Orders	\$	0.00
3. CONTRACT SUM TO DATE (Line 1 + 2)	\$	240,620.20
4. TOTAL COMPLETED AND STORED TO DATE	\$	224,425.32

5. RETAINAGE:

a. .00 % of Completed Work	\$	0.00
b. 0.00 % of Stored Material	\$	0.00
Total retainage (Line 5a + 5b)	\$	0.00

6. TOTAL EARNED LESS RETAINAGE	\$	224,425.32
(Line 4 less Line 5 Total)		

7. LESS PREVIOUS CERTIFICATES FOR PAYMENT

(Line 6 from prior Certificate)	\$	218,814.65
---------------------------------------	----	------------

8. CURRENT PAYMENT DUE	\$	5,610.67
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9. BALANCE TO FINISH, INCLUDING RETAINAGE

(Line 3 less Line 6)	\$	16,404.88
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CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	0.00	0.00
Total approved this Month	0.00	0.00
TOTALS	0.00	0.00
NET CHANGES by Change Order	0.00	

The Undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the owner, and that current payment shown herein is now due.

CONTRACTOR: Walters Construction CO., Inc.
2051 HWY84 East Laurel, MS 39443

By:

Date:

State of:

County of:

Subscribed and Sworn to before me this

Notary Public:

My Commission Expires:



ARCHITECT'S CERTIFICATE FOR PAYMENT

In Accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated the quality of the work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$ 5,610.67

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

ARCHITECT:

By:

Date:

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, Payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

AIA Type Document
Application and Certification for Payment

Pg 2 of 3

TO (OWNER): Edward Street to Hall Ave 200 Forrest St. Hattiesburg, MS 39401	PROJECT: Edwards Street to Hall Avenue	APPLICATION NO: 3	DISTRIBUTION TO: - OWNER - ARCHITECT - CONTRACTOR
		PERIOD TO: 7/25/2017	

FROM (CONTRACTOR): Walters Construction CO., Inc.
2051 HWY84 East
Laurel, MS 39443

ARCHITECT'S PROJECT NO:

CONTRACT FOR: _____ **CONTRACT DATE:** _____

ITEM	DESCRIPTION	PLAN QTY	UNIT PRICE	SCHEDULED VALUE	PREVIOUSLY COMP QTY/%	PREVIOUS APPL	COMP QTY/% THIS PERIOD	COMP AMT THIS PERIOD	STORED MATERIAL	COMPLETED AND STORED	%	BALANCE
1	CLEARING AND GRUBBING	200	6,200.0000	1,240.00	200	1,240.00	.000	0.00	0.00	1,240.00	100.00	.00
2	UNCLASSIFIED EXCAVATION	75.000	12.0000	900.00	342.000	4,104.00	.000	0.00	0.00	4,104.00	456.00	-3,204.00
3	EXCESS EXCAVATION	20.000	16.0000	320.00	.000	0.00	.000	0.00	0.00	0.00	.00	320.00
4	BORROW EXCAVATION LVM	500.000	18.0000	9,000.00	213.670	3,846.06	.000	0.00	0.00	3,846.06	42.73	5,153.94
5	TOPSOIL FOR SLOPE TREATMENT	350.000	24.0000	8,400.00	.000	0.00	.000	0.00	0.00	0.00	.00	8,400.00
6	HYDROSEEDING	1.500	1,950.0000	2,925.00	1.500	2,925.00	.000	0.00	0.00	2,925.00	100.00	.00
7	TEMPORARY SILT FENCE	1,000.000	3.2500	3,250.00	380.000	1,235.00	.000	0.00	0.00	1,235.00	38.00	2,015.00
8	WATTLES 12	100.000	8.2500	825.00	.000	0.00	.000	0.00	0.00	0.00	.00	825.00
9	SIZE 610 CRUSHED STONE BASE	700.000	86.1000	60,270.00	724.850	62,409.59	.000	0.00	0.00	62,409.59	103.55	-2,139.59
10	9.5 MM ST ASPHALT PAVEMENT	445.000	100.0000	44,500.00	471.000	47,100.00	.000	0.00	0.00	47,100.00	105.84	-2,600.00
11	ASPHALT FOR TACK COAT	270.000	4.5000	1,215.00	270.000	1,215.00	.000	0.00	0.00	1,215.00	100.00	.00
12	60 CHAIN LINK FENCE	150.000	29.1000	4,365.00	.000	0.00	.000	0.00	0.00	0.00	.00	4,365.00
13	MAINTENANCE OF TRAFFIC	1.000	6,000.0000	6,000.00	1.000	6,000.00	.000	0.00	0.00	6,000.00	100.00	.00
14	ADDITIONAL CONSTRUCTION SIGN	1.000	10.0000	10.00	.000	0.00	.000	0.00	0.00	0.00	.00	10.00
15	MOBILIZATION	1.000	19,500.0000	19,500.00	1.000	19,500.00	.000	0.00	0.00	19,500.00	100.00	.00
16	GROUTED RIPRAP	410.000	70.0000	28,700.00	377.780	26,444.60	.000	0.00	0.00	26,444.60	92.14	2,255.40
17	GEOTEXTILE UNDER GROUTED RIPRAP TYPE V NON-WOVEN	410.000	2.4000	984.00	377.780	906.67	.000	0.00	0.00	906.67	92.14	77.33
18	STANDARD ROADSIDE SIGN SHEET ALUMINUM .080	530.000	34.3000	18,179.00	530.000	18,179.00	.000	0.00	0.00	18,179.00	100.00	.00
19	STEEL U-SECTION POST 3.0 TO 3.5 LB/FT	1,050.000	4.3600	4,578.00	1,050.000	4,578.00	.000	0.00	0.00	4,578.00	100.00	.00

AIA Type Document
Application and Certification for Payment

Pg 3 of 3

TO (OWNER): Edward Street to Hall Ave
200 Forrest St.
Hattiesburg, MS 39401

PROJECT: Edwards Street to Hall Avenue

APPLICATION NO: 3
PERIOD TO: 7/25/2017

DISTRIBUTION
TO:
- OWNER
- ARCHITECT
- CONTRACTOR

FROM (CONTRACTOR): Walters Construction CO., Inc.
2051 HWY84 East
Laurel, MS 39443

VIA (ARCHITECT):

ARCHITECT'S
PROJECT NO:

CONTRACT FOR:

CONTRACT DATE:

ITEM	DESCRIPTION	PLAN QTY	UNIT PRICE	SCHEDULED VALUE	PREVIOUSLY COMP QTY/%	PREVIOUS APPL	COMP QTY/% THIS PERIOD	COMP AMT THIS PERIOD	STORED MATERIAL	COMPLETED AND STORED	%	BALANCE
20	THRMOPLASTIC LENGEND WHITE ROAD 4 HEIGHT	12.000	256.0000	3,072.00	12.000	3,072.00	.000	0.00	0.00	3,072.00	100.00	.00
21	THRMOPLASTIC LENGEND WHITE XING 4 HEIGHT	12.000	256.0000	3,072.00	12.000	3,072.00	.000	0.00	0.00	3,072.00	100.00	.00
22	THRMOPLASTIC LENGEND WHITE XING 8 HEIGHT	12.000	485.8500	5,830.20	12.000	5,830.20	.000	0.00	0.00	5,830.20	100.00	.00
23	THRMOPLASTIC LENGEND WHITE BIKE SYMBOL 8 HEIGHT	12.000	353.7500	4,245.00	12.000	4,245.00	.000	0.00	0.00	4,245.00	100.00	.00
24	THRMOPLASTIC LENGEND WHITE ROAD 6 EQUIVALENT	3,300.000	2.8000	9,240.00	3,044.000	8,523.20	.000	0.00	0.00	8,523.20	92.24	716.80
REPORT TOTALS				<u>\$240,620.20</u>		<u>\$224,425.32</u>		<u>\$.00</u>		<u>\$224,425.32</u>		<u>\$16,194.88</u>
									<u>\$.00</u>			

**CONSENT OF SURETY
TO FINAL PAYMENT**

AIA Document G707

Bond No. 4409848

OWNER	☐
ARCHITECT	☐
CONTRACTOR	☐
SURETY	☐
OTHER	☐

TO OWNER:
(Name and address)

City of Hattiesburg
P. O. Box 1898
Hattiesburg, MS 39403-1898

PROJECT:
(Name and address)

Edwards Street to Hall Avenue Pathway

ARCHITECT'S PROJECT NO.:

CONTRACT FOR:

CONTRACT DATED:

In accordance with the provisions of the Contract between the Owner and the Contractor as indicated above, the
(Insert name and address of Surety)

SureTec Insurance Company
1330 Post Oak Boulevard, Suite 1100
Houston, TX 77056

on bond of
(Insert name and address of Contractor)

Walters Construction Co., Inc.
2051 Highway 84 East
Laurel, MS 39443

hereby approves of the final payment to the Contractor, and agrees that final payment to the Contractor shall not relieve the Surety of
any of its obligations to
(Insert name and address of Owner)

City of Hattiesburg
P. O. Box 1898
Hattiesburg, MS 39403-1898

as set forth in said Surety's bond.

IN WITNESS WHEREOF, the Surety has hereunto set its hand on this date: July 26, 2017
(Insert in writing the month followed by the numeric date and year.)

Attest:
(Seal):

Heiden Mitts



SureTec Insurance Company

(Surety)

By:

(Signature of authorized representative)

G. Ford Mosby

(Printed name and title)

Attorney-in-Fact

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint G. Ford Mosby Jackson, MS

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for:

Surety Bond No.: 4409848

Principal: Walters Construction Co., Inc.

Obligee: City of Hattiesburg

Amount: See Bond Form

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted at a meeting held on 20th of April, 1999.)

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 6th day of April, A.D. 2017.



SURETEC INSURANCE COMPANY

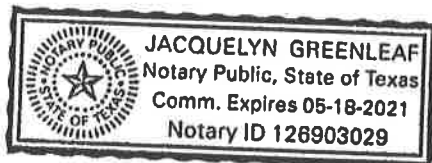
By:

John Knox, Jr., President

State of Texas
County of Harris

ss:

On this 6th day of April, A.D. 2017 before me personally came John Knox, Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.



Jacquelyn Greenleaf, Notary Public
My commission expires May 18, 2021

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 26th day of July 2017, A.D.

M. Brent Beaty, Assistant Secretary

Any Instrument issued in excess of the penalty stated above is totally void and without any validity.
For verification of the authority of this power you may call (713) 812-0800 any business day between 8:00 am and 5:00 pm CST.



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-657

File ID: 2017-657

Type: Regular Agenda Item

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 08/18/2017

Brief Title: Depot to Chain Park CE&I Contract

Final Action: 08/22/2017

Minute Book Number: MB2017-357

Title:

Approve contract with Neel-Schaffer, Inc. for construction engineering and inspection services for the Pathway Improvements from Train Depot to Chain Park Project (Project No. STP-8771-00(002) LPA/106943-701000);
Authorize Mayor to execute said contract.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: V.-6

Sponsors:

Enactment Date:

Attachments: 106943-701000 CEI Contract.B, executed
106943-701000 CEI Contract.B

Enactment Number:

Contact:

Meeting Date: 08/22/2017

Drafter: Sharon Waits

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017	Approve				Pass
Action Text: A MOTION was made by Council Vice President Dryden and seconded by Council Member Delgado to Approve contract with Neel-Schaffer, Inc. for construction engineering and inspection services for the Pathway Improvements from Train Depot to Chain Park Project (Project No. STP-8771-00(002) LPA/106943-701000); Authorize Mayor to execute said contract.							
There being no discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							
Yea: 5 Council Member George Council Member Delgado Council President Carroll Council Vice President Dryden Council Member Brown							

Text of Legislative File 2017-657

Title

Approve contract with Neel-Schaffer, Inc. for construction engineering and inspection services for the Pathway Improvements from Train Depot to Chain Park Project (Project No. STP-8771-00(002) LPA/106943-701000); Authorize Mayor to execute said contract.

Summary

Neel-Schaffer, Inc. CE&I Contract for Depot to Chain Park project

Budget Information

072201.7225.07

Expenditure Type

MDOT Grant

CONSTRUCTION ENGINEERING & INSPECTION SERVICES CONTRACT

City of Hattiesburg- Pathway Improvements from Train Depot to Chain Park

Project No. *STP-8771-00(002) LPA/106943-701000*

Forrest County

THIS CONTRACT, is made and entered into by and between the *City of Hattiesburg*, a body Politic of the State of Mississippi (the "LPA"), and *Neel-Schaffer, Inc.* (the "CONSULTANT"), a *Mississippi Corporation*, duly registered to do business in the State of Mississippi, whose address for mailing is *704 Hardy Street, Hattiesburg, MS 39401*, effective as of the date of latest execution below.

WITNESSETH:

WHEREAS, the LPA proposes to perform the construction engineering services for *the construction of a pathway from the Train Depot on Newman Street to Chain Park (see attached vicinity map)*, hereinafter called the "PROJECT"; and,

WHEREAS, the LPA desires to engage a qualified and experienced CONSULTANT to perform engineering services in connection with the PROJECT, all of which are hereinafter called the "SERVICES"; and,

WHEREAS, the CONSULTANT has represented to the LPA that it is experienced and qualified to provide those services, and the LPA has relied upon such representation; and,

WHEREAS, the CONSULTANT herein was chosen for their expertise in performing the services in connection with the PROJECT and found satisfactory by the LPA; which is now desirous of entering into a contract; and

WHEREAS, the CONSULTANT herein was chosen through the LPA Consultant Selection Process pursuant to Mississippi Department of Transportation (hereinafter "MDOT") LPA Project Development Manual and pursuant to Federal Highway Administration ("FHWA") regulations, Engineering and Design Related Service Contracts, 23 C.F.R. Part 172 (as amended) and found satisfactory;

NOW, THEREFORE, for and in consideration of the mutual promises and covenants contained herein and for other good and valuable considerations flowing unto the parties, the receipt and sufficiency of which is hereby acknowledged, the LPA and the CONSULTANT do hereby contract and agree as follows:

ARTICLE I. GENERAL RECITALS

CONSULTANT shall, for the agreed fees, furnish all engineering services and materials required to perform the tasks described in the Scope of Work for the proposed transportation project. In so doing, CONSULTANT shall meet the current industry standards (and those MDOT and LPA standards specified in Exhibit 2) as to general format and content and in addition thereto, any special requirements of the LPA.

THE LPA, in support of CONSULTANT will provide the CONSULTANT a Scope of Work shown in "Exhibit 2" hereto and any other data which may be of assistance to CONSULTANT and within the possession and control of the LPA.

Manuals, guides, and specifications applicable to this CONTRACT shall be those approved and/or adopted by MDOT and in effect on the effective date of this CONTRACT, unless otherwise specified in this Contract or subsequently directed by MDOT during the course of the CONTRACT.

ARTICLE II. SCOPE OF WORK

The CONSULTANT shall conduct the SERVICES in accordance with the Scope of Work attached to this CONTRACT as "Exhibit 2" and made a part hereof as if fully set forth herein. The performance of the SERVICES referred to in "Exhibit 2" shall be the primary basis for measurement of performance under this CONTRACT. The LPA specifically reserves the right and privilege to enlarge or reduce the scope; or to cancel this CONTRACT at any time.

ARTICLE III. CONTRACT TERM

This CONTRACT shall commence upon the latest date of execution below and continue until such time as the above named project is successfully completed to the satisfaction of the LPA at which time this CONTRACT shall absolutely and finally terminate.

The construction engineering services of the CONSULTANT under this contract shall start with the **date of FHWA/MDOT concurrence in the award of the construction contract by the LPA**, and be completed within 60 days after the final inspection and acceptance of the construction work performed by others. The services of the CONSULTANT are anticipated to be needed and completed in an expedient manner. It is understood that construction progress of force account work by the LPA and/or contractor's work shall influence the time period for the CONSULTANT's services. Therefore, it is necessary that construction be completed in accordance with the original time limit set forth in the original construction schedule. The estimated fees in the Cost/Fee breakdown are based on the initial construction time estimate as included in the Contract Documents. If the construction time extends beyond the contract time, through no fault of the CONSULTANT, the LPA agrees to pay the CONSULTANT for the construction engineering services to complete the project with or without Federal participation, subject to approval by MDOT and FHWA.

During the term of this CONTRACT, the LPA reserves the right to terminate this CONTRACT, subject to the approval of MDOT, in whole or in part, at any time, with or without cause, upon seven (7) days written notice to the CONSULTANT, notwithstanding any just claims by the CONSULTANT for payment of SERVICES rendered prior to the date of termination. The LPA must receive written approval from the MDOT Executive Director on behalf of the Mississippi Transportation Commission before the LPA can terminate this CONTRACT. The LPA shall be liable only for the costs, fees and expenses for demobilization and close out of contract, based on actual time and expenses incurred by CONSULTANT in the packaging and shipment of all documents covered by this CONTRACT to the LPA. In no event shall the LPA be liable for lost profits or other consequential damages.

ARTICLE IV. TIME OF PERFORMANCE

TIME IS OF THE ESSENCE IN THIS CONTRACT. The CONSULTANT shall be prepared to perform its responsibilities for providing SERVICES commencing on the date of execution of the CONTRACT.

A Notice to Proceed shall be issued under authority from the LPA within 30 days after final execution of this CONTRACT. The CONSULTANT may not begin work on any feature of this PROJECT prior to receiving a Notice to Proceed from the LPA.

ARTICLE V. RELATIONSHIP OF THE PARTIES

The relationship of the CONSULTANT to the LPA is that of an independent contractor, and said CONSULTANT, in accordance with its status as an independent contractor, covenants and agrees that it will

conduct itself consistent with such status, that it will neither hold itself out as, nor claim to be, an officer or employee of the LPA by reason hereof. The CONSULTANT will not by reason hereof, make any claim, demand or application or for any right or privilege applicable to an officer or employee of the LPA, including but not limited to workers' compensation coverage, unemployment insurance benefits, social security coverage, retirement membership or credit, or any form of tax withholding whatsoever.

All notices, communications, and correspondence between the LPA and the CONSULTANT shall be directed to the key personnel and agents designated in this contract.

ARTICLE VI. COMPENSATION, BILLING & AUDIT

A. Cost and Fees

The CONSULTANT shall be paid on the basis set forth in "Exhibit 3" to this CONTRACT. Under no circumstances shall the LPA be liable for any amounts, including any costs, which exceed the maximum dollar amount of compensation that is specified in and set forth in "Exhibit 3".

B. Monthly Billing

The CONSULTANT may submit monthly billing to the LPA. (A sample of a preferred invoice is attached as "Exhibit 4".) Each billing shall include all time and allowable expenses through the end of the billing period. Direct expenses, as used herein, include the costs of travel, subsistence, shipping charges, long distance telephone calls and printing if it is not company accounting policy to include these costs in overhead rates. The LPA retains the right to verify time and expense records by audit of any or all CONSULTANT's time and accounting records at any time during the life of the CONTRACT and up to three years thereafter.

If SERVICES are rendered within a given State fiscal year, an invoice requesting payment from the CONSULTANT shall be presented to the LPA within 60 days of the end of the State fiscal year. **Should the CONSULTANT fail to present the invoice within the allotted time, legislative approval may be required before payment can be rendered.**

The CONSULTANT further agrees that FHWA or any other Federal Agency may audit the same records at any time during the life of the CONTRACT and up to three years thereafter, should the funding source for all or any part of the CONTRACT be funds of the United States of America.

C. Record Retention

The CONSULTANT shall maintain all time and expense records incurred on the PROJECT and used in support of its proposal and shall make such material available at all reasonable times during the period of the CONTRACT and for three years from the date of final payment under this CONTRACT for inspection by the LPA, and copies thereof shall be furnished upon request, at the LPA's expense. The CONSULTANT agrees that the provisions of this Article shall be included in any CONTRACT it may make with any subcontractors, assignees or transferees.

D. Retainage

The LPA shall retain 5% of the CONSULTANT'S invoiced amount until the final payment request has been received and an audit of the total PROJECT cost to date has been completed by the LPA or its designee.

ARTICLE VII. FINAL PAYMENT

The CONSULTANT agrees that acceptance of the final payment shall be in full and final settlement of all claims arising against the LPA for work done, documents furnished, cost incurred, or otherwise arising out of this CONTRACT and shall release the LPA from any and all further claims of whatever nature, whether known or unknown, for and on account of said CONTRACT, including payment for any and all work done, and labor and material furnished in connection with the same. Errors and/or omissions discovered subsequent to the

acceptance by the LPA of the final contract documents shall be corrected by the CONSULTANT without additional compensation.

ARTICLE VIII. REVIEW OF WORK

Authorized representatives of the LPA may at all reasonable times review and inspect the SERVICES under this CONTRACT and any addenda or amendments thereto. Authorized representatives of the FHWA may also review and inspect the SERVICES under this CONTRACT should funds of the United States of America be in any way utilized in payment for said SERVICES. Such inspection shall not make the United States of America a party to this CONTRACT, nor will FHWA interfere with the rights of either party hereunder.

All reports, drawings, studies and maps prepared by and for the CONSULTANT, shall be made available to authorized representatives of the LPA for inspection and review at all reasonable times in the General Offices of the LPA. Authorized representatives of the FHWA may also review and inspect said reports, drawings, studies and maps prepared under the CONTRACT should funds of the United States of America be in any way utilized in payment for the same. Acceptance by the LPA shall not relieve the CONSULTANT of its professional obligation to correct, at its expense, any of its breaches, errors and/or omissions, in the final version of the work.

The CONSULTANT shall be responsible for performance of and compliance with all terms of this CONTRACT, including the Scope of Work and other exhibits attached to this contract, and including any technical specifications and special requirements of the LPA, and shall be responsible for errors and/or omissions, including those as to conduct and care, format and content, for all aspects of the CONTRACT, and including professional quality and technical accuracy of all designs, drawings, specifications, and other services furnished by the CONSULTANT.

Failure to comply with any terms of this CONTRACT shall be corrected by the CONSULTANT without additional compensation.

If any breach of CONTRACT, is discovered by LPA personnel after final acceptance of the work by the LPA, then the CONSULTANT shall, without additional compensation, cure any deficiency or breach including errors and/or omissions in designs, plans, drawings, specifications, or other services.

In the event that the project schedule requires that a breach of this CONTRACT be corrected by someone other than the CONSULTANT then the actual costs incurred by the LPA for such corrections shall be the responsibility of the CONSULTANT. The LPA shall give the CONSULTANT an opportunity to correct said breach unless (1) the LPA determines, in its sole discretion, that the CONSULTANT cannot cure the breach within the schedule established by the LPA, or (2) the LPA determines, in its sole discretion, that the CONSULTANT cannot cure the breach to the satisfaction of the LPA.

In the event that the CONSULTANT breaches this CONTRACT, and the breaches of the CONSULTANT are discovered during the construction phase, then an accounting of all costs incurred by the LPA resulting from such breach, including errors and/or omissions, will be made and such amount will be recovered from the CONSULTANT.

ARTICLE IX. RESPONSIBILITIES FOR CLAIMS AND LIABILITY

The CONSULTANT shall indemnify, defend and hold harmless the LPA and all its officers, agents and employees from any claim, loss, damage, cost, charge or expense arising out of any negligent act, actions, neglect or omission by the CONSULTANT, its agents, employees, or subcontractors during the performance of this CONTRACT, whether direct or indirect, and whether to any person or property for which LPA or said parties may be subject, except that neither the CONSULTANT nor any of his agents or subcontractors will be

liable under this provision for damages arising out of the injury or damage to persons or property solely caused or resulting from the negligence of the LPA or any of its officers, agents or employees.

The CONSULTANT'S obligations under this Article, including the obligations to indemnify, defend, hold harmless, pay reasonable attorney fees or, at the LPA'S option, participate and associate with the LPA in the defense and trial or arbitration of any damage claim, lien or suit and any related settlement negotiations, shall be initiated by the LPA'S notice of claim for indemnification to the CONSULTANT. Only an adjudication or judgment after the highest appeal is exhausted specifically finding the LPA entirely responsible shall excuse performance of this provision by the CONSULTANT. In such case, the LPA shall pay all costs and fees related to this obligation and its enforcement. Should there be a finding of dual or multiple liability, costs and fees shall be apportioned accordingly.

In conjunction herewith, the LPA agrees to notify CONSULTANT in writing as soon as practicable after receipt or notice of any claim involving CONSULTANT. These indemnities shall not be limited by reason of the listing of any insurance coverage below.

ARTICLE X. INSURANCE

Prior to beginning the work, the CONSULTANT shall obtain and furnish certificates to the LPA for the following minimum amounts of insurance:

- A. Workers' Compensation Insurance in accordance with the laws of the State of Mississippi.
- B. Public Liability Insurance in an amount not less than one million dollars (\$1,000,000.00) on account of any one occurrence.
- C. Property Damage Insurance in an amount not less than five hundred thousand dollars (\$500,000.00) from damages on account of any one occurrence, with an aggregate limit of not less than one million dollars (\$1,000,000.00).
- D. Valuable Documents Insurance, whether as a part of the property damage insurance referenced above or as separate insurance, in an amount sufficient to cover all costs associated with repairing, restoring or replacing any documents kept or created by Consultant as a part of the Services, in the event of casualty to, or loss or theft of such documents.
- E. Errors and Omissions Insurance, in an amount not less than one million dollars (\$1,000,000.00) per incident; one million dollars (\$1,000,000.00) aggregate.
- F. Comprehensive Automobile Liability Insurance, with a combined single limit for bodily injury and property damage of not less than one million dollars (\$1,000,000.00) per incident with respect to CONSULTANT's (owned, hired or non-owned) vehicles, assigned to or used in the performance of services.

The LPA shall be listed as a certificate holder of insurance on any of the insurance required under this CONTRACT.

In the event that the CONSULTANT retains any subcontractor or other personnel to perform SERVICES or carry out any activities under or incident to work on any project or phase of this CONTRACT, CONSULTANT agrees to obtain from said subcontractor or other personnel, certificates of insurance demonstrating that said subcontractor or other personnel has sufficient coverage, or to include said subcontractor or other personnel within CONSULTANT's coverage for the duration of said PROJECT or phase for which said subcontractor or other personnel is employed.

The Insurance coverage recited above shall be maintained in full force and effect by CONSULTANT during the life of this CONTRACT. Should CONSULTANT cease to carry the errors and omissions coverage listed above for any reason, it shall obtain "tail" coverage at the same limits for a period of not less than three (3) years subsequent to policy termination or contract termination, whichever is longer. Should CONSULTANT change insurance carriers for errors and /or coverage, it shall obtain a "retroactive coverage" endorsement from its new insurance carrier.

Insurance carriers must be admitted to do business in the State of Mississippi by the Mississippi Insurance Department.

A certificate of insurance acceptable to the LPA shall be issued to the LPA by the CONSULTANT prior to the execution of this CONTRACT by the CONSULTANT and thereafter on an annual basis for the duration of this CONTRACT as evidence that policies providing the required coverage, conditions and limits are in full force and effect. Such certificate shall identify this CONTRACT and contain provisions that coverage afforded under the policies will not be cancelled, terminated, or materially altered until at least thirty (30) days prior written notice has been given to the LPA.

The CONSULTANT will furnish certified copies, upon request, of any or all of the policies and/or endorsements to the LPA prior to the execution of this CONTRACT and thereafter on an annual basis for the duration of this CONTRACT.

The CONSULTANT shall provide the LPA any and all documentation necessary to prove compliance with the insurance requirements of this CONTRACT as such documentation is requested, from time to time, by the LPA.

If the CONSULTANT fails to procure or maintain required insurance, the LPA may immediately elect to terminate this CONTRACT or, at its discretion, procure or renew such insurance and pay any and all premiums in connection therewith, and all monies so paid by the LPA shall be repaid by the CONSULTANT to the LPA upon demand, or the LPA may offset the cost of the premiums against any monies due to the CONSULTANT from the LPA.

ARTICLE XI. COVENANT AGAINST CONTINGENT FEES AND LOBBYING

The CONSULTANT shall comply with the relevant requirements of all federal, state or local laws. The CONSULTANT warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the CONSULTANT, to solicit or secure this CONTRACT, and that it has not paid or agreed to pay any company or person, other than a bona fide employee working solely for the CONSULTANT, any fee commission, percentage, brokerage fee, gifts or any other consideration contingent upon or resulting from the award or making of the CONTRACT. The CONSULTANT warrants that it shall not contribute any money, gift or gratuity of any kind, either directly or indirectly to any employee of the LPA, or to any employee of the Mississippi Department of Transportation. For breach or violation of this warranty, the LPA shall have the right to terminate this CONTRACT without liability, and the CONSULTANT shall forfeit any sums due hereunder at the time of such breach and may be barred from performing any future services for the LPA or participating in any future contracts with the LPA.

ARTICLE XII. EMPLOYMENT OF LPA'S PERSONNEL

The CONSULTANT shall not employ any person or persons in the employ of the LPA for any work required by the terms of this CONTRACT, without the written permission of the LPA, except as may otherwise be provided for herein.

ARTICLE XIII. MODIFICATION

If, prior to the satisfactory completion of the SERVICES under this CONTRACT, the LPA materially alters the scope, character, complexity or duration of the SERVICES from those required under this

CONTRACT, a supplemental agreement may be executed between the parties. Also, a supplemental agreement may be executed between the parties in the event that both parties agree the CONSULTANT's compensation should be increased due to an unanticipated increase in the nature, scope or amount of work necessary to properly provide the SERVICES required on any particular phase or project begun hereunder.

Oral agreements or conversations with the LPA, any individual member of the LPA, officer, agent, or employee of the Mississippi Department of Transportation, either before or after execution of this CONTRACT, shall not affect or modify any of the terms or obligations contained in this CONTRACT. All modifications to this CONTRACT, amendments or addenda thereto must be submitted in writing and signed by the parties thereto before any work is commenced.

The CONSULTANT may not begin work on any modifications, amendments, or addenda prior to receiving a Notice to Proceed.

Minor changes in the proposal which do not involve changes in the compensation, extensions of time or changes in the goals and objectives of the CONTRACT may be made by written notification of such change by either the LPA or the CONSULTANT to the other party, and shall become effective upon written acceptance thereof (i.e. letter agreement).

ARTICLE XIV. SUBLETTING, ASSIGNMENT OR TRANSFER

It is understood by the parties to this CONTRACT that the work of the CONSULTANT is considered personal by the LPA. The CONSULTANT shall not assign, sublet or transfer any or all of its interest in this CONTRACT without prior written approval of the LPA. Under no circumstances will CONSULTANT be allowed to sublet more than 60% of the work required under this contract. It is clearly understood and agreed that specific projects or phases of the work may be sublet in their entirety provided that CONSULTANT performs at least 40% of the overall contract with its own forces. Consent by the LPA to any subcontract shall not relieve CONSULTANT from any of its obligations hereunder, and CONSULTANT is required to maintain final management responsibility with regard to any such subcontract.

The LPA reserves the right to review all subcontract documents prepared in connection with this CONTRACT, and the CONSULTANT agrees that it shall submit to the LPA any proposed subcontract document together with subcontractor cost estimates for review and written concurrence of the LPA in advance of their execution.

The CONSULTANT shall make prompt payment to all subconsultants no later than 15 days from receipt of each payment the LPA makes to the CONSULTANT. Each month, the CONSULTANT shall submit OCR-484-C found on MDOT's website to the LPA along with the Invoice. This form certifies payments to all Subconsultants and shows all firms even if the CONSULTANT has paid no monies to the firm during that estimate period (negative report).

ARTICLE XV. OWNERSHIP OF PRODUCTS AND DOCUMENTS AND WORK MADE FOR HIRE

The CONSULTANT agrees that all reports, computer information and access, drawings, studies, notes, maps and other data, prepared by and for them under the terms of this CONTRACT shall be delivered to, become and remain in the property of the LPA upon creation and shall be delivered to the LPA upon termination or completion of work, or upon request of the LPA regardless of any claim or dispute between the parties. All such data shall be delivered within thirty (30) days of receipt of a written request by the LPA.

The CONSULTANT and the LPA intend and agree that this CONTRACT to be a contract for services and each party considers the products and results of the services to be rendered by the CONSULTANT hereunder, including any and all material produced and/or delivered under this CONTRACT (the "Work"), to be a "work made for hire" under U.S. copyright and all applicable laws. The

CONSULTANT acknowledges and agrees that the LPA owns all right, title, and interest in and to the Work including, without limitation, the copyright thereto and all trademark, patent, and all intellectual property rights thereto.

If for any reason the Work would not be considered a work made for hire under applicable law, or in the event this CONTRACT is determined to be other than a contract or agreement for a work made for hire, the CONSULTANT does hereby transfer and assign to the LPA, and its successors and assigns, the entire right, title, and interest in and to any Work prepared hereunder including, without limitation, the following: the copyright and all trademark, patent, and all intellectual property rights in the Work and any registrations and copyright, and/or all other intellectual property, applications relating thereto and any renewals and extensions thereof; all works based upon, derived from, or incorporating the Work; all income, royalties, damages, claims, and payments now or hereafter due or payable with respect thereto; all causes of action, either in law or in equity, for past, present, or future infringement based on the copyrights and/or all other intellectual property; all rights, including all rights to claim priority, corresponding to the foregoing in the United States and its territorial possessions and in all foreign countries. The CONSULTANT agrees to execute all papers and perform such other proper acts as the LPA may deem necessary to secure for the LPA or its designee the rights herein assigned.

The LPA may, without any notice or obligation of further compensation to the CONSULTANT, publish, re-publish, anthologize, use, disseminate, license, or sell the Work in any format or medium now known or hereafter invented or devised. The LPA'S rights shall include, without limitation, the rights to publish, re-publish, or license a third party to publish, re-publish, or sell the Work in print, on the World Wide Web, or in any other electronic or digital format or database now known or hereafter invented or devised, as a separate isolated work or as part of a compilation or other collective work, including a work different in form from the first publication, and to include or license a third party to include the Work in an electronic or digital database or any other medium or format now known or hereafter invented or devised.

The CONSULTANT shall obtain any and all right, title, and interest to all input and/or material from any third party subconsultant, or any other party, who may provide such input and/or material to any portion of the Work so that said right, title, and interest, and all such interest in and to the Work including, without limitation, the copyright thereto and all trademark, patent, and all intellectual property rights thereto, shall belong to the LPA.

For any intellectual property rights currently owned by third parties or by the CONSULTANT and not subject to the terms of this CONTRACT, the CONSULTANT agrees that it will obtain or grant royalty-free, nonexclusive, irrevocable license(s) for or to the LPA at no cost to the LPA to use all copyrighted or copyrightable work(s) and all other intellectual property which is incorporated in the material furnished under this CONTRACT. Further, the CONSULTANT warrants and represents to the LPA that it has obtained or granted any and all such licensing prior to presentation of any Work to the LPA under this CONTRACT. This obligation of the CONSULTANT does not apply to a situation involving a third party who enters a license agreement directly with the LPA.

The CONSULTANT warrants and represents that it has not previously licensed the Work in whole or in part to any third party and that use of the Work in whole or in part will not violate any rights of any kind or nature whatsoever of any third party. The CONSULTANT agrees to indemnify and hold harmless the LPA, its successors, assigns and assignees, and its respective officers, directors, agents and employees, from and against any and all claims, damages, liabilities, costs and expenses (including reasonable attorneys' fees), arising out of or in any way connected with any breach of any representation or warranty made by CONSULTANT herein.

ARTICLE XVI. PUBLICATION AND PUBLICITY

The CONSULTANT agrees that it shall not for any reason whatsoever communicate to any third party, with the exception of the MDOT and the FHWA, in any manner whatsoever concerning any of its CONTRACT work product, its conduct under the CONTRACT, the results or data gathered or processed under this CONTRACT, which includes, but is not limited to, reports, computer information and access, drawings, studies, notes, maps and other data prepared by and for the CONSULTANT under the terms of this CONTRACT, without prior written approval from the LPA, unless such release or disclosure is required by judicial proceeding. The CONSULTANT agrees that it shall immediately refer any third party who requests such information to the LPA and shall also report to the LPA any such third party inquiry, with the exception of the MDOT and/or the FHWA. This Article shall not apply to information in whatever form that comes into the public domain, nor shall it restrict the CONSULTANT from giving notices required by law or complying with an order to provide information or data when such order is issued by a court, administrative agency or other authority with proper jurisdiction, or if it is reasonably necessary for the CONSULTANT to defend itself from any suit or claim.

IT IS FURTHER AGREED, that all approved releases of information, findings, and recommendations shall include a disclaimer provision and that all published reports shall include that disclaimer on the cover and title page in the following form:

The opinions, findings, and conclusions in this publication are those of the author(s) and not necessarily those of the Local Public Agency, Mississippi Department of Transportation, Mississippi Transportation Commission, the State of Mississippi, or the Federal Highway Administration.

ARTICLE XVII. CONTRACT DISPUTES

This CONTRACT shall be deemed to have been executed in **Forrest County**, Mississippi, and all questions including, but not limited to, questions of interpretation, construction and performance shall be governed by the laws of the State of Mississippi, excluding its conflicts of laws provisions, and any litigation with respect to this CONTRACT shall be brought in a court of competent jurisdiction in **Forrest County**, State of Mississippi. The CONSULTANT expressly agrees that under no circumstances shall the LPA be obligated to or responsible for payment of an attorney's fee for the cost of legal action to or on behalf of the CONSULTANT.

ARTICLE XVIII. COMPLIANCE WITH APPLICABLE LAW

- A. The undersigned certify that to the best of their knowledge and belief, the foregoing is in compliance with all applicable laws.
- B. The CONSULTANT shall observe and comply with all applicable federal, state, and local laws, rules and regulations, policies and procedures, ordinances, and orders and decrees of bodies or tribunals of the United States of America or any agency thereof, the State of Mississippi or any agency thereof, and any local governments or political subdivisions, that are in effect at the time of the execution of this CONTRACT or that may later become effective.
- C. The CONSULTANT shall not discriminate against any employee nor shall any party be subject to discrimination in the performance of this CONTRACT because of race, creed, color, sex, national origin, age or disability.
- D. IT IS FURTHER SPECIFICALLY AGREED that the CONSULTANT shall comply and shall require its subcontractors to comply with the regulations for COMPLIANCE WITH TITLE VI OF THE CIVIL RIGHTS ACT OF 1964, as amended, and all other applicable federal regulations as stated in "Exhibit 5" which is incorporated herein by reference.

- E. It is agreed that the CONSULTANT will comply with the provisions set forth in Department of Transportation, 49 CFR, Section 18, Et Seq., regarding Uniform Administrative Requirements for Grants and Cooperative agreements in its administration of this CONTRACT or any subcontract resulting herefrom.
- F. The CONSULTANT agrees that it will abide by the provisions of 49 CFR Section 26 regarding disadvantaged business enterprises and include the certification made in "Exhibit 5" to this CONTRACT in any and all subcontracts which may result from this CONTRACTS.
- G. The CONSULTANT shall comply and shall require its subconsultants to comply with Code of Federal Regulations CFR 23 Part 634 - Worker Visibility – as stated in "Exhibit 5".
- H. IMMIGRANT STATUS CERTIFICATION. The CONSULTANT represents that it is in compliance with the Immigration Reform and Control Act of 1986 (Public Law 99-603), as amended, in relation to all employees performing work in the State of Mississippi and does not knowingly employ persons in violation of the United States immigration laws. The CONSULTANT further represents that it is registered and participating in the Department of Homeland Security's E-Verify™ employment eligibility verification program, or successor thereto, and will maintain records of compliance with the Mississippi Employment Protection Act including, but not limited to, requiring compliance certification from all subcontractors and vendors who will participate in the performance of this Agreement and maintaining such certifications for inspection if requested. The CONSULTANT acknowledges that violation may result in the following: (a) cancellation of any public contract and ineligibility for any public contract for up to three (3) years, or (b) the loss of any license, permit, certification or other document granted by an agency, department or governmental entity for the right to do business in Mississippi for up to one (1) year, or (c) both. The CONSULTANT also acknowledges liability for any additional costs incurred by the LPA due to such contract cancellation or loss of license or permit. The CONSULTANT is required to provide the certification on Exhibit 9 in this CONTRACT to the LPA verifying that the CONSULTANT and subconsultant(s) are registered and participating in E-Verify prior to execution of this CONTRACT
- I. The covenants herein shall, except as otherwise provided, accrue to the benefit of and be binding upon the successors and assigns of the parties hereto.

ARTICLE XIX. WAIVER

Failure of either party hereto to insist upon strict compliance with any of the terms, covenants, and conditions hereof shall not be deemed a waiver or relinquishment of any similar right or power hereunder at any subsequent time, or of any other provision hereof, nor shall it be construed to be a modification of the terms of this CONTRACT.

ARTICLE XX. SEVERABILITY

If any terms or provisions of this CONTRACT are prohibited by the laws of the State of Mississippi or declared invalid or void by a court of competent jurisdiction, the remainder of this CONTRACT shall not be affected thereby and each term and provision of this CONTRACT shall be valid and enforceable to the fullest extent permitted by law.

ARTICLE XXI. ENTIRE AGREEMENT

This CONTRACT constitutes the entire agreement of the parties with respect to the subject matter contained herein and supersedes and replaces any and all prior negotiations, understandings, and agreements, written or oral, between the parties relating thereto.

ARTICLE XXII. CONFLICT OF INTEREST

The CONSULTANT covenants that no public or private interests exist and none shall be acquired directly or indirectly which would conflict in any manner with the performance of the CONSULTANT'S CONTRACT. The CONSULTANT further covenants that no employee of the CONSULTANT or of any subconsultant(s), regardless of his/her position, is to personally benefit directly or indirectly from the performance of the SERVICES or from any knowledge obtained during the CONSULTANT'S execution of this CONTRACT.

ARTICLE XXIII. AVAILABILITY OF FUNDS

It is expressly understood and agreed that the obligation of the LPA to proceed under this CONTRACT is conditioned upon the availability of funds, the appropriation of funds by the Mississippi Legislature, and the receipt of state and/or federal funds. If, at any time, the funds anticipated for the fulfillment of this CONTRACT are not forthcoming or are insufficient, either through the failure of the federal government to provide funds or of the State of Mississippi to appropriate funds or the discontinuance or material alteration of the program under which funds were provided, or if funds are not otherwise available to the LPA for the performance of this CONTRACT, the LPA shall have the right, upon written notice to the CONSULTANT, to immediately terminate or stop work on this CONTRACT without damage, penalty, cost, or expense to the LPA of any kind whatsoever. The effective date of termination shall be as specified in the notice of termination.

ARTICLE XXIV. STOP WORK ORDER

A. **Order to Stop Work.** The LPA may, by written order to the CONSULTANT at any time, and without notice to any surety, require the CONSULTANT to stop all or any part of the work called for by this CONTRACT. This order shall be for a specified period not exceeding twenty-four (24) months after the order is delivered to the CONSULTANT unless the parties agree to any further period. Any such order shall be identified specifically as a stop work order issued pursuant to this clause. Upon receipt of such an order, the CONSULTANT shall forthwith comply with its terms and take all steps to minimize the occurrence of costs allocable to the work covered by the order during the period of work stoppage. Before the stop work order expires, or within any further period to which the parties shall have agreed, the LPA shall either:

- (1) cancel the stop work order; or
- (2) terminate the work covered by such order according to and as provided in Article III of this CONTRACT.

Prior to the LPA'S taking official action to stop work under this CONTRACT, the Executive Director of MDOT and/or the LPA may notify the CONSULTANT, in writing, of MDOT and/or the LPA's intentions to ask the CONSULTANT to stop work under this CONTRACT. Upon notice from the Executive Director of MDOT and/or the LPA, the CONSULTANT shall suspend all activities under this CONTRACT, pending final action by the LPA.

B. **Cancellation or Expiration of the Order.** If a stop work order issued under this clause is canceled at any time during the period specified in the order, or if the period of the order or any extension thereof expires, the CONSULTANT shall have the right to resume work. If the LPA decides that it is justified, an appropriate adjustment may be made in the delivery schedule. If the stop work order results in an increase in the time required for or in the CONSULTANT'S cost properly allocable to the performance of any part of this CONTRACT and the CONSULTANT asserts a claim for such an adjustment within 30 days after the end of the period of work stoppage, an equitable adjustment in this CONTRACT may be made by written modification of this CONTRACT as provided by the terms of this CONTRACT.

- C. **Termination of Stopped Work.** If a stop work order is not canceled and the work covered by such order is terminated, the CONSULTANT may be paid for services rendered prior to the Termination. In addition to payment for services rendered prior to the date of termination, the LPA shall be liable only for the costs, fees, and expenses for demobilization and close out of this CONTRACT, based on actual time and expenses incurred by the CONSULTANT in the packaging and shipment of all documents covered by this CONTRACT to the LPA. In no event shall the LPA be liable for lost profits or other consequential damages.

ARTICLE XXV. KEY PERSONNEL & DESIGNATED AGENTS

CONSULTANT agrees that Key Personnel identified as assigned to this PROJECT shall not be changed or reassigned without prior approval of the LPA or, if prior approval is impossible, and then notice to the LPA and subsequent review by the LPA which may approve or disapprove the action. For purposes of implementing this section and all other sections of this CONTRACT with regard to notice, the following individuals are herewith designated as agents for the respective parties unless otherwise identified in the addenda hereto:

LPA:

For Contractual Matters:
Mayor Toby Barker
City of Hattiesburg
200 Forrest Street
Hattiesburg, MS 39401
Phone: 601-545-4501
Fax: 601-545-4642
mayor@hattiesburgms.com

For Technical Matters:
Lamar Rutland, P.E.
City of Hattiesburg
200 Forrest Street
Hattiesburg, MS 39401
Phone: 601-545-4540
Fax: 601-545-4645
lrutland@hattiesburgms.com

CONSULTANT:

For Contractual Matters:
Mike Essary, P.E.
Neel-Schaffer, Inc.
704 Hardy Street
Hattiesburg, MS 39401
Phone: 601-545-1565
Fax: 601-545-2267
Michael.essary@neel-schaffer.com

For Technical Matters:
Geoffrey Crosby, P.E.
Neel-Schaffer, Inc.
704 Hardy Street
Hattiesburg, MS 39401
Phone: 601-545-1565
Fax: 601-545-2267
Geoffrey.crosby@neel-schaffer.com

Licensure Number
from the Mississippi
Board of Licensure
for Professional
Engineers/Architects and Surveyors:

P.E. #11856 _____
Surveyor # _____

Licensure Number
from the Mississippi
Board of Licensure
for Professional
Engineers/Architect's and Surveyors:

P.E.#19984 _____
Surveyor # _____

ARTICLE XXVI. AUTHORIZATION

Both parties hereto represent that they have authority to enter into this CONTRACT and that the individuals executing this CONTRACT are authorized to execute it and bind their respective parties and certified copies of the applicable LPA Order and the Resolution of the Corporate Board of Directors of the CONSULTANT are attached hereto as "Exhibit 1" and incorporated herein by reference and made a part hereof as if fully copied herein in words and figures.

WITNESS this my signature in execution hereof, this the ____ day of _____, 20 ____.

City of Hattiesburg

Toby Barker

Mayor

WITNESS this my signature in execution hereof, this the 15 day of July, 20 15.

Neel-Schaffer, Inc.

BY: _____

Michael W. Essary
Michael W. Essary

ATTEST: Geoffrey Cook
(for CONSULTANT)

Exhibits attached hereto and incorporated by reference into this contract include those identified on the attached page entitled "List of Exhibits".

LIST OF EXHIBITS

1. Evidence of Authority
2. Scope of Work
3. Fees and Expenses.
4. Sample Invoice
5. Notice to the CONSULTANT
6. CONSULTANT's Certification Regarding Debarment, Suspension and Other Responsibility Matters.
7. Certification of LPA
8. *{This Exhibit was intentionally left blank}*
9. Prime Consultant EEV Certification and Agreement

EXHIBIT 1

{{{{Attach a copy of authority to execute contracts on behalf of the LPA}}}}

Leave this page in as is and LPA resolution will be substituted for this page by the LPA.

CORPORATE RESOLUTION

I, J. Clark Robinson, hereby certify that I am the duly and qualified Corporate Secretary of Neel-Schaffer, Inc., a Mississippi Corporation; that the following is a true and correct copy of a resolution duly adopted by the Executive Committee of the Senior Management Team of said corporation at a Special Meeting of the Executive Committee convened and held in said accordance with the bylaws on the 27th day of March 2014 and that said resolution is now in full force and effect:

RESOLVED, that Neel-Schaffer, Inc. is desirous of entering into engineering services agreements, work assignments, and change orders with the Mississippi Transportation Commission and LPA's within the State of Mississippi.

WHEREAS, such contract documents require the signature of a company officer or official empowered to bind the consultant to the provisions of the agreements, work assignments and change orders.

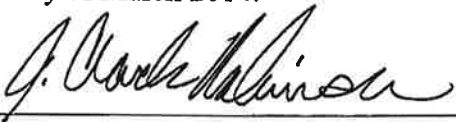
WHEREAS, Neel-Schaffer has several employees who are responsible for the preparation and management engineering services agreements, work assignments and change orders with the Mississippi Transportation Commission and LPA's within the State of Mississippi.

NOW, THEREFORE, BE IT RESOLVED, that:

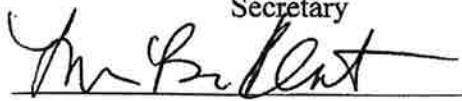
Robert R. Walker – Area Manager and Senior Vice President
Mark G. Bailey – Senior Engineer Manager and Vice President
Cindy Rich – Engineer Manager and Vice President
Keith Purvis – Engineer Manager and Vice President
Kevin Stafford – Engineer Manager and Vice President
Steve Twedt – Area Manager and Vice President
Mike Essary – Sr. Engineer Manager and Vice President
Vincent Malavasi – Engineer Manager and Vice President

are hereby authorized and empowered to sign all engineering services agreements, work assignments and change orders with the Mississippi Transportation Commission.

IN WITNESS WHEREOF, I have affixed my name as Secretary of said corporation this 27th day of March 2014.



J. Clark Robinson
Secretary



Witness

(CORPORATE SEAL)



EXHIBIT 2

Scope of Work

INTRODUCTION

The CONSULTANT will be providing the Construction Engineering & Inspection (CE&I) services to administer this construction contract in accordance with the latest version of the Mississippi Department of transportation (MDOT) LPA Project Development Manual (PDM). The CONSULTANT is required to adhere to the MDOT standards for this project which include the Standard Specifications, Construction, MDOT Materials Division Inspection, Testing, and Certification Manual, MDOT Construction Manual, LPA PDM, and all other documents that are referred to in the Project Construction Contract. The CONSULTANT will be required to use the LPA version of Site Manager software. Should there be a conflict between the LPA PDM and this scope of work, the LPA PDM shall govern.

ENGINEERING ADMINISTRATION:

The **engineering** administration of construction will be the responsibility of the LPA acting through the CONSULTANT, and will be subject to inspection and approval of the Chief Engineer of the MISSISSIPPI D.O.T., (hereinafter designated as the MDOT), and of the Federal Highway Administration (FHWA) or their representatives.

CONSTRUCTION ENGINEERING SERVICES:

Construction **engineering** services shall consist of all **engineering** work, respectively, involved from the contract stage, beginning the date of FHWA/MDOT concurrence in award of the construction contract, through the preparation and submission of the final estimate and supporting documents to the MDOT, and shall include the following:

- A. All materials to be used in the construction of this project shall be tested and certified by the CONSULTANT as meeting the requirements of the approved plans and specifications in accordance with Federal Aid Policy Guide (FAPG) 23CFR637B, Construction Inspection and Approval.
- B. The CONSULTANT shall promptly prepare, verify and recommend payment of all eligible Contractor's estimates; he shall maintain a project daily diary as the official project record for each project, showing the Contractor's daily operation; and the **Engineer's** daily activities by names, function performed and hours worked. He shall check and verify the quantities of all materials incorporated in the project; and shall make prompt preparation and submission of the final estimate and supporting documents to the LPA for approval and payment. He shall likewise make such records available at all reasonable times during the contract period. These records, documents, and data shall be available for inspection by the LPA, MDOT, and the Federal Highway Administration and any other authorized representative of the Federal Government, and copies thereof shall be furnished if requested.
- C. **Subsurface Conditions and Utilities.** LPA recognizes that a comprehensive sampling and testing program implemented by trained and experienced personnel of CONSULTANT or CONSULTANT's subconsultants with appropriate equipment may fail to detect certain hidden conditions. LPA also recognizes that actual environmental,

geological and geotechnical conditions that CONSULTANT properly inferred to exist between sampling points may differ significantly from those that actually exist.

CONSULTANT will locate utilities which will affect the project from information provided by the LPA and utility companies and from CONSULTANT's surveys. In that these utility locations are based, at least in part, on information from others, CONSULTANT cannot and does not warrant their completeness and accuracy.

D. The duties, responsibilities, and limitations of authority of the resident Project **Engineer** are listed in this scope of work.

A LISTING OF THE DUTIES, RESPONSIBILITIES AND LIMITATIONS OF AUTHORITY OF THE RESIDENT PROJECT *ENGINEER*.

The CONSULTANT shall furnish a resident Project **Engineer**, assistants and other field staff to inspect performance of the Work of the CONTRACTOR. Through more extensive on-site inspections of the Work in progress and field checks of materials and equipment by the resident Project **Engineer** and assistants, the CONSULTANT shall endeavor to provide further protection for the LPA against defects and deficiencies in the Work; but, the furnishing of such services will not make the CONSULTANT responsible for or guarantee the CONTRACTOR'S performance. The duties and responsibilities of the resident Project **Engineer** are limited to this agreement with the LPA and in the construction Contract Documents, and are further limited and described as follows:

I. General:

The resident Project **Engineer's** dealings in matters pertaining to the on-site work shall in general be with the CONTRACTOR, keeping the LPA advised as necessary. The resident Project **Engineer** dealings with subcontractors shall only be through or with the full knowledge and approval of the CONTRACTOR. The resident Project **Engineer** shall generally communicate with the LPA.

II. Duties and Responsibilities of the resident Project **Engineer**.

A. Schedules:

Review progress schedule of Shop Drawing submittals and schedule of values prepared by the CONTRACTOR and consult with the LPA concerning acceptability.

B. Conferences and Meetings:

Attend meetings with the CONTRACTOR, such as preconstruction conferences, progress meetings, job conferences and other project-related meetings, and prepare and circulate copies of minutes thereof.

C. Liaison:

- a. Work principally through the CONTRACTOR'S superintendent and assist in understanding the intent of the Contract Documents; and serve as the LPA'S

liaison with the CONTRACTOR when the CONTRACTOR's operations affect the LPA's on-site operations.

- b. Assist in obtaining from the LPA additional details or information, when required for Proper execution of the Work.

D. Shop Drawings and Samples:

- a. Record the date of receipt of Shop Drawings and samples.
- b. Take samples and receive samples which are furnished at the site by the CONTRACTOR, and notify the LPA of availability of samples for examination.
- c. Advise the LPA and the CONTRACTOR of the commencement of any Work requiring a Shop Drawing or sample if the submittal has not been approved by the CONSULTANT.

E. Review of Work, Rejection of Defective Work, Inspections and Tests:

- a. Conduct on-site observations of the Work in progress to determine if the Work is in general proceeding in accordance with the Contract Documents.
- b. Report to the LPA any Work that is believed to be unsatisfactory, faulty or defective or does not conform to the Contract Documents, or has been damaged, or does not meet the requirements of any inspection, test or approval required to be made; and advise the LPA of Work that should be corrected or rejected or should be uncovered for observation, or requires special testing, inspection or approval.
- c. Verify that tests, equipment and systems startups and operating and maintenance training are conducted in the presence of appropriate personnel, and that the CONTRACTOR maintains adequate records thereof-, and observe, record and report to the LPA appropriate details relative to the test procedures and startups.
- d. Accompany visiting inspectors representing the public or other agencies having jurisdiction over the Project, record the results of these inspections and report to the LPA.

F. Interpretation of Contract Documents:

Report to the LPA when clarifications and interpretation of the Contract Documents are needed and transmit to the CONTRACTOR clarifications and interpretations as issued by the LPA.

G. Modifications:

Consider and evaluate the CONTRACTOR'S suggestions for modifications in Drawings or Specifications and report to the LPA. Transmit to the CONTRACTOR decisions as issued by the LPA.

H. Records:

- a. Maintain at the job site orderly files for correspondence, reports of job conferences, Shop Drawings and samples, reproductions of original Contract

Documents including all Work Directive Changes, Addenda, Change Orders, Field Orders, additional Drawings issued subsequent to the execution of the Contract, clarification and interpretations of the Contract Documents, progress reports, and other Project related documents.

- b. Keep a diary signed daily, recording the CONTRACTOR hours on the job site, weather conditions, data relative to questions of Work Directive Changes, Change Orders or changed conditions, list of job site visitors, daily activities of the prime contractors and all subcontractors, decisions, observations in general, and specific observations in more detail as in the case of observing test procedures; and send copies to the LPA.
- c. Record names, addresses and telephone numbers of all CONTRACTORS, subcontractors and major suppliers of materials and equipment.

I. Reports:

- a. Furnish the LPA periodic reports as required of progress of the Work and of the CONTRACTOR'S compliance with the progress schedule and schedule of Shop Drawing and sample submittals.
- b. Consult with the LPA in advance of scheduled major tests, inspections or start of important phases of the Work.
- c. Draft proposed Supplemental Agreements, Quantity Adjustments and Work Directive Changes, obtaining backup material from the CONTRACTOR; and recommend Supplemental Agreements, Quantity Adjustments, Work Directive Changes, and Field Orders to the LPA.
- d. Report immediately to the LPA upon the occurrence of any accident.

J. Payment Requests:

- a. Review applications for payment with the CONTRACTOR for compliance with the established procedure for their submission and forward to the LPA, noting particularly the relationship of the payment requested to the schedule of values and Work completed and materials and equipment delivered to the site but not incorporated in the Work.

K. Certificates, Maintenance and Operation Manuals:

During the course of the Work verify that certificates, maintenance and operations manuals and other data required to be assembled and furnished by the CONTRACTOR are applicable to the items actually installed and in accordance with the Contract Documents, and have this material delivered to the LPA prior to final payment for the Work.

L. Completion:

- a. Before issuing a Certificate of Substantial Completion, submit a list of observed items requiring completion or correction to the Contractor.
- b. Conduct a final inspection in the company of the LPA, the CONTRACTOR, the MDOT, & FHWA, and prepare a final list of items to be completed or corrected.

- c. Observe that all items on the final list have been completed or corrected and make recommendations to the LPA concerning acceptance.

III. Limitations of Authority

The resident Project **Engineer**.

- A. Shall not authorize any deviation from the Contract Documents or substitution of materials or equipment, unless authorized by the LPA.
- B. Shall not exceed the limitations of the LPA'S authority as set forth in the Contract Documents.
- C. Shall not undertake any of the responsibilities of the CONTRACTOR, subcontractors or the CONTRACTOR's superintendent.
- D. Shall not advise on, issue directions relative to, or assume control over any aspect of the means, method, techniques, sequences or procedures of construction unless such advice or directions are specifically required by the Contract Documents.
- E. Shall not accept Shop Drawings or sample submittals from anyone other than the Contractor.
- F. Shall not authorize the LPA to occupy the Project in whole or in part.
- G. Shall not participate in specialized field or laboratory tests or inspections conducted by others except as specifically authorized by LPA.

EXHIBIT 3

FEES AND EXPENSES

The LPA shall pay the CONSULTANT on a Labor-Hour/Unit Cost Basis, with an upset limit of **\$83,770.94** for the satisfactory completion of the Scope of Work set forth under "Exhibit 2", hereto, for all salaries, overhead, direct costs and the CONSULTANT'S fixed fees attributable to this CONTRACT.

All charges for services must be substantiated by supporting data, i.e. certified time sheets, daily logs, check stubs, pay vouchers, or other items as deemed necessary.

Payroll Additive & Overhead:

The current overhead rates shall be submitted by the CONSULTANT and approved by the MDOT within nine (9) months of the end of the CONSULTANT's fiscal period. The current overhead rate, as defined in this CONTRACT, shall be the overhead rate for the CONSULTANT's most recent previous fiscal period. The CONSULTANT's failure to provide a current overhead rate within nine (9) months of the end of the CONSULTANT's fiscal period may result in the CONSULTANT being deemed ineligible for any potential Supplemental Agreements with the LPA. The estimated FCCM for cost proposals, Supplemental Agreements, and invoices must be specially identified and distinguished from the other costs. Profit/Fee shall not include amounts applicable to FCCM.

All overhead rates submitted to MDOT for approval shall comply with the AASHTO Audit Guide, latest edition, as amended. In addition, the CONSULTANT shall submit written certification in accordance with FHWA Order 4470.1A, as amended, that the indirect cost rate submitted does not include any costs which are expressly unallowable and the indirect cost rate was established only with allowable costs in accordance with the applicable cost principles contained in the Federal Acquisition Regulations (FAR) of 48 CFR part 31.

Direct Costs:

Direct Costs are those expenses deemed reasonably necessary by the LPA for the successful completion of the Scope of Work, which are charged directly to the project and not included in overhead. These direct expenses, as used herein, include the costs of travel, subsistence, shipping charges, long distance telephone calls and printing if it is not company accounting policy to include these costs in overhead rates. The LPA will reimburse the CONSULTANT'S actual documented expenses; or the amount allowable under the current edition of the MDOT State Travel Handbook, whichever is lower. Except as otherwise specifically provided herein, the procedures generally outlined in the MDOT State Travel Handbook shall govern the allowability of any expense reimbursement. (e.g. no meal reimbursement when there is no overnight stay).

Labor Hour / Unit-cost Rates:

Labor Hour as the term is used herein shall include all direct salaries, audited overhead rate (as approved by MDOT), and profit. The audited overhead rate shall consist of fringe benefits and the general overhead. Unit-costs, as the term is used herein shall include all direct costs, profit, and any other associated costs for the project. Labor Hour / Unit-Costs are not subject to any adjustments on the basis of the CONSULTANT'S cost experience in performing the PROJECT. The Labor Hour / Unit-costs shall not exceed the rates established in EXHIBIT 3 (found in Table 1: Rate Schedule for Labor Hours). Once the LPA has approved and accepted the work of the CONSULTANT, the LPA will pay the CONSULTANT any unpaid amounts of the PROJECT.

Table 1: Rate Schedule for Labor Hours

PERSONAL NAME	LABOR CLASSIFICATION	Rate
Mike Essary, P.E.	Engineer Manager	\$179.19
Geoffrey Crosby, P.E.	Project Manager	\$109.90
	Engineer Technician	\$84.04
	Inspector IV	\$61.50
	Administrative Assistant	\$70.48
	Engineer Intern	\$71.67

SCHEDULE OF MAXIMUM RATES, EXPENSES & FEES:

Contract Maximums:

Under no circumstances shall the amount payable by the LPA for this CONTRACT exceed \$83,770.94 (Total of all Charges) without the prior written consent of both parties

Fee and Expense Summary

Labor Cost	Direct Cost	SubConsultant	Total
\$69,629.76	\$276.00	\$13,865.18	\$83,770.94

EXHIBIT 4

SAMPLE INVOICE [Labor-Hour/Unit Cost]

LPA's name
LPA's address

DATE:

ATTENTION: LPA, Consultant Services Administrator

INVOICE NO. 0000

PERIOD , 20 THROUGH , 20

PROFESSIONAL SERVICES IN ACCORDANCE WITH

CONTRACT DATED , 20 , AS RELATES TO

PROJECT NO. - - - - IN COUNTY, HIGHWAY .

CONSULTANT:

CUSTOMER NUMBER 0000000000

FILE NO. 000-000000

	<u>CURRENT</u> <u>PERIOD</u>	<u>PREVIOUS</u> <u>ESTIMATE</u>	<u>TOTAL ALLOWED</u> <u>TO DATE</u>
* LABOR COSTS	\$	\$	\$
** DIRECT COSTS	\$	\$	\$
PROJECT TOTAL	\$	\$	\$

AMOUNT DUE THIS INVOICE: \$

NOTE:

1. * ATTACH SUPPORTING DATA
2. ** DIRECT COSTS (ATTACH SUPPORTING DATA)
3. THE CONSULTANT MAY USE ITS OWN INVOICE FORM SO LONG AS IT HAS BEEN APPROVED. PRIOR TO SUBMISSION BY THE CONSULTANT SAID FORM SHOULD, AT A MINIMUM, CONTAIN THE ABOVE INFORMATION

SUPPORTING DATA

Project No. 00-0000-00-000-00
County _____

<u>Employee and Classification</u>	<u>Rate of Pay (in contract)</u>	<u>Current Period Hours</u>	<u>Previous Period Costs</u>	<u>Costs To Date</u>
DIRECT LABOR AND DIRECT COSTS				
John P. Public, Jr Engineer	0.00	0.00	0.00	0.00
John P. Public, Jr Designer	0.00	0.00	0.00	0.00
John P. Public, Jr Engineer	0.00	0.00	0.00	0.00
John P. Public, Jr Technician	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Sub Total		0.00	0.00	0.00
Total Labor			0.00	0.00
Direct Costs			<u>0.00</u>	<u>0.00</u>
Project Total			0.00	0.00

EXHIBIT 5

NOTICE TO CONTRACTORS, FEDERAL-AID CONTRACT COMPLIANCE WITH TITLE VI OF THE CIVIL RIGHTS ACT OF 1964 COPELAND ANTI-KICKBACK ACT, DAVIS BACON ACT CONTRACT WORK HOURS AND SAFETY STANDARDS ACT CLEAN AIR ACT, ENERGY POLICY AND CONSERVATION ACT DISADVANTAGED BUSINESS ENTERPRISES, WORKER VISIBILITY

During the performance of this CONTRACT, the CONSULTANT, for itself, its assignees and successor-in-interest (hereinafter referred to as the "CONSULTANT") agrees as follows:

1. Compliance with Regulations: The CONSULTANT will comply with the Regulations of the Department of Transportation relative to nondiscrimination in Federally-assisted programs of the Department of Transportation (Title 49, Code of Federal Regulations, Part 21, hereinafter referred to as the "Regulations"), which are herein incorporated by reference and made a part of this CONTRACT.

2. Nondiscrimination: The CONSULTANT, with regard to the work performed by it after award and prior to completion of the contract work, will not discriminate on the grounds of race, religion, color, sex, national origin, age or disability in the selection and retention of subcontractors including procurement of materials and leases of equipment. The CONSULTANT will not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the CONTRACT covers a program set forth in Appendix B of the Regulations. In addition, the CONSULTANT will not participate either directly or indirectly in discrimination prohibited by 23 C.F.R. 710.405(b).

3. Solicitations for Subcontracts. Including Procurement of Materials and Equipment: In all Solicitations, either by competitive bidding or negotiation made by the CONSULTANT for work to be performed under a subcontract, including procurement of materials or equipment, each potential subcontractor or supplier shall be notified by the CONSULTANT of the CONSULTANT's obligations under this CONTRACT and the Regulations relative to nondiscrimination on the grounds of race, religion, color, sex, national origin, age or disability.

4. Anti-kickback provisions: All contracts and subcontracts for construction or repair shall include a provision for compliance with the Copeland "Anti-Kick Back" Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR, Part 3). This Act provides that each contractor or subcontractor shall be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he is otherwise entitled. The CONSULTANT shall report all suspected or reported violations to the LPA.

5. Davis Bacon Act: When required by the federal grant program legislation, all construction contracts awarded to contractors and subcontractors in excess of \$2,000 shall include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 276a to a-7) and as supplemented by Department of Labor regulations (29 CFR, Part 5). Under this Act, contractors shall be required to pay wages to laborers and mechanics at a rate not less than the minimum wages specified in a wage determination made by the Secretary of Labor. In addition, contractors shall be required to pay wages specified in a wage determination made by the Secretary of Labor. In addition, contractors shall be required to pay wages specified in a wage determination made by the Secretary of Labor. In addition, contractors shall be required to pay wages not less often than once a week.

6. Contract Work Hours and Safety Standards Act: Where applicable, all contracts awarded by or to contractors and subcontractors in excess of \$100,000 which involve the employment of mechanics or laborers shall include a provision for compliance with sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330) as supplemented by Department of Labor Regulations (29 CFR, Part 5). Under section 103 of the Act, each contractor shall be required to compute the wages of every mechanic and

laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than 1 1/2 times the basic rate of pay for all hours worked in excess of 40 hours in the work week. Section 107 of the Act is applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to his health and safety as determined under construction, safety, and health standards promulgated by the Secretary of Labor. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

7. Clean Air Act: Compliance with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857 (h)), Section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR Part 15) (Contracts and subcontracts in amounts in excess of \$100,000).

8. Energy Policy and Conservation Act: Mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163).

9. Disadvantaged Business Enterprises: It is the policy of the Mississippi Department of Transportation to comply with the requirements of 49 C.F.R. 26, to prohibit unlawful discrimination, to meet its goal for DBE participation, to meet that goal whenever possible by race-neutral means, to create a level playing field, and to achieve that amount of DBE participation that would be obtained in a non-discriminatory market place. To meet that objective in any United States Department of Transportation assisted contracts, the LPA and the CONSULTANT shall comply with the "Mississippi Department of Transportation's Disadvantaged Business Enterprise Programs For United States Department Of Transportation Assisted Contracts".

Neither the CONSULTANT (Contractor), nor any sub-recipient or sub-contractor shall discriminate on the bases of race, color, national origin, or sex in the performance of this contract. The CONSULTANT (Contractor) shall carry out applicable requirements of 49 C.F.R. 26 in the award and administration of United States Department of Transportation assisted contracts. Failure of the CONSULTANT (Contractor) to carry out those requirements is a material breach of the contract which may result in the termination of this contract or such other remedies as the Mississippi Department of Transportation deems appropriate.

10. Worker Visibility: All workers within the right-of-way of a Federal-aid highway who are exposed either to traffic (vehicles using the highway for the purposes of travel) or to construction equipment within the work area shall wear high-visibility safety apparel – personal protective safety clothing that is intended to provide conspicuity during both daytime and nighttime usage, and that meets the Performance Class 2 or 3 requirements of the ANSI/ISEA 107–2004 publication entitled "American National Standard for High-Visibility Safety Apparel and Headwear" – for compliance with 23 CFR, Part 634.

EXHIBIT 6

CERTIFICATION REGARDING DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS

CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS - Certification in accordance with Section 29.510 Appendix A, C.F.R./Vol. 53, No. 102, page 19210 and 19211:

- (1) The CONSULTANT certifies to the best of its knowledge and belief that it and its principals:
 - (a) are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any federal department or agency;
 - (b) have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (federal, state or local) transaction or contract under a public transaction, violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (federal, state or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification: and
 - (d) have not within a three-year period preceding this application/proposal had one or more public transactions (federal, state or local) terminated for cause or default;
 - (e) has not either directly or indirectly entered into any agreement participated in any collusion; or otherwise taken any action in restraint of free competitive negotiation in connection with this CONTRACT.
- (2) The CONSULTANT further certifies, to the best of his/her knowledge and belief, that:
 - (f) No federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a member of Congress, an officer or employee of Congress, or employee of a member of Congress in connection with the awarding of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
 - (g) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of Congress, or any employee of a member of Congress in connection with this CONTRACT, Standard Form-LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions will be completed and submitted.

The certification contained in (1) and (2) above is a material representation of fact upon which reliance is placed and a pre-requisite imposed by Section 1352, Title 31, U. S. Code prior to entering into this CONTRACT. Failure to comply shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000. The CONSULTANT shall include the language of the certification in all subcontracts exceeding \$100,000 and all sub-contractors shall certify and disclose accordingly.

I hereby certify that I am the duly authorized representative of the CONSULTANT for purposes of making this certification, and that neither I, nor any principal, officer, shareholder or employee of the above firm has:

(a) employed or retained for commission, percentages, brokerage, contingent fee, or other consideration, any firm or person (other than a bona fide employee working solely for me or the above consultant) to solicit or secure this agreement,

(b) agreed, as an express or implied condition for obtaining this CONTRACT, to employ or retain the services of any firm or person in connection with carrying out the agreement, or

(c) paid, or agreed to pay, to any firm, organization or person (other than a bona fide employee working solely for me or the above consultant) any fee, contribution, donation, or consideration of any kind for, or in connection with, procuring or carrying out the agreement; except as herein expressly stated (if any).

I acknowledge that this Agreement may be furnished to the Federal Highway Administration, United States Department of Transportation, in connection with the Agreement involving participation of Federal-Aid Highway funds, and is subject to applicable state and federal laws, both criminal and civil.

SO CERTIFIED this 15 day of July, 20 15.

Neel-Schaffer, Inc.

BY:

Michael W. Essary
Michael W. Essary

ATTEST:

Geoffrey C. Cook
My Commission Expires:

Janice Hobler
Notary

EXHIBIT 7

CERTIFICATION OF THE LPA

I hereby certify that I am the Chief Administrative Official, duly authorized by the LPA to execute this certification and that the above consulting firm or its representative has not been required, directly or indirectly, as an express or implied condition in connection with obtaining or carrying out this agreement to:

- (a) employ or retain, or agree to employ or retain, firm or person, or
- (b) pay, or agree to pay, to any firm, person organization, any fee, contribution, donation, or consideration of any kind except as here expressly stated (if any).

SO CERTIFIED on the ____ day of _____, 20__.

LPA City of Hattiesburg
Name of LPA

Toby Barker

Mayor

EXHIBIT 8

{Intentionally Left Blank}

EXHIBIT 9

PRIME CONSULTANT / CONTRACTOR EEV CERTIFICATION AND AGREEMENT

By executing this Certification and Agreement, the undersigned verifies its compliance with the, "Mississippi Employment Protection Act," Section 71-11-3 of the Mississippi Code of 1972, as amended, and any rules or regulations promulgated by the LPA, Mississippi Transportation Commission [MTC], Department of Employment Security, State Tax Commission, Secretary of State, Department of Human Services in accordance with the Mississippi Administrative Procedures Law (Section 25-43-1 et seq., Mississippi Code of 1972, as amended), stating affirmatively that the individual, firm, or corporation which is contracting with the LPA has registered with and is participating in a federal work authorization program* operated by the United States Department of Homeland Security to electronically verify information of newly hired employees pursuant to the Immigration Reform and Control Act of 1986, Pub.L. 99-603, 100 Stat 3359, as amended. The undersigned agrees to inform the LPA if the undersigned is no longer registered or participating in the program.

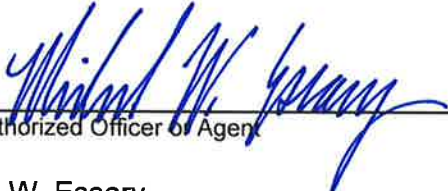
The undersigned agrees that, should it employ or contract with any entity(s) in connection with the performance of this CONTRACT, the undersigned will secure from such entity(s) verification of compliance with the Mississippi Employment Protection Act. The undersigned further agrees to maintain records of such compliance and provide a copy of each such verification to the LPA, if requested, for the benefit of the LPA or this CONTRACT.

128686

EEV* Company Identification Number [Required]

The undersigned certifies that the above information is complete, true and correct to the best of my knowledge and belief. The undersigned acknowledges that any violation may be subject to the cancellation of the contract, ineligibility for any state or public contract for up to three (3) years, the loss of any license, permit, certificate or other document granted by any agency, department or government entity for the right to do business in Mississippi for up to one (1) year, or both, any and all additional costs incurred because of the contract cancellation or the loss of any license or permit, and may be subject to additional felony prosecution for knowingly or recklessly accepting employment for compensation from an unauthorized alien as defined by 8 U.S.C §1324a(h)(3), said action punishable by imprisonment for not less than one (1) year nor more than five (5) years, a fine of not less than One Thousand Dollars (\$1,000.00) nor more than Ten Thousand Dollars (\$10,000.00), or both, in addition to such prosecution and penalties as provided by Federal law.

BY:


Authorized Officer or Agent

7-15-15
Date

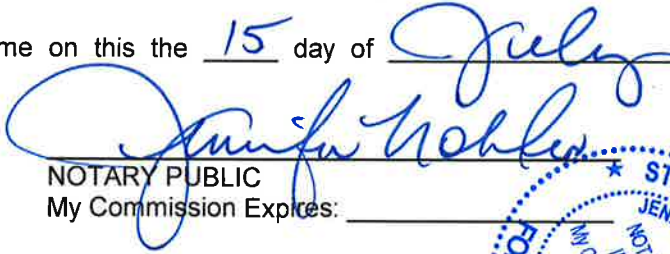
Michael W. Essary

Printed Name of Authorized Officer or Agent

Vice-President/Neel-Schaffer, Inc.

Title of Authorized Officer or Agent of Contractor / Consultant

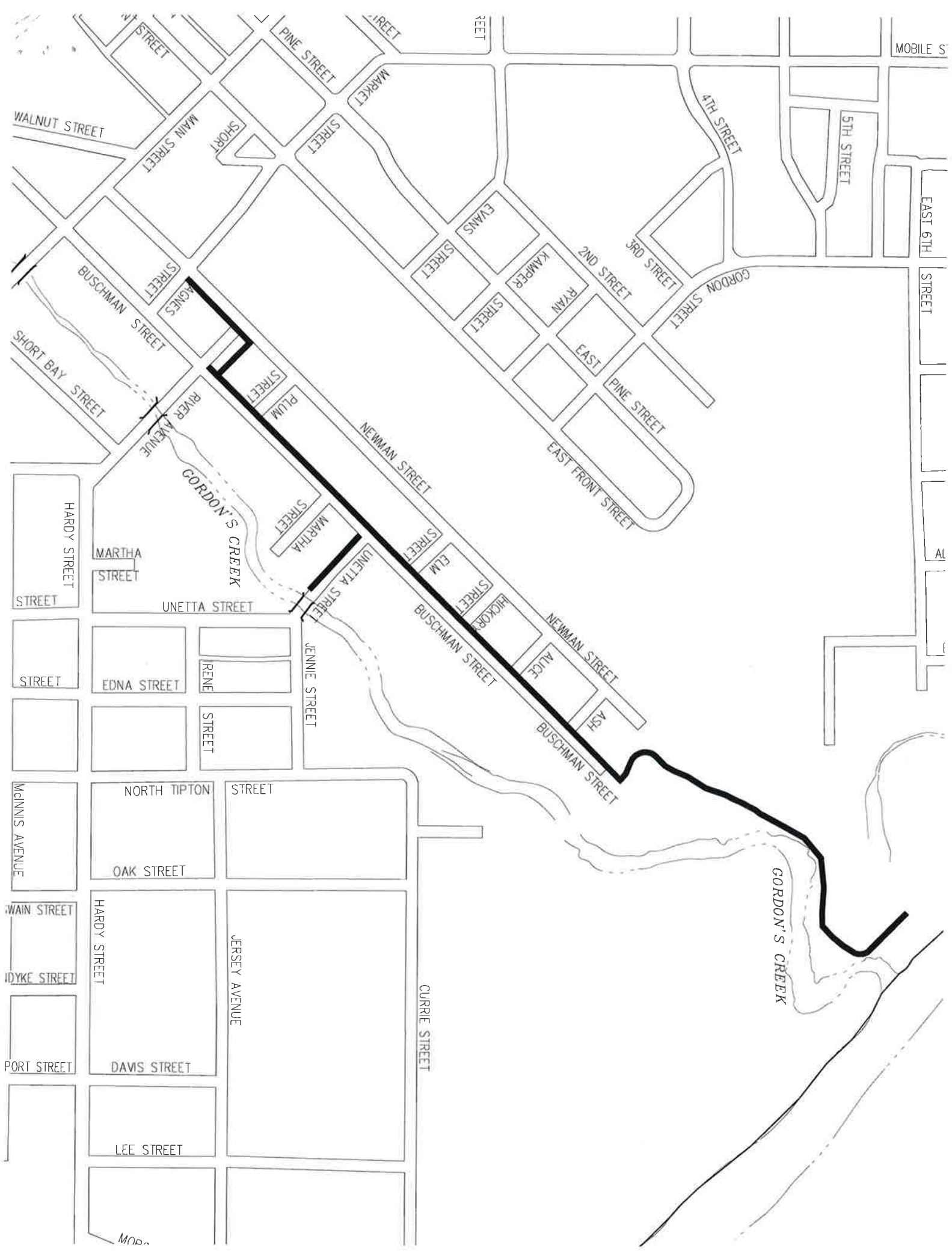
SWORN TO AND SUBSCRIBED before me on this the 15 day of July, 2015.


NOTARY PUBLIC

My Commission Expires: _____

* As of the effective date of the Mississippi Employment Protection Act, the applicable federal work authorization program is E-Verify™ operated by the U. S. Citizenship and Immigration Services of the U.S. Department of Homeland Security, in conjunction with the Social Security Administration.





FEE PROPOSAL

CONSTRUCTION ENGINEERING & INSPECTION

Pathway Improvements from Train Depot to Chain Park

Prepared for:

Mississippi Department of Transportation

Project Number:

STP-8771-00(002)LPA / 106943-701000

City of Hattiesburg, MS

Prepared by: Neel-Schaffer, Inc.

Date Submitted:

April 30, 2015

Date Revised:

Cost Summary

Pathway Improvements from Train Depot to Chain Park

Construction Engineering & Inspection Services

Neel-Schaffer, Inc.

Labor Costs

CE&I Services	\$	69,629.76
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Direct Costs

CE&I Services	\$	276.00
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Subtotal	Neel-Schaffer, Inc.
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\$	69,905.76
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Soiltech

Labor Costs

CE&I Services	\$	10,649.18
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Direct Costs

CE&I Services	\$	3,216.00
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Subtotal {Soiltech} Costs

\$	13,865.18
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PROJECT TOTAL COSTS

\$	83,770.94
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BILLING RATE TABLE

Neel-Schaffer, Inc.

Construction Engineering & Inspection Services

Home Overhead Rate ²	158.88% %	158.77% OH + 0.11% FCCM
Field Overhead Rate ²	122.13% %	122.09% OH + 0.04% FCCM
Profit	12.00% %	

REGULAR BILLING TIME

Classification	Raw Wage Rate	Audited OH Rate ³	Profit	Regular Billing Rate
Engineer Manager	\$ 61.80	\$ 98.19	\$ 19.20	\$179.19
Project Manager	\$ 37.90	\$ 60.22	\$ 11.78	\$109.90
Engineer Technician	\$ 28.98	\$ 46.05	\$ 9.00	\$84.04
Inspector IV	\$ 24.72	\$ 30.19	\$ 6.59	\$61.50
Administrative Assistant	\$ 24.31	\$ 38.62	\$ 7.55	\$70.48
Engineer Intern	\$ 24.72	\$ 39.28	\$ 7.68	\$71.67

OVERTIME BILLING RATES ***

Classification	Raw Wage Rate	Audited OH Rate ³	Profit	Regular Billing Rate
Inspector I		\$ -	\$ -	\$ -
Inspector II		\$ -	\$ -	\$ -
Additional		\$ -	\$ -	\$ -
Additional		\$ -	\$ -	\$ -
Additional		\$ -	\$ -	\$ -

² Approved by MDOT

³ Formula's may need to be adjusted if consultant has field overhead rate approved.

*** Overtime may only be allowable for those employees per Federal requirements.

*** Overtime is calculated by Raw Wage only * 1.5. Overhead and profit shall not be increased by 1.5

HOUR DISTRIBUTION / LABOR COSTS

Neel-Schaffer, Inc.

Construction Engineering & Inspection Services

STP-8771-00(002)LPA / 106943-701000

REGULAR HOURS ONLY

POSITION TITLE	Hours Per Month												On Job Months	Subtotal Hours	Hourly Rate	Extension
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov				
Engineer Manager	4	4	4	4	4	4	4	4					8	32	\$ 179.19	\$ 5,733.96
Project Manager	16	12	12	12	12	12	12	16					8	104	\$ 109.90	\$ 11,429.70
Engineer Technician	8	4	4	4	16	24	4	16					8	80	\$ 84.04	\$ 6,723.07
Inspector IV		110	110	110	110	110	110	12					7	672	\$ 61.50	\$ 41,327.87
Administrative Assistant	4	2	2	2	2	2	2	8					8	24	\$ 70.48	\$ 1,691.52
Engineer Intern	6	4	4	4	4	4	4	8					8	38	\$ 71.67	\$ 2,723.63

Labor Subtotal (Regular) \$ 69,629.76

STP-8771-00(002)LPA / 106943-701000

OVERTIME HOURS ONLY

POSITION TITLE	Overtime Hours Per Month												On Job Months	Subtotal Hours	Hourly Rate	Extension
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov				
Inspector I													0	0	\$ -	\$ -
Inspector II													0	0	\$ -	\$ -
Additional													0	0	\$ -	\$ -
Additional													0	0	\$ -	\$ -
Additional													0	0	\$ -	\$ -

Labor Subtotal (Overtime) \$ -

CONTRACTOR'S Project Completion Time:

70 Working Days

Construction Estimate:

\$574,615.18

DIRECT COSTS ****
Neel-Schaffer, Inc.
Construction Engineering & Inspection Services

POSITION TITLE	LODGING	MEALS	TRAVEL	PRINTING	{OTHER}	MONTH TOTAL
Engineer Manager						\$ -
Project Manager						\$ -
Engineer Technician						\$ -
Inspector IV			\$ 276.00			\$ 276.00
Administrative Assistant						\$ -
Engineer Intern						\$ -
TOTAL						\$ 276.00

**** Provide detail for breakdown of Direct Costs

480 miles at \$0.575 per mile

ESTIMATED MAXIMUM FEE FOR TESTING SERVICES

Project Name Pathway Improvements from Train City of City of Hattiesburg, MS

MDOT Project No. STP-8771-00(002)LPA / 106943-701000
Testing Firm Name Soiltech, Inc.

MDOT District Material Engineer Approval Date for the S&T Report 4/24/2015

Overhead Rate 177.92%
Profit 12.00%

Classification	Raw Wage Rate	Audited OH Rate	Profit	Regular Billing Rate
Sr. Project Manager	\$ 58.31	\$ 103.75	\$ 19.45	\$ 181.50
Project Manager	\$ 42.15	\$ 74.99	\$ 14.06	\$ 131.20
Field Manager	\$ 35.19	\$ 62.61	\$ 11.74	\$ 109.54
Admin. Assistant	\$ 18.03	\$ 32.08	\$ 6.01	\$ 56.12
Lab Manager	\$ 31.52	\$ 56.08	\$ 10.51	\$ 98.11
Technician	\$ 17.30	\$ 30.78	\$ 5.77	\$ 53.85

LABOR COSTS	Hours	Regular Billing Rate	Total
Sr. Project Manager	2	\$ 181.50	\$ 363.00
Project Manager	18	\$ 131.20	\$ 2,361.61
Field Manager	10	\$ 109.54	\$ 1,095.36
Admin. Assistant	10	\$ 56.12	\$ 561.22
Lab Manager	9	\$ 98.11	\$ 883.01
Technician	100	\$ 53.85	\$ 5,384.98
SUBTOTAL - LABOR COSTS	149		\$ 10,649.18

FIELD AND LABORATORY	Quantity	Unit	Unit Cost	Total Cost
Bulk Specific Gravity	2	Each	\$ 45.00	\$ 90.00
Grain Size Analyses(+ #200) T 88	2	Each	\$ 85.00	\$ 170.00
Standard Proctor	2	Each	\$ 200.00	\$ 400.00
Concrete Compression Test ASTM C39	27	Each	\$ 18.00	\$ 486.00
SUB-TOTAL - FIELD AND LABORATORY				\$ 1,146.00

EXPENSE ITEMS	Quantity	Rate	Total Cost
Automobile Travel (24 round trips from Long Beach to project site @ 150 miles each)	3600	x \$ 0.575	\$ 2,070.00
SUB-TOTAL - EXPENSE ITEMS			\$ 3,216.00

TOTAL PROPOSED FEE \$ 13,865.18**NOTES:**

The above quantities are based on the contractor production estimates provided by MDOT. One 3-hour trip was estimated to pick up all soil samples required for the project. It was estimated that the contractor will have approximately 2000 feet of sidewalk prepared for density testing on each trip requiring only five 5-hour trips. For 825 yards of concrete, nine 4-hour trips will be required for concrete testing, making only one set of three cylinders per trip (27 cylinders). Nine 4-hour trips will be required for cylinder pickups.

Senior Field Inspector Trip and Hourly Summary

Description	Trips	Hours/Trip	Hours
Soil Sample Pickup	1	3	3
Density Testing	5	5	25
Concrete Testing	9	4	36
Concrete Cylinder Pickup	9	4	36
Totals	24		100

Concrete testing is estimated to be nine sets of three cylinders because the total estimated quantity from the engineer was 825 cubic yards, and according to small project guidelines, only sampled every 100 yards. This ends up being 8.25 sets of cylinders which was rounded up to 9 sets of three cylinders giving 27 cylinders.

Out of 24 trips, 9 would be for cylinder pick ups leaving 15 trips with reports. We estimate that the project engineer and administrative assistant will spend 1/4 hour (15 minutes) and 1/2 hour (30 minutes), respectively, per report (approximately 4 hours for project engineer and 8 hours administrative assistant). The project manager will spend about 1/2 the time the project engineer will spend periodically checking reports (2 hours).

CONSTRUCTION ENGINEERING & INSPECTION SERVICES CONTRACT

City of Hattiesburg- Pathway Improvements from Train Depot to Chain Park

Project No. *STP-8771-00(002) LPA/106943-701000*

Forrest County

THIS CONTRACT, is made and entered into by and between the *City of Hattiesburg*, a body Politic of the State of Mississippi (the "LPA"), and *Neel-Schaffer, Inc.* (the "CONSULTANT"), a *Mississippi Corporation*, duly registered to do business in the State of Mississippi, whose address for mailing is *704 Hardy Street, Hattiesburg, MS 39401*, effective as of the date of latest execution below.

WITNESSETH:

WHEREAS, the LPA proposes to perform the construction engineering services for *the construction of a pathway from the Train Depot on Newman Street to Chain Park (see attached vicinity map)*, hereinafter called the "PROJECT"; and,

WHEREAS, the LPA desires to engage a qualified and experienced CONSULTANT to perform engineering services in connection with the PROJECT, all of which are hereinafter called the "SERVICES"; and,

WHEREAS, the CONSULTANT has represented to the LPA that it is experienced and qualified to provide those services, and the LPA has relied upon such representation; and,

WHEREAS, the CONSULTANT herein was chosen for their expertise in performing the services in connection with the PROJECT and found satisfactory by the LPA; which is now desirous of entering into a contract; and

WHEREAS, the CONSULTANT herein was chosen through the LPA Consultant Selection Process pursuant to Mississippi Department of Transportation (hereinafter "MDOT") LPA Project Development Manual and pursuant to Federal Highway Administration ("FHWA") regulations, Engineering and Design Related Service Contracts, 23 C.F.R. Part 172 (as amended) and found satisfactory;

NOW, THEREFORE, for and in consideration of the mutual promises and covenants contained herein and for other good and valuable considerations flowing unto the parties, the receipt and sufficiency of which is hereby acknowledged, the LPA and the CONSULTANT do hereby contract and agree as follows:

ARTICLE I. GENERAL RECITALS

CONSULTANT shall, for the agreed fees, furnish all engineering services and materials required to perform the tasks described in the Scope of Work for the proposed transportation project. In so doing, CONSULTANT shall meet the current industry standards (and those MDOT and LPA standards specified in Exhibit 2) as to general format and content and in addition thereto, any special requirements of the LPA.

THE LPA, in support of CONSULTANT will provide the CONSULTANT a Scope of Work shown in "Exhibit 2" hereto and any other data which may be of assistance to CONSULTANT and within the possession and control of the LPA.

Manuals, guides, and specifications applicable to this CONTRACT shall be those approved and/or adopted by MDOT and in effect on the effective date of this CONTRACT, unless otherwise specified in this Contract or subsequently directed by MDOT during the course of the CONTRACT.

ARTICLE II. SCOPE OF WORK

The CONSULTANT shall conduct the SERVICES in accordance with the Scope of Work attached to this CONTRACT as "Exhibit 2" and made a part hereof as if fully set forth herein. The performance of the SERVICES referred to in "Exhibit 2" shall be the primary basis for measurement of performance under this CONTRACT. The LPA specifically reserves the right and privilege to enlarge or reduce the scope; or to cancel this CONTRACT at any time.

ARTICLE III. CONTRACT TERM

This CONTRACT shall commence upon the latest date of execution below and continue until such time as the above named project is successfully completed to the satisfaction of the LPA at which time this CONTRACT shall absolutely and finally terminate.

The construction engineering services of the CONSULTANT under this contract shall start with the **date of FHWA/MDOT concurrence in the award of the construction contract by the LPA**, and be completed within 60 days after the final inspection and acceptance of the construction work performed by others. The services of the CONSULTANT are anticipated to be needed and completed in an expedient manner. It is understood that construction progress of force account work by the LPA and/or contractor's work shall influence the time period for the CONSULTANT's services. Therefore, it is necessary that construction be completed in accordance with the original time limit set forth in the original construction schedule. The estimated fees in the Cost/Fee breakdown are based on the initial construction time estimate as included in the Contract Documents. If the construction time extends beyond the contract time, through no fault of the CONSULTANT, the LPA agrees to pay the CONSULTANT for the construction engineering services to complete the project with or without Federal participation, subject to approval by MDOT and FHWA.

During the term of this CONTRACT, the LPA reserves the right to terminate this CONTRACT, subject to the approval of MDOT, in whole or in part, at any time, with or without cause, upon seven (7) days written notice to the CONSULTANT, notwithstanding any just claims by the CONSULTANT for payment of SERVICES rendered prior to the date of termination. The LPA must receive written approval from the MDOT Executive Director on behalf of the Mississippi Transportation Commission before the LPA can terminate this CONTRACT. The LPA shall be liable only for the costs, fees and expenses for demobilization and close out of contract, based on actual time and expenses incurred by CONSULTANT in the packaging and shipment of all documents covered by this CONTRACT to the LPA. In no event shall the LPA be liable for lost profits or other consequential damages.

ARTICLE IV. TIME OF PERFORMANCE

TIME IS OF THE ESSENCE IN THIS CONTRACT. The CONSULTANT shall be prepared to perform its responsibilities for providing SERVICES commencing on the date of execution of the CONTRACT.

A Notice to Proceed shall be issued under authority from the LPA within 30 days after final execution of this CONTRACT. The CONSULTANT may not begin work on any feature of this PROJECT prior to receiving a Notice to Proceed from the LPA.

ARTICLE V. RELATIONSHIP OF THE PARTIES

The relationship of the CONSULTANT to the LPA is that of an independent contractor, and said CONSULTANT, in accordance with its status as an independent contractor, covenants and agrees that it will

conduct itself consistent with such status, that it will neither hold itself out as, nor claim to be, an officer or employee of the LPA by reason hereof. The CONSULTANT will not by reason hereof, make any claim, demand or application or for any right or privilege applicable to an officer or employee of the LPA, including but not limited to workers' compensation coverage, unemployment insurance benefits, social security coverage, retirement membership or credit, or any form of tax withholding whatsoever.

All notices, communications, and correspondence between the LPA and the CONSULTANT shall be directed to the key personnel and agents designated in this contract.

ARTICLE VI. COMPENSATION, BILLING & AUDIT

A. Cost and Fees

The CONSULTANT shall be paid on the basis set forth in "Exhibit 3" to this CONTRACT. Under no circumstances shall the LPA be liable for any amounts, including any costs, which exceed the maximum dollar amount of compensation that is specified in and set forth in "Exhibit 3".

B. Monthly Billing

The CONSULTANT may submit monthly billing to the LPA. (A sample of a preferred invoice is attached as "Exhibit 4".) Each billing shall include all time and allowable expenses through the end of the billing period. Direct expenses, as used herein, include the costs of travel, subsistence, shipping charges, long distance telephone calls and printing if it is not company accounting policy to include these costs in overhead rates. The LPA retains the right to verify time and expense records by audit of any or all CONSULTANT's time and accounting records at any time during the life of the CONTRACT and up to three years thereafter.

If SERVICES are rendered within a given State fiscal year, an invoice requesting payment from the CONSULTANT shall be presented to the LPA within 60 days of the end of the State fiscal year. **Should the CONSULTANT fail to present the invoice within the allotted time, legislative approval may be required before payment can be rendered.**

The CONSULTANT further agrees that FHWA or any other Federal Agency may audit the same records at any time during the life of the CONTRACT and up to three years thereafter, should the funding source for all or any part of the CONTRACT be funds of the United States of America.

C. Record Retention

The CONSULTANT shall maintain all time and expense records incurred on the PROJECT and used in support of its proposal and shall make such material available at all reasonable times during the period of the CONTRACT and for three years from the date of final payment under this CONTRACT for inspection by the LPA, and copies thereof shall be furnished upon request, at the LPA's expense. The CONSULTANT agrees that the provisions of this Article shall be included in any CONTRACT it may make with any subcontractors, assignees or transferees.

D. Retainage

The LPA shall retain 5% of the CONSULTANT'S invoiced amount until the final payment request has been received and an audit of the total PROJECT cost to date has been completed by the LPA or its designee.

ARTICLE VII. FINAL PAYMENT

The CONSULTANT agrees that acceptance of the final payment shall be in full and final settlement of all claims arising against the LPA for work done, documents furnished, cost incurred, or otherwise arising out of this CONTRACT and shall release the LPA from any and all further claims of whatever nature, whether known or unknown, for and on account of said CONTRACT, including payment for any and all work done, and labor and material furnished in connection with the same. Errors and/or omissions discovered subsequent to the

acceptance by the LPA of the final contract documents shall be corrected by the CONSULTANT without additional compensation.

ARTICLE VIII. REVIEW OF WORK

Authorized representatives of the LPA may at all reasonable times review and inspect the SERVICES under this CONTRACT and any addenda or amendments thereto. Authorized representatives of the FHWA may also review and inspect the SERVICES under this CONTRACT should funds of the United States of America be in any way utilized in payment for said SERVICES. Such inspection shall not make the United States of America a party to this CONTRACT, nor will FHWA interfere with the rights of either party hereunder.

All reports, drawings, studies and maps prepared by and for the CONSULTANT, shall be made available to authorized representatives of the LPA for inspection and review at all reasonable times in the General Offices of the LPA. Authorized representatives of the FHWA may also review and inspect said reports, drawings, studies and maps prepared under the CONTRACT should funds of the United States of America be in any way utilized in payment for the same. Acceptance by the LPA shall not relieve the CONSULTANT of its professional obligation to correct, at its expense, any of its breaches, errors and/or omissions, in the final version of the work.

The CONSULTANT shall be responsible for performance of and compliance with all terms of this CONTRACT, including the Scope of Work and other exhibits attached to this contract, and including any technical specifications and special requirements of the LPA, and shall be responsible for errors and/or omissions, including those as to conduct and care, format and content, for all aspects of the CONTRACT, and including professional quality and technical accuracy of all designs, drawings, specifications, and other services furnished by the CONSULTANT.

Failure to comply with any terms of this CONTRACT shall be corrected by the CONSULTANT without additional compensation.

If any breach of CONTRACT, is discovered by LPA personnel after final acceptance of the work by the LPA, then the CONSULTANT shall, without additional compensation, cure any deficiency or breach including errors and/or omissions in designs, plans, drawings, specifications, or other services.

In the event that the project schedule requires that a breach of this CONTRACT be corrected by someone other than the CONSULTANT then the actual costs incurred by the LPA for such corrections shall be the responsibility of the CONSULTANT. The LPA shall give the CONSULTANT an opportunity to correct said breach unless (1) the LPA determines, in its sole discretion, that the CONSULTANT cannot cure the breach within the schedule established by the LPA, or (2) the LPA determines, in its sole discretion, that the CONSULTANT cannot cure the breach to the satisfaction of the LPA.

In the event that the CONSULTANT breaches this CONTRACT, and the breaches of the CONSULTANT are discovered during the construction phase, then an accounting of all costs incurred by the LPA resulting from such breach, including errors and/or omissions, will be made and such amount will be recovered from the CONSULTANT.

ARTICLE IX. RESPONSIBILITIES FOR CLAIMS AND LIABILITY

The CONSULTANT shall indemnify, defend and hold harmless the LPA and all its officers, agents and employees from any claim, loss, damage, cost, charge or expense arising out of any negligent act, actions, neglect or omission by the CONSULTANT, its agents, employees, or subcontractors during the performance of this CONTRACT, whether direct or indirect, and whether to any person or property for which LPA or said parties may be subject, except that neither the CONSULTANT nor any of his agents or subcontractors will be

liable under this provision for damages arising out of the injury or damage to persons or property solely caused or resulting from the negligence of the LPA or any of its officers, agents or employees.

The CONSULTANT'S obligations under this Article, including the obligations to indemnify, defend, hold harmless, pay reasonable attorney fees or, at the LPA'S option, participate and associate with the LPA in the defense and trial or arbitration of any damage claim, lien or suit and any related settlement negotiations, shall be initiated by the LPA'S notice of claim for indemnification to the CONSULTANT. Only an adjudication or judgment after the highest appeal is exhausted specifically finding the LPA entirely responsible shall excuse performance of this provision by the CONSULTANT. In such case, the LPA shall pay all costs and fees related to this obligation and its enforcement. Should there be a finding of dual or multiple liability, costs and fees shall be apportioned accordingly.

In conjunction herewith, the LPA agrees to notify CONSULTANT in writing as soon as practicable after receipt or notice of any claim involving CONSULTANT. These indemnities shall not be limited by reason of the listing of any insurance coverage below.

ARTICLE X. INSURANCE

Prior to beginning the work, the CONSULTANT shall obtain and furnish certificates to the LPA for the following minimum amounts of insurance:

- A. Workers' Compensation Insurance in accordance with the laws of the State of Mississippi.
- B. Public Liability Insurance in an amount not less than one million dollars (\$1,000,000.00) on account of any one occurrence.
- C. Property Damage Insurance in an amount not less than five hundred thousand dollars (\$500,000.00) from damages on account of any one occurrence, with an aggregate limit of not less than one million dollars (\$1,000,000.00).
- D. Valuable Documents Insurance, whether as a part of the property damage insurance referenced above or as separate insurance, in an amount sufficient to cover all costs associated with repairing, restoring or replacing any documents kept or created by Consultant as a part of the Services, in the event of casualty to, or loss or theft of such documents.
- E. Errors and Omissions Insurance, in an amount not less than one million dollars (\$1,000,000.00) per incident; one million dollars (\$1,000,000.00) aggregate.
- F. Comprehensive Automobile Liability Insurance, with a combined single limit for bodily injury and property damage of not less than one million dollars (\$1,000,000.00) per incident with respect to CONSULTANT's (owned, hired or non-owned) vehicles, assigned to or used in the performance of services.

The LPA shall be listed as a certificate holder of insurance on any of the insurance required under this CONTRACT.

In the event that the CONSULTANT retains any subcontractor or other personnel to perform SERVICES or carry out any activities under or incident to work on any project or phase of this CONTRACT, CONSULTANT agrees to obtain from said subcontractor or other personnel, certificates of insurance demonstrating that said subcontractor or other personnel has sufficient coverage, or to include said subcontractor or other personnel within CONSULTANT's coverage for the duration of said PROJECT or phase for which said subcontractor or other personnel is employed.

The Insurance coverage recited above shall be maintained in full force and effect by CONSULTANT during the life of this CONTRACT. Should CONSULTANT cease to carry the errors and omissions coverage listed above for any reason, it shall obtain "tail" coverage at the same limits for a period of not less than three (3) years subsequent to policy termination or contract termination, whichever is longer. Should CONSULTANT change insurance carriers for errors and /or coverage, it shall obtain a "retroactive coverage" endorsement from its new insurance carrier.

Insurance carriers must be admitted to do business in the State of Mississippi by the Mississippi Insurance Department.

A certificate of insurance acceptable to the LPA shall be issued to the LPA by the CONSULTANT prior to the execution of this CONTRACT by the CONSULTANT and thereafter on an annual basis for the duration of this CONTRACT as evidence that policies providing the required coverage, conditions and limits are in full force and effect. Such certificate shall identify this CONTRACT and contain provisions that coverage afforded under the policies will not be cancelled, terminated, or materially altered until at least thirty (30) days prior written notice has been given to the LPA.

The CONSULTANT will furnish certified copies, upon request, of any or all of the policies and/or endorsements to the LPA prior to the execution of this CONTRACT and thereafter on an annual basis for the duration of this CONTRACT.

The CONSULTANT shall provide the LPA any and all documentation necessary to prove compliance with the insurance requirements of this CONTRACT as such documentation is requested, from time to time, by the LPA.

If the CONSULTANT fails to procure or maintain required insurance, the LPA may immediately elect to terminate this CONTRACT or, at its discretion, procure or renew such insurance and pay any and all premiums in connection therewith, and all monies so paid by the LPA shall be repaid by the CONSULTANT to the LPA upon demand, or the LPA may offset the cost of the premiums against any monies due to the CONSULTANT from the LPA.

ARTICLE XI. COVENANT AGAINST CONTINGENT FEES AND LOBBYING

The CONSULTANT shall comply with the relevant requirements of all federal, state or local laws. The CONSULTANT warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the CONSULTANT, to solicit or secure this CONTRACT, and that it has not paid or agreed to pay any company or person, other than a bona fide employee working solely for the CONSULTANT, any fee commission, percentage, brokerage fee, gifts or any other consideration contingent upon or resulting from the award or making of the CONTRACT. The CONSULTANT warrants that it shall not contribute any money, gift or gratuity of any kind, either directly or indirectly to any employee of the LPA, or to any employee of the Mississippi Department of Transportation. For breach or violation of this warranty, the LPA shall have the right to terminate this CONTRACT without liability, and the CONSULTANT shall forfeit any sums due hereunder at the time of such breach and may be barred from performing any future services for the LPA or participating in any future contracts with the LPA.

ARTICLE XII. EMPLOYMENT OF LPA'S PERSONNEL

The CONSULTANT shall not employ any person or persons in the employ of the LPA for any work required by the terms of this CONTRACT, without the written permission of the LPA, except as may otherwise be provided for herein.

ARTICLE XIII. MODIFICATION

If, prior to the satisfactory completion of the SERVICES under this CONTRACT, the LPA materially alters the scope, character, complexity or duration of the SERVICES from those required under this

CONTRACT, a supplemental agreement may be executed between the parties. Also, a supplemental agreement may be executed between the parties in the event that both parties agree the CONSULTANT's compensation should be increased due to an unanticipated increase in the nature, scope or amount of work necessary to properly provide the SERVICES required on any particular phase or project begun hereunder.

Oral agreements or conversations with the LPA, any individual member of the LPA, officer, agent, or employee of the Mississippi Department of Transportation, either before or after execution of this CONTRACT, shall not affect or modify any of the terms or obligations contained in this CONTRACT. All modifications to this CONTRACT, amendments or addenda thereto must be submitted in writing and signed by the parties thereto before any work is commenced.

The CONSULTANT may not begin work on any modifications, amendments, or addenda prior to receiving a Notice to Proceed.

Minor changes in the proposal which do not involve changes in the compensation, extensions of time or changes in the goals and objectives of the CONTRACT may be made by written notification of such change by either the LPA or the CONSULTANT to the other party, and shall become effective upon written acceptance thereof (i.e. letter agreement).

ARTICLE XIV. SUBLETTING, ASSIGNMENT OR TRANSFER

It is understood by the parties to this CONTRACT that the work of the CONSULTANT is considered personal by the LPA. The CONSULTANT shall not assign, sublet or transfer any or all of its interest in this CONTRACT without prior written approval of the LPA. Under no circumstances will CONSULTANT be allowed to sublet more than 60% of the work required under this contract. It is clearly understood and agreed that specific projects or phases of the work may be sublet in their entirety provided that CONSULTANT performs at least 40% of the overall contract with its own forces. Consent by the LPA to any subcontract shall not relieve CONSULTANT from any of its obligations hereunder, and CONSULTANT is required to maintain final management responsibility with regard to any such subcontract.

The LPA reserves the right to review all subcontract documents prepared in connection with this CONTRACT, and the CONSULTANT agrees that it shall submit to the LPA any proposed subcontract document together with subcontractor cost estimates for review and written concurrence of the LPA in advance of their execution.

The CONSULTANT shall make prompt payment to all subconsultants no later than 15 days from receipt of each payment the LPA makes to the CONSULTANT. Each month, the CONSULTANT shall submit OCR-484-C found on MDOT's website to the LPA along with the Invoice. This form certifies payments to all Subconsultants and shows all firms even if the CONSULTANT has paid no monies to the firm during that estimate period (negative report).

ARTICLE XV. OWNERSHIP OF PRODUCTS AND DOCUMENTS AND WORK MADE FOR HIRE

The CONSULTANT agrees that all reports, computer information and access, drawings, studies, notes, maps and other data, prepared by and for them under the terms of this CONTRACT shall be delivered to, become and remain in the property of the LPA upon creation and shall be delivered to the LPA upon termination or completion of work, or upon request of the LPA regardless of any claim or dispute between the parties. All such data shall be delivered within thirty (30) days of receipt of a written request by the LPA.

The CONSULTANT and the LPA intend and agree that this CONTRACT to be a contract for services and each party considers the products and results of the services to be rendered by the CONSULTANT hereunder, including any and all material produced and/or delivered under this CONTRACT (the "Work"), to be a "work made for hire" under U.S. copyright and all applicable laws. The

CONSULTANT acknowledges and agrees that the LPA owns all right, title, and interest in and to the Work including, without limitation, the copyright thereto and all trademark, patent, and all intellectual property rights thereto.

If for any reason the Work would not be considered a work made for hire under applicable law, or in the event this CONTRACT is determined to be other than a contract or agreement for a work made for hire, the CONSULTANT does hereby transfer and assign to the LPA, and its successors and assigns, the entire right, title, and interest in and to any Work prepared hereunder including, without limitation, the following: the copyright and all trademark, patent, and all intellectual property rights in the Work and any registrations and copyright, and/or all other intellectual property, applications relating thereto and any renewals and extensions thereof; all works based upon, derived from, or incorporating the Work; all income, royalties, damages, claims, and payments now or hereafter due or payable with respect thereto; all causes of action, either in law or in equity, for past, present, or future infringement based on the copyrights and/or all other intellectual property; all rights, including all rights to claim priority, corresponding to the foregoing in the United States and its territorial possessions and in all foreign countries. The CONSULTANT agrees to execute all papers and perform such other proper acts as the LPA may deem necessary to secure for the LPA or its designee the rights herein assigned.

The LPA may, without any notice or obligation of further compensation to the CONSULTANT, publish, re-publish, anthologize, use, disseminate, license, or sell the Work in any format or medium now known or hereafter invented or devised. The LPA'S rights shall include, without limitation, the rights to publish, re-publish, or license a third party to publish, re-publish, or sell the Work in print, on the World Wide Web, or in any other electronic or digital format or database now known or hereafter invented or devised, as a separate isolated work or as part of a compilation or other collective work, including a work different in form from the first publication, and to include or license a third party to include the Work in an electronic or digital database or any other medium or format now known or hereafter invented or devised.

The CONSULTANT shall obtain any and all right, title, and interest to all input and/or material from any third party subconsultant, or any other party, who may provide such input and/or material to any portion of the Work so that said right, title, and interest, and all such interest in and to the Work including, without limitation, the copyright thereto and all trademark, patent, and all intellectual property rights thereto, shall belong to the LPA.

For any intellectual property rights currently owned by third parties or by the CONSULTANT and not subject to the terms of this CONTRACT, the CONSULTANT agrees that it will obtain or grant royalty-free, nonexclusive, irrevocable license(s) for or to the LPA at no cost to the LPA to use all copyrighted or copyrightable work(s) and all other intellectual property which is incorporated in the material furnished under this CONTRACT. Further, the CONSULTANT warrants and represents to the LPA that it has obtained or granted any and all such licensing prior to presentation of any Work to the LPA under this CONTRACT. This obligation of the CONSULTANT does not apply to a situation involving a third party who enters a license agreement directly with the LPA.

The CONSULTANT warrants and represents that it has not previously licensed the Work in whole or in part to any third party and that use of the Work in whole or in part will not violate any rights of any kind or nature whatsoever of any third party. The CONSULTANT agrees to indemnify and hold harmless the LPA, its successors, assigns and assignees, and its respective officers, directors, agents and employees, from and against any and all claims, damages, liabilities, costs and expenses (including reasonable attorneys' fees), arising out of or in any way connected with any breach of any representation or warranty made by CONSULTANT herein.

ARTICLE XVI. PUBLICATION AND PUBLICITY

The CONSULTANT agrees that it shall not for any reason whatsoever communicate to any third party, with the exception of the MDOT and the FHWA, in any manner whatsoever concerning any of its CONTRACT work product, its conduct under the CONTRACT, the results or data gathered or processed under this CONTRACT, which includes, but is not limited to, reports, computer information and access, drawings, studies, notes, maps and other data prepared by and for the CONSULTANT under the terms of this CONTRACT, without prior written approval from the LPA, unless such release or disclosure is required by judicial proceeding. The CONSULTANT agrees that it shall immediately refer any third party who requests such information to the LPA and shall also report to the LPA any such third party inquiry, with the exception of the MDOT and/or the FHWA. This Article shall not apply to information in whatever form that comes into the public domain, nor shall it restrict the CONSULTANT from giving notices required by law or complying with an order to provide information or data when such order is issued by a court, administrative agency or other authority with proper jurisdiction, or if it is reasonably necessary for the CONSULTANT to defend itself from any suit or claim.

IT IS FURTHER AGREED, that all approved releases of information, findings, and recommendations shall include a disclaimer provision and that all published reports shall include that disclaimer on the cover and title page in the following form:

The opinions, findings, and conclusions in this publication are those of the author(s) and not necessarily those of the Local Public Agency, Mississippi Department of Transportation, Mississippi Transportation Commission, the State of Mississippi, or the Federal Highway Administration.

ARTICLE XVII. CONTRACT DISPUTES

This CONTRACT shall be deemed to have been executed in **Forrest County**, Mississippi, and all questions including, but not limited to, questions of interpretation, construction and performance shall be governed by the laws of the State of Mississippi, excluding its conflicts of laws provisions, and any litigation with respect to this CONTRACT shall be brought in a court of competent jurisdiction in **Forrest County**, State of Mississippi. The CONSULTANT expressly agrees that under no circumstances shall the LPA be obligated to or responsible for payment of an attorney's fee for the cost of legal action to or on behalf of the CONSULTANT.

ARTICLE XVIII. COMPLIANCE WITH APPLICABLE LAW

- A. The undersigned certify that to the best of their knowledge and belief, the foregoing is in compliance with all applicable laws.
- B. The CONSULTANT shall observe and comply with all applicable federal, state, and local laws, rules and regulations, policies and procedures, ordinances, and orders and decrees of bodies or tribunals of the United States of America or any agency thereof, the State of Mississippi or any agency thereof, and any local governments or political subdivisions, that are in effect at the time of the execution of this CONTRACT or that may later become effective.
- C. The CONSULTANT shall not discriminate against any employee nor shall any party be subject to discrimination in the performance of this CONTRACT because of race, creed, color, sex, national origin, age or disability.
- D. IT IS FURTHER SPECIFICALLY AGREED that the CONSULTANT shall comply and shall require its subcontractors to comply with the regulations for COMPLIANCE WITH TITLE VI OF THE CIVIL RIGHTS ACT OF 1964, as amended, and all other applicable federal regulations as stated in "Exhibit 5" which is incorporated herein by reference.

- E. It is agreed that the CONSULTANT will comply with the provisions set forth in Department of Transportation, 49 CFR, Section 18, Et Seq., regarding Uniform Administrative Requirements for Grants and Cooperative agreements in its administration of this CONTRACT or any subcontract resulting herefrom.
- F. The CONSULTANT agrees that it will abide by the provisions of 49 CFR Section 26 regarding disadvantaged business enterprises and include the certification made in "Exhibit 5" to this CONTRACT in any and all subcontracts which may result from this CONTRACTS.
- G. The CONSULTANT shall comply and shall require its subconsultants to comply with Code of Federal Regulations CFR 23 Part 634 - Worker Visibility – as stated in "Exhibit 5".
- H. IMMIGRANT STATUS CERTIFICATION. The CONSULTANT represents that it is in compliance with the Immigration Reform and Control Act of 1986 (Public Law 99-603), as amended, in relation to all employees performing work in the State of Mississippi and does not knowingly employ persons in violation of the United States immigration laws. The CONSULTANT further represents that it is registered and participating in the Department of Homeland Security's E-Verify™ employment eligibility verification program, or successor thereto, and will maintain records of compliance with the Mississippi Employment Protection Act including, but not limited to, requiring compliance certification from all subcontractors and vendors who will participate in the performance of this Agreement and maintaining such certifications for inspection if requested. The CONSULTANT acknowledges that violation may result in the following: (a) cancellation of any public contract and ineligibility for any public contract for up to three (3) years, or (b) the loss of any license, permit, certification or other document granted by an agency, department or governmental entity for the right to do business in Mississippi for up to one (1) year, or (c) both. The CONSULTANT also acknowledges liability for any additional costs incurred by the LPA due to such contract cancellation or loss of license or permit. The CONSULTANT is required to provide the certification on Exhibit 9 in this CONTRACT to the LPA verifying that the CONSULTANT and subconsultant(s) are registered and participating in E-Verify prior to execution of this CONTRACT
- I. The covenants herein shall, except as otherwise provided, accrue to the benefit of and be binding upon the successors and assigns of the parties hereto.

ARTICLE XIX. WAIVER

Failure of either party hereto to insist upon strict compliance with any of the terms, covenants, and conditions hereof shall not be deemed a waiver or relinquishment of any similar right or power hereunder at any subsequent time, or of any other provision hereof, nor shall it be construed to be a modification of the terms of this CONTRACT.

ARTICLE XX. SEVERABILITY

If any terms or provisions of this CONTRACT are prohibited by the laws of the State of Mississippi or declared invalid or void by a court of competent jurisdiction, the remainder of this CONTRACT shall not be affected thereby and each term and provision of this CONTRACT shall be valid and enforceable to the fullest extent permitted by law.

ARTICLE XXI. ENTIRE AGREEMENT

This CONTRACT constitutes the entire agreement of the parties with respect to the subject matter contained herein and supersedes and replaces any and all prior negotiations, understandings, and agreements, written or oral, between the parties relating thereto.

ARTICLE XXII. CONFLICT OF INTEREST

The CONSULTANT covenants that no public or private interests exist and none shall be acquired directly or indirectly which would conflict in any manner with the performance of the CONSULTANT'S CONTRACT. The CONSULTANT further covenants that no employee of the CONSULTANT or of any subconsultant(s), regardless of his/her position, is to personally benefit directly or indirectly from the performance of the SERVICES or from any knowledge obtained during the CONSULTANT'S execution of this CONTRACT.

ARTICLE XXIII. AVAILABILITY OF FUNDS

It is expressly understood and agreed that the obligation of the LPA to proceed under this CONTRACT is conditioned upon the availability of funds, the appropriation of funds by the Mississippi Legislature, and the receipt of state and/or federal funds. If, at any time, the funds anticipated for the fulfillment of this CONTRACT are not forthcoming or are insufficient, either through the failure of the federal government to provide funds or of the State of Mississippi to appropriate funds or the discontinuance or material alteration of the program under which funds were provided, or if funds are not otherwise available to the LPA for the performance of this CONTRACT, the LPA shall have the right, upon written notice to the CONSULTANT, to immediately terminate or stop work on this CONTRACT without damage, penalty, cost, or expense to the LPA of any kind whatsoever. The effective date of termination shall be as specified in the notice of termination.

ARTICLE XXIV. STOP WORK ORDER

A. **Order to Stop Work.** The LPA may, by written order to the CONSULTANT at any time, and without notice to any surety, require the CONSULTANT to stop all or any part of the work called for by this CONTRACT. This order shall be for a specified period not exceeding twenty-four (24) months after the order is delivered to the CONSULTANT unless the parties agree to any further period. Any such order shall be identified specifically as a stop work order issued pursuant to this clause. Upon receipt of such an order, the CONSULTANT shall forthwith comply with its terms and take all steps to minimize the occurrence of costs allocable to the work covered by the order during the period of work stoppage. Before the stop work order expires, or within any further period to which the parties shall have agreed, the LPA shall either:

- (1) cancel the stop work order; or
- (2) terminate the work covered by such order according to and as provided in Article III of this CONTRACT.

Prior to the LPA'S taking official action to stop work under this CONTRACT, the Executive Director of MDOT and/or the LPA may notify the CONSULTANT, in writing, of MDOT and/or the LPA's intentions to ask the CONSULTANT to stop work under this CONTRACT. Upon notice from the Executive Director of MDOT and/or the LPA, the CONSULTANT shall suspend all activities under this CONTRACT, pending final action by the LPA.

B. **Cancellation or Expiration of the Order.** If a stop work order issued under this clause is canceled at any time during the period specified in the order, or if the period of the order or any extension thereof expires, the CONSULTANT shall have the right to resume work. If the LPA decides that it is justified, an appropriate adjustment may be made in the delivery schedule. If the stop work order results in an increase in the time required for or in the CONSULTANT'S cost properly allocable to the performance of any part of this CONTRACT and the CONSULTANT asserts a claim for such an adjustment within 30 days after the end of the period of work stoppage, an equitable adjustment in this CONTRACT may be made by written modification of this CONTRACT as provided by the terms of this CONTRACT.

- C. **Termination of Stopped Work.** If a stop work order is not canceled and the work covered by such order is terminated, the CONSULTANT may be paid for services rendered prior to the Termination. In addition to payment for services rendered prior to the date of termination, the LPA shall be liable only for the costs, fees, and expenses for demobilization and close out of this CONTRACT, based on actual time and expenses incurred by the CONSULTANT in the packaging and shipment of all documents covered by this CONTRACT to the LPA. In no event shall the LPA be liable for lost profits or other consequential damages.

ARTICLE XXV. KEY PERSONNEL & DESIGNATED AGENTS

CONSULTANT agrees that Key Personnel identified as assigned to this PROJECT shall not be changed or reassigned without prior approval of the LPA or, if prior approval is impossible, and then notice to the LPA and subsequent review by the LPA which may approve or disapprove the action. For purposes of implementing this section and all other sections of this CONTRACT with regard to notice, the following individuals are herewith designated as agents for the respective parties unless otherwise identified in the addenda hereto:

LPA:

For Contractual Matters:

Mayor Toby Barker

City of Hattiesburg

200 Forrest Street

Hattiesburg, MS 39401

Phone: 601-545-4501

Fax: 601-545-4642

mayor@hattiesburgms.com

For Technical Matters:

Lamar Rutland, P.E.

City of Hattiesburg

200 Forrest Street

Hattiesburg, MS 39401

Phone: 601-545-4540

Fax: 601-545-4645

lrutland@hattiesburgms.com

CONSULTANT:

For Contractual Matters:

Mike Essary, P.E.

Neel-Schaffer, Inc.

704 Hardy Street

Hattiesburg, MS 39401

Phone: 601-545-1565

Fax: 601-545-2267

Michael.essary@neel-schaffer.com

For Technical Matters:

Geoffrey Crosby, P.E.

Neel-Schaffer, Inc.

704 Hardy Street

Hattiesburg, MS 39401

Phone: 601-545-1565

Fax: 601-545-2267

Geoffrey.crosby@neel-schaffer.com

Licensure Number

from the Mississippi

Board of Licensure

for Professional

Engineers/Architects and Surveyors:

Licensure Number

from the Mississippi

Board of Licensure

for Professional

Engineers/Architect's and Surveyors:

P.E. #11856 _____

Surveyor # _____

P.E.#19984 _____

Surveyor # _____

ARTICLE XXVI. AUTHORIZATION

Both parties hereto represent that they have authority to enter into this CONTRACT and that the individuals executing this CONTRACT are authorized to execute it and bind their respective parties and certified copies of the applicable LPA Order and the Resolution of the Corporate Board of Directors of the CONSULTANT are attached hereto as "Exhibit 1" and incorporated herein by reference and made a part hereof as if fully copied herein in words and figures.

WITNESS this my signature in execution hereof, this the 22nd day of Aug., 20 17.

City of Hattiesburg



Toby Barker

Mayor

WITNESS this my signature in execution hereof, this the 15 day of July, 20 15.

Neel-Schaffer, Inc.

BY: _____

Michael W. Essary

ATTEST: _____

(for CONSULTANT)

Exhibits attached hereto and incorporated by reference into this contract include those identified on the attached page entitled "List of Exhibits".

LIST OF EXHIBITS

1. Evidence of Authority
2. Scope of Work
3. Fees and Expenses.
4. Sample Invoice
5. Notice to the CONSULTANT
6. CONSULTANT's Certification Regarding Debarment, Suspension and Other Responsibility Matters.
7. Certification of LPA
8. *{This Exhibit was intentionally left blank}*
9. Prime Consultant EEV Certification and Agreement

EXHIBIT 1

{{{ {Attach a copy of authority to execute contracts on behalf of the LPA} }}}}

Leave this page in as is and LPA resolution will be substituted for this page by the LPA.

CORPORATE RESOLUTION

I, J. Clark Robinson, hereby certify that I am the duly and qualified Corporate Secretary of Neel-Schaffer, Inc., a Mississippi Corporation; that the following is a true and correct copy of a resolution duly adopted by the Executive Committee of the Senior Management Team of said corporation at a Special Meeting of the Executive Committee convened and held in said accordance with the bylaws on the 27th day of March 2014 and that said resolution is now in full force and effect:

RESOLVED, that Neel-Schaffer, Inc. is desirous of entering into engineering services agreements, work assignments, and change orders with the Mississippi Transportation Commission and LPA's within the State of Mississippi.

WHEREAS, such contract documents require the signature of a company officer or official empowered to bind the consultant to the provisions of the agreements, work assignments and change orders.

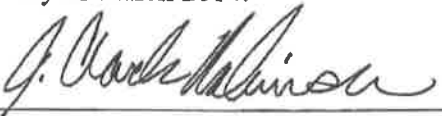
WHEREAS, Neel-Schaffer has several employees who are responsible for the preparation and management engineering services agreements, work assignments and change orders with the Mississippi Transportation Commission and LPA's within the State of Mississippi.

NOW, THEREFORE, BE IT RESOLVED, that:

Robert R. Walker – Area Manager and Senior Vice President
Mark G. Bailey – Senior Engineer Manager and Vice President
Cindy Rich – Engineer Manager and Vice President
Keith Purvis – Engineer Manager and Vice President
Kevin Stafford – Engineer Manager and Vice President
Steve Twedt – Area Manager and Vice President
Mike Essary – Sr. Engineer Manager and Vice President
Vincent Malavasi – Engineer Manager and Vice President

are hereby authorized and empowered to sign all engineering services agreements, work assignments and change orders with the Mississippi Transportation Commission.

IN WITNESS WHEREOF, I have affixed my name as Secretary of said corporation this 27th day of March 2014.



J. Clark Robinson
Secretary



Witness

(CORPORATE SEAL)



EXHIBIT 2

Scope of Work

INTRODUCTION

The CONSULTANT will be providing the Construction Engineering & Inspection (CE&I) services to administer this construction contract in accordance with the latest version of the Mississippi Department of transportation (MDOT) LPA Project Development Manual (PDM). The CONSULTANT is required to adhere to the MDOT standards for this project which include the Standard Specifications, Construction, MDOT Materials Division Inspection, Testing, and Certification Manual, MDOT Construction Manual, LPA PDM, and all other documents that are referred to in the Project Construction Contract. The CONSULTANT will be required to use the LPA version of Site Manager software. Should there be a conflict between the LPA PDM and this scope of work, the LPA PDM shall govern.

ENGINEERING ADMINISTRATION:

The **engineering** administration of construction will be the responsibility of the LPA acting through the CONSULTANT, and will be subject to inspection and approval of the Chief Engineer of the MISSISSIPPI D.O.T., (hereinafter designated as the MDOT), and of the Federal Highway Administration (FHWA) or their representatives.

CONSTRUCTION ENGINEERING SERVICES:

Construction **engineering** services shall consist of all **engineering** work, respectively, involved from the contract stage, beginning the date of FHWA/MDOT concurrence in award of the construction contract, through the preparation and submission of the final estimate and supporting documents to the MDOT, and shall include the following:

A. All materials to be used in the construction of this project shall be tested and certified by the CONSULTANT as meeting the requirements of the approved plans and specifications in accordance with Federal Aid Policy Guide (FAPG) 23CFR637B, Construction Inspection and Approval.

B. The CONSULTANT shall promptly prepare, verify and recommend payment of all eligible Contractor's estimates: he shall maintain a project daily diary as the official project record for each project, showing the Contractor's daily operation; and the **Engineer's** daily activities by names, function performed and hours worked. He shall check and verify the quantities of all materials incorporated in the project; and shall make prompt preparation and submission of the final estimate and supporting documents to the LPA for approval and payment. He shall likewise make such records available at all reasonable times during the contract period. These records, documents, and data shall be available for inspection by the LPA, MDOT, and the Federal Highway Administration and any other authorized representative of the Federal Government, and copies thereof shall be furnished if requested.

C. **Subsurface Conditions and Utilities.** LPA recognizes that a comprehensive sampling and testing program implemented by trained and experienced personnel of CONSULTANT or CONSULTANT's subconsultants with appropriate equipment may fail to detect certain hidden conditions. LPA also recognizes that actual environmental,

geological and geotechnical conditions that CONSULTANT properly inferred to exist between sampling points may differ significantly from those that actually exist.

CONSULTANT will locate utilities which will affect the project from information provided by the LPA and utility companies and from CONSULTANT's surveys. In that these utility locations are based, at least in part, on information from others, CONSULTANT cannot and does not warrant their completeness and accuracy.

D. The duties, responsibilities, and limitations of authority of the resident Project **Engineer** are listed in this scope of work.

A LISTING OF THE DUTIES, RESPONSIBILITIES AND LIMITATIONS OF AUTHORITY OF THE RESIDENT PROJECT *ENGINEER*.

The CONSULTANT shall furnish a resident Project **Engineer**, assistants and other field staff to inspect performance of the Work of the CONTRACTOR. Through more extensive on-site inspections of the Work in progress and field checks of materials and equipment by the resident Project **Engineer** and assistants, the CONSULTANT shall endeavor to provide further protection for the LPA against defects and deficiencies in the Work; but, the furnishing of such services will not make the CONSULTANT responsible for or guarantee the CONTRACTOR'S performance. The duties and responsibilities of the resident Project **Engineer** are limited to this agreement with the LPA and in the construction Contract Documents, and are further limited and described as follows:

I. General:

The resident Project **Engineer's** dealings in matters pertaining to the on-site work shall in general be with the CONTRACTOR, keeping the LPA advised as necessary. The resident Project **Engineer** dealings with subcontractors shall only be through or with the full knowledge and approval of the CONTRACTOR. The resident Project **Engineer** shall generally communicate with the LPA.

II. Duties and Responsibilities of the resident Project **Engineer**.

A. Schedules:

Review progress schedule of Shop Drawing submittals and schedule of values prepared by the CONTRACTOR and consult with the LPA concerning acceptability.

B. Conferences and Meetings:

Attend meetings with the CONTRACTOR, such as preconstruction conferences, progress meetings, job conferences and other project-related meetings, and prepare and circulate copies of minutes thereof.

C. Liaison:

- a. Work principally through the CONTRACTOR'S superintendent and assist in understanding the intent of the Contract Documents; and serve as the LPA'S

liaison with the CONTRACTOR when the CONTRACTOR's operations affect the LPA's on-site operations.

- b. Assist in obtaining from the LPA additional details or information, when required for Proper execution of the Work.

D. Shop Drawings and Samples:

- a. Record the date of receipt of Shop Drawings and samples.
- b. Take samples and receive samples which are furnished at the site by the CONTRACTOR, and notify the LPA of availability of samples for examination.
- c. Advise the LPA and the CONTRACTOR of the commencement of any Work requiring a Shop Drawing or sample if the submittal has not been approved by the CONSULTANT.

E. Review of Work, Rejection of Defective Work, Inspections and Tests:

- a. Conduct on-site observations of the Work in progress to determine if the Work is in general proceeding in accordance with the Contract Documents.
- b. Report to the LPA any Work that is believed to be unsatisfactory, faulty or defective or does not conform to the Contract Documents, or has been damaged, or does not meet the requirements of any inspection, test or approval required to be made; and advise the LPA of Work that should be corrected or rejected or should be uncovered for observation, or requires special testing, inspection or approval.
- c. Verify that tests, equipment and systems startups and operating and maintenance training are conducted in the presence of appropriate personnel, and that the CONTRACTOR maintains adequate records thereof-, and observe, record and report to the LPA appropriate details relative to the test procedures and startups.
- d. Accompany visiting inspectors representing the public or other agencies having jurisdiction over the Project, record the results of these inspections and report to the LPA.

F. Interpretation of Contract Documents:

Report to the LPA when clarifications and interpretation of the Contract Documents are needed and transmit to the CONTRACTOR clarifications and interpretations as issued by the LPA.

G. Modifications:

Consider and evaluate the CONTRACTOR'S suggestions for modifications in Drawings or Specifications and report to the LPA. Transmit to the CONTRACTOR decisions as issued by the LPA.

H. Records:

- a. Maintain at the job site orderly files for correspondence, reports of job conferences, Shop Drawings and samples, reproductions of original Contract

Documents including all Work Directive Changes, Addenda, Change Orders, Field Orders, additional Drawings issued subsequent to the execution of the Contract, clarification and interpretations of the Contract Documents, progress reports, and other Project related documents.

- b. Keep a diary signed daily, recording the CONTRACTOR hours on the job site, weather conditions, data relative to questions of Work Directive Changes, Change Orders or changed conditions, list of job site visitors, daily activities of the prime contractors and all subcontractors, decisions, observations in general, and specific observations in more detail as in the case of observing test procedures; and send copies to the LPA.
- c. Record names, addresses and telephone numbers of all CONTRACTORS, subcontractors and major suppliers of materials and equipment.

I. Reports:

- a. Furnish the LPA periodic reports as required of progress of the Work and of the CONTRACTOR'S compliance with the progress schedule and schedule of Shop Drawing and sample submittals.
- b. Consult with the LPA in advance of scheduled major tests, inspections or start of important phases of the Work.
- c. Draft proposed Supplemental Agreements, Quantity Adjustments and Work Directive Changes, obtaining backup material from the CONTRACTOR; and recommend Supplemental Agreements, Quantity Adjustments, Work Directive Changes, and Field Orders to the LPA.
- d. Report immediately to the LPA upon the occurrence of any accident.

J. Payment Requests:

- a. Review applications for payment with the CONTRACTOR for compliance with the established procedure for their submission and forward to the LPA, noting particularly the relationship of the payment requested to the schedule of values and Work completed and materials and equipment delivered to the site but not incorporated in the Work.

K. Certificates, Maintenance and Operation Manuals:

During the course of the Work verify that certificates, maintenance and operations manuals and other data required to be assembled and furnished by the CONTRACTOR are applicable to the items actually installed and in accordance with the Contract Documents, and have this material delivered to the LPA prior to final payment for the Work.

L. Completion:

- a. Before issuing a Certificate of Substantial Completion, submit a list of observed items requiring completion or correction to the Contractor.
- b. Conduct a final inspection in the company of the LPA, the CONTRACTOR, the MDOT, & FHWA, and prepare a final list of items to be completed or corrected.

- c. Observe that all items on the final list have been completed or corrected and make recommendations to the LPA concerning acceptance.

III. Limitations of Authority

The resident Project *Engineer*.

- A. Shall not authorize any deviation from the Contract Documents or substitution of materials or equipment, unless authorized by the LPA.
- B. Shall not exceed the limitations of the LPA'S authority as set forth in the Contract Documents.
- C. Shall not undertake any of the responsibilities of the CONTRACTOR, subcontractors or the CONTRACTOR's superintendent.
- D. Shall not advise on, issue directions relative to, or assume control over any aspect of the means, method, techniques, sequences or procedures of construction unless such advice or directions are specifically required by the Contract Documents.
- E. Shall not accept Shop Drawings or sample submittals from anyone other than the Contractor.
- F. Shall not authorize the LPA to occupy the Project in whole or in part.
- G. Shall not participate in specialized field or laboratory tests or inspections conducted by others except as specifically authorized by LPA.

EXHIBIT 3

FEES AND EXPENSES

The LPA shall pay the CONSULTANT on a Labor-Hour/Unit Cost Basis, with an upset limit of **\$83,770.94** for the satisfactory completion of the Scope of Work set forth under "Exhibit 2", hereto, for all salaries, overhead, direct costs and the CONSULTANT'S fixed fees attributable to this CONTRACT.

All charges for services must be substantiated by supporting data, i.e. certified time sheets, daily logs, check stubs, pay vouchers, or other items as deemed necessary.

Payroll Additive & Overhead:

The current overhead rates shall be submitted by the CONSULTANT and approved by the MDOT within nine (9) months of the end of the CONSULTANT's fiscal period. The current overhead rate, as defined in this CONTRACT, shall be the overhead rate for the CONSULTANT's most recent previous fiscal period. The CONSULTANT's failure to provide a current overhead rate within nine (9) months of the end of the CONSULTANT's fiscal period may result in the CONSULTANT being deemed ineligible for any potential Supplemental Agreements with the LPA. The estimated FCCM for cost proposals, Supplemental Agreements, and invoices must be specially identified and distinguished from the other costs. Profit/Fee shall not include amounts applicable to FCCM.

All overhead rates submitted to MDOT for approval shall comply with the AASHTO Audit Guide, latest edition, as amended. In addition, the CONSULTANT shall submit written certification in accordance with FHWA Order 4470.1A, as amended, that the indirect cost rate submitted does not include any costs which are expressly unallowable and the indirect cost rate was established only with allowable costs in accordance with the applicable cost principles contained in the Federal Acquisition Regulations (FAR) of 48 CFR part 31.

Direct Costs:

Direct Costs are those expenses deemed reasonably necessary by the LPA for the successful completion of the Scope of Work, which are charged directly to the project and not included in overhead. These direct expenses, as used herein, include the costs of travel, subsistence, shipping charges, long distance telephone calls and printing if it is not company accounting policy to include these costs in overhead rates. The LPA will reimburse the CONSULTANT'S actual documented expenses; or the amount allowable under the current edition of the MDOT State Travel Handbook, whichever is lower. Except as otherwise specifically provided herein, the procedures generally outlined in the MDOT State Travel Handbook shall govern the allowability of any expense reimbursement. (e.g. no meal reimbursement when there is no overnight stay).

Labor Hour / Unit-cost Rates:

Labor Hour as the term is used herein shall include all direct salaries, audited overhead rate (as approved by MDOT), and profit. The audited overhead rate shall consist of fringe benefits and the general overhead. Unit-costs, as the term is used herein shall include all direct costs, profit, and any other associated costs for the project. Labor Hour / Unit-Costs are not subject to any adjustments on the basis of the CONSULTANT's cost experience in performing the PROJECT. The Labor Hour / Unit-costs shall not exceed the rates established in EXHIBIT 3 (found in Table 1: Rate Schedule for Labor Hours). Once the LPA has approved and accepted the work of the CONSULTANT, the LPA will pay the CONSULTANT any unpaid amounts of the PROJECT.

Table 1: Rate Schedule for Labor Hours

PERSONAL NAME	LABOR CLASSIFICATION	Rate
Mike Essary, P.E.	Engineer Manager	\$179.19
Geoffrey Crosby, P.E.	Project Manager	\$109.90
	Engineer Technician	\$84.04
	Inspector IV	\$61.50
	Administrative Assistant	\$70.48
	Engineer Intern	\$71.67

SCHEDULE OF MAXIMUM RATES, EXPENSES & FEES:

Contract Maximums:

Under no circumstances shall the amount payable by the LPA for this CONTRACT exceed \$83,770.94 (Total of all Charges) without the prior written consent of both parties

Fee and Expense Summary

Labor Cost	Direct Cost	SubConsultant	Total
\$69,629.76	\$276.00	\$13,865.18	\$83,770.94

EXHIBIT 4

SAMPLE INVOICE
[Labor-Hour/Unit Cost]

LPA's name
LPA's address

DATE:

ATTENTION: LPA, Consultant Services Administrator

INVOICE NO. 0000
PERIOD , 20 THROUGH , 20
PROFESSIONAL SERVICES IN ACCORDANCE WITH
CONTRACT DATED , 20 , AS RELATES TO
PROJECT NO. - - - - - - IN COUNTY, HIGHWAY .

CONSULTANT:

CUSTOMER NUMBER 0000000000

FILE NO. 000-000000

	<u>CURRENT</u> <u>PERIOD</u>	<u>PREVIOUS</u> <u>ESTIMATE</u>	<u>TOTAL ALLOWED</u> <u>TO DATE</u>
* LABOR COSTS	\$	\$	\$
** DIRECT COSTS	\$	\$	\$
PROJECT TOTAL	\$	\$	\$

AMOUNT DUE THIS INVOICE: \$

NOTE:

1. * ATTACH SUPPORTING DATA
2. ** DIRECT COSTS (ATTACH SUPPORTING DATA)
3. THE CONSULTANT MAY USE ITS OWN INVOICE FORM SO LONG AS IT HAS BEEN APPROVED. PRIOR TO SUBMISSION BY THE CONSULTANT SAID FORM SHOULD, AT A MINIMUM, CONTAIN THE ABOVE INFORMATION

SUPPORTING DATA

Project No. 00-0000-00-000-00
County _____

<u>Employee and Classification</u>	<u>Rate of Pay (in contract)</u>	<u>Current Period Hours</u>	<u>Previous Period Costs</u>	<u>Costs To Date</u>
DIRECT LABOR AND DIRECT COSTS				
John P. Public, Jr Engineer	0.00	0.00	0.00	0.00
John P. Public, Jr Designer	0.00	0.00	0.00	0.00
John P. Public, Jr Engineer	0.00	0.00	0.00	0.00
John P. Public, Jr Technician	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Sub Total		0.00	0.00	0.00
Total Labor			0.00	0.00
Direct Costs			<u>0.00</u>	<u>0.00</u>
Project Total			0.00	0.00

EXHIBIT 5

NOTICE TO CONTRACTORS, FEDERAL-AID CONTRACT COMPLIANCE WITH TITLE VI OF THE CIVIL RIGHTS ACT OF 1964 COPELAND ANTI-KICKBACK ACT, DAVIS BACON ACT CONTRACT WORK HOURS AND SAFETY STANDARDS ACT CLEAN AIR ACT, ENERGY POLICY AND CONSERVATION ACT DISADVANTAGED BUSINESS ENTERPRISES, WORKER VISIBILITY

During the performance of this CONTRACT, the CONSULTANT, for itself, its assignees and successor-in-interest (hereinafter referred to as the "CONSULTANT") agrees as follows:

1. Compliance with Regulations: The CONSULTANT will comply with the Regulations of the Department of Transportation relative to nondiscrimination in Federally-assisted programs of the Department of Transportation (Title 49, Code of Federal Regulations, Part 21, hereinafter referred to as the "Regulations"), which are herein incorporated by reference and made a part of this CONTRACT.

2. Nondiscrimination: The CONSULTANT, with regard to the work performed by it after award and prior to completion of the contract work, will not discriminate on the grounds of race, religion, color, sex, national origin, age or disability in the selection and retention of subcontractors including procurement of materials and leases of equipment. The CONSULTANT will not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the CONTRACT covers a program set forth in Appendix B of the Regulations. In addition, the CONSULTANT will not participate either directly or indirectly in discrimination prohibited by 23 C.F.R. 710.405(b).

3. Solicitations for Subcontracts Including Procurement of Materials and Equipment: In all Solicitations, either by competitive bidding or negotiation made by the CONSULTANT for work to be performed under a subcontract, including procurement of materials or equipment, each potential subcontractor or supplier shall be notified by the CONSULTANT of the CONSULTANT's obligations under this CONTRACT and the Regulations relative to nondiscrimination on the grounds of race, religion, color, sex, national origin, age or disability.

4. Anti-kickback provisions: All contracts and subcontracts for construction or repair shall include a provision for compliance with the Copeland "Anti-Kick Back" Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR, Part 3). This Act provides that each contractor or subcontractor shall be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he is otherwise entitled. The CONSULTANT shall report all suspected or reported violations to the LPA.

5. Davis Bacon Act: When required by the federal grant program legislation, all construction contracts awarded to contractors and subcontractors in excess of \$2,000 shall include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 276a to a-7) and as supplemented by Department of Labor regulations (29 CFR, Part 5). Under this Act, contractors shall be required to pay wages to laborers and mechanics at a rate not less than the minimum wages specified in a wage determination made by the Secretary of Labor. In addition, contractors shall be required to pay wages specified in a wage determination made by the Secretary of Labor. In addition, contractors shall be required to pay wages specified in a wage determination made by the Secretary of Labor. In addition, contractors shall be required to pay wages not less often than once a week.

6. Contract Work Hours and Safety Standards Act: Where applicable, all contracts awarded by or to contractors and subcontractors in excess of \$100,000 which involve the employment of mechanics or laborers shall include a provision for compliance with sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330) as supplemented by Department of Labor Regulations (29 CFR, Part 5). Under section 103 of the Act, each contractor shall be required to compute the wages of every mechanic and

laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than 1 1/2 times the basic rate of pay for all hours worked in excess of 40 hours in the work week. Section 107 of the Act is applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to his health and safety as determined under construction, safety, and health standards promulgated by the Secretary of Labor. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

7. Clean Air Act: Compliance with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857 (h)), Section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR Part 15) (Contracts and subcontracts in amounts in excess of \$100,000).

8. Energy Policy and Conservation Act: Mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163).

9. Disadvantaged Business Enterprises: It is the policy of the Mississippi Department of Transportation to comply with the requirements of 49 C.F.R. 26, to prohibit unlawful discrimination, to meet its goal for DBE participation, to meet that goal whenever possible by race-neutral means, to create a level playing field, and to achieve that amount of DBE participation that would be obtained in a non-discriminatory market place. To meet that objective in any United States Department of Transportation assisted contracts, the LPA and the CONSULTANT shall comply with the "Mississippi Department of Transportation's Disadvantaged Business Enterprise Programs For United States Department Of Transportation Assisted Contracts".

Neither the CONSULTANT (Contractor), nor any sub-recipient or sub-contractor shall discriminate on the bases of race, color, national origin, or sex in the performance of this contract. The CONSULTANT (Contractor) shall carry out applicable requirements of 49 C.F.R. 26 in the award and administration of United States Department of Transportation assisted contracts. Failure of the CONSULTANT (Contractor) to carry out those requirements is a material breach of the contract which may result in the termination of this contract or such other remedies as the Mississippi Department of Transportation deems appropriate.

10. Worker Visibility: All workers within the right-of-way of a Federal-aid highway who are exposed either to traffic (vehicles using the highway for the purposes of travel) or to construction equipment within the work area shall wear high-visibility safety apparel – personal protective safety clothing that is intended to provide conspicuity during both daytime and nighttime usage, and that meets the Performance Class 2 or 3 requirements of the ANSI/ISEA 107-2004 publication entitled "American National Standard for High-Visibility Safety Apparel and Headwear" – for compliance with 23 CFR, Part 634.

EXHIBIT 6

CERTIFICATION REGARDING DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS

CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS - Certification in accordance with Section 29.510 Appendix A, C.F.R./Vol. 53, No. 102, page 19210 and 19211:

- (1) The CONSULTANT certifies to the best of its knowledge and belief that it and its principals:
 - (a) are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any federal department or agency;
 - (b) have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (federal, state or local) transaction or contract under a public transaction, violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (federal, state or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification: and
 - (d) have not within a three-year period preceding this application/proposal had one or more public transactions (federal, state or local) terminated for cause or default;
 - (e) has not either directly or indirectly entered into any agreement participated in any collusion; or otherwise taken any action in restraint of free competitive negotiation in connection with this CONTRACT.
- (2) The CONSULTANT further certifies, to the best of his/her knowledge and belief, that:
 - (f) No federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a member of Congress, an officer or employee of Congress, or employee of a member of Congress in connection with the awarding of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
 - (g) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of Congress, or any employee of a member of Congress in connection with this CONTRACT, Standard Form-IJJ, "Disclosure Form to Report Lobbying", in accordance with its instructions will be completed and submitted.

The certification contained in (1) and (2) above is a material representation of fact upon which reliance is placed and a pre-requisite imposed by Section 1352, Title 31, U. S. Code prior to entering into this CONTRACT. Failure to comply shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000. The CONSULTANT shall include the language of the certification in all subcontracts exceeding \$100,000 and all sub-contractors shall certify and disclose accordingly.

I hereby certify that I am the duly authorized representative of the CONSULTANT for purposes of making this certification, and that neither I, nor any principal, officer, shareholder or employee of the above firm has:

(a) employed or retained for commission, percentages, brokerage, contingent fee, or other consideration, any firm or person (other than a bona fide employee working solely for me or the above consultant) to solicit or secure this agreement,

(b) agreed, as an express or implied condition for obtaining this CONTRACT, to employ or retain the services of any firm or person in connection with carrying out the agreement, or

(c) paid, or agreed to pay, to any firm, organization or person (other than a bona fide employee working solely for me or the above consultant) any fee, contribution, donation, or consideration of any kind for, or in connection with, procuring or carrying out the agreement; except as herein expressly stated (if any).

I acknowledge that this Agreement may be furnished to the Federal Highway Administration, United States Department of Transportation, in connection with the Agreement involving participation of Federal-Aid Highway funds, and is subject to applicable state and federal laws, both criminal and civil.

SO CERTIFIED this 15 day of July, 20 15.

Neel-Schaffer, Inc.

BY:

Michael W. Essary
Michael W. Essary

ATTEST:

Geoffrey Crake
My Commission Expires:

Janice Hobler
Notary

EXHIBIT 7

CERTIFICATION OF THE LPA

I hereby certify that I am the Chief Administrative Official, duly authorized by the LPA to execute this certification and that the above consulting firm or its representative has not been required, directly or indirectly, as an express or implied condition in connection with obtaining or carrying out this agreement to:

- (a) employ or retain, or agree to employ or retain, firm or person, or
- (b) pay, or agree to pay, to any firm, person organization, any fee, contribution, donation, or consideration of any kind except as here expressly stated (if any).

SO CERTIFIED on the 22nd day of August, 2017

LPA City of Hattiesburg
Name of LPA


Toby Barker Mayor

EXHIBIT 8

{Intentionally Left Blank}

EXHIBIT 9

PRIME CONSULTANT / CONTRACTOR EEV CERTIFICATION AND AGREEMENT

By executing this Certification and Agreement, the undersigned verifies its compliance with the, "Mississippi Employment Protection Act," Section 71-11-3 of the Mississippi Code of 1972, as amended, and any rules or regulations promulgated by the LPA, Mississippi Transportation Commission [MTC], Department of Employment Security, State Tax Commission, Secretary of State, Department of Human Services in accordance with the Mississippi Administrative Procedures Law (Section 25-43-1 et seq., Mississippi Code of 1972, as amended), stating affirmatively that the individual, firm, or corporation which is contracting with the LPA has registered with and is participating in a federal work authorization program* operated by the United States Department of Homeland Security to electronically verify information of newly hired employees pursuant to the Immigration Reform and Control Act of 1986, Pub.L. 99-603,100 Stat 3359, as amended. The undersigned agrees to inform the LPA if the undersigned is no longer registered or participating in the program.

The undersigned agrees that, should it employ or contract with any entity(s) in connection with the performance of this CONTRACT, the undersigned will secure from such entity(s) verification of compliance with the Mississippi Employment Protection Act. The undersigned further agrees to maintain records of such compliance and provide a copy of each such verification to the LPA, if requested, for the benefit of the LPA or this CONTRACT.

128686

EEV* Company Identification Number [Required]

The undersigned certifies that the above information is complete, true and correct to the best of my knowledge and belief. The undersigned acknowledges that any violation may be subject to the cancellation of the contract, ineligibility for any state or public contract for up to three (3) years, the loss of any license, permit, certificate or other document granted by any agency, department or government entity for the right to do business in Mississippi for up to one (1) year, or both, any and all additional costs incurred because of the contract cancellation or the loss of any license or permit, and may be subject to additional felony prosecution for knowingly or recklessly accepting employment for compensation from an unauthorized alien as defined by 8 U.S.C §1324a(h)(3), said action punishable by imprisonment for not less than one (1) year nor more than five (5) years, a fine of not less than One Thousand Dollars (\$1,000.00) nor more than Ten Thousand Dollars (\$10,000.00), or both, in addition to such prosecution and penalties as provided by Federal law.

BY:

Michael W. Essary
Authorized Officer or Agent

7-15-15
Date

Michael W. Essary

Printed Name of Authorized Officer or Agent

Vice-President/Neel-Schaffer, Inc.

Title of Authorized Officer or Agent of Contractor / Consultant

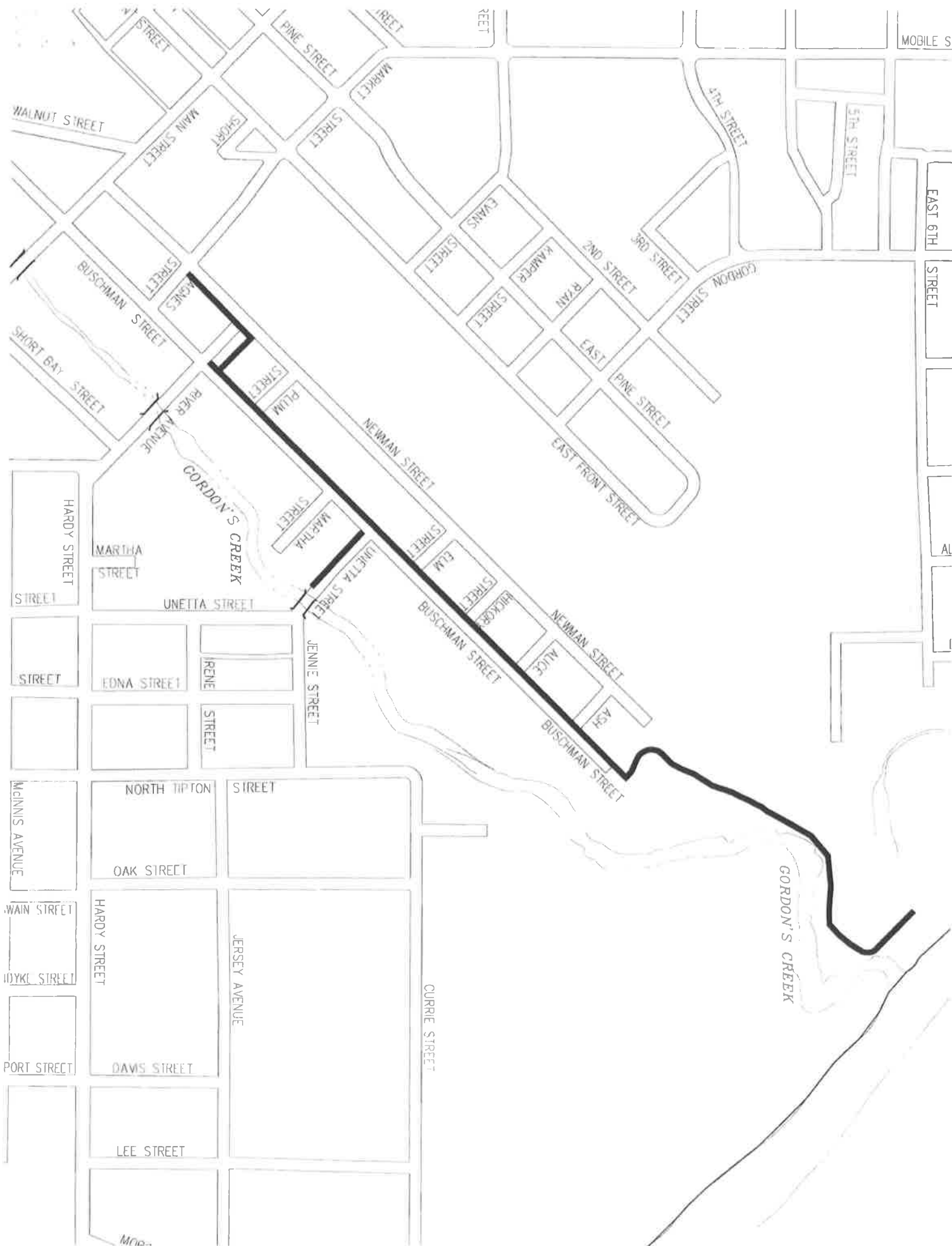
SWORN TO AND SUBSCRIBED before me on this the 15 day of July, 2015.

Jennifer R. Hobbs
NOTARY PUBLIC

My Commission Expires: _____

* As of the effective date of the Mississippi Employment Protection Act, the applicable federal work authorization program is E-Verify™ operated by the U. S. Citizenship and Immigration Services of the U.S. Department of Homeland Security, in conjunction with the Social Security Administration.





FEE PROPOSAL

CONSTRUCTION ENGINEERING & INSPECTION

Pathway Improvements from Train Depot to Chain Park

Prepared for:

Mississippi Department of Transportation

Project Number:

STP-8771-00(002)LPA / 106943-701000

City of Hattiesburg, MS

Prepared by: Neel-Schaffer, Inc.

Date Submitted:

April 30, 2015

Date Revised:

Cost Summary

Pathway Improvements from Train Depot to Chain Park

Construction Engineering & Inspection Services

Neel-Schaffer, Inc.

Labor Costs

CE&I Services	\$	69,629.76
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Direct Costs

CE&I Services	\$	276.00
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Subtotal	Neel-Schaffer, Inc.
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\$	69,905.76
----	-----------

Soiltech

Labor Costs

CE&I Services	\$	10,649.18
---------------	----	-----------

Direct Costs

CE&I Services	\$	3,216.00
---------------	----	----------

Subtotal {Soiltech} Costs

\$	13,865.18
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PROJECT TOTAL COSTS

\$	83,770.94
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BILLING RATE TABLE

Neel-Schaffer, Inc.

Construction Engineering & Inspection Services

Home Overhead Rate ²	158.88% %	158.77% OH + 0.11% FCCM
Field Overhead Rate ²	122.13% %	122.09% OH + 0.04% FCCM
Profit	12.00% %	

REGULAR BILLING TIME

Classification	Raw Wage Rate	Audited OH Rate ³	Profit	Regular Billing Rate
Engineer Manager	\$ 61.80	\$ 98.19	\$ 19.20	\$179.19
Project Manager	\$ 37.90	\$ 60.22	\$ 11.78	\$109.90
Engineer Technician	\$ 28.98	\$ 46.05	\$ 9.00	\$84.04
Inspector IV	\$ 24.72	\$ 30.19	\$ 6.59	\$61.50
Administrative Assistant	\$ 24.31	\$ 38.62	\$ 7.55	\$70.48
Engineer Intern	\$ 24.72	\$ 39.28	\$ 7.68	\$71.67

OVERTIME BILLING RATES ***

Classification	Raw Wage Rate	Audited OH Rate ³	Profit	Regular Billing Rate
Inspector I		\$ -	\$ -	\$ -
Inspector II		\$ -	\$ -	\$ -
Additional		\$ -	\$ -	\$ -
Additional		\$ -	\$ -	\$ -
Additional		\$ -	\$ -	\$ -

² Approved by MDOT

³ Formula's may need to be adjusted if consultant has field overhead rate approved.

*** Overtime may only be allowable for those employees per Federal requirements.

*** Overtime is calculated by Raw Wage only * 1.5. Overhead and profit shall not be increased by 1.5

HOUR DISTRIBUTION / LABOR COSTS

Neel-Schaffer, Inc.
Construction Engineering & Inspection Services

STP-8771-00(002)LPA / 106943-701000

REGULAR HOURS ONLY

POSITION TITLE	Hours Per Month												On Job Months	Subtotal Hours	Hourly Rate	Extension
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov				
Engineer Manager	4	4	4	4	4	4	4	4					8	32	\$ 179.19	\$ 5,733.96
Project Manager	16	12	12	12	12	12	12	16					8	104	\$ 109.90	\$ 11,429.70
Engineer Technician	8	4	4	4	16	24	4	16					8	80	\$ 84.04	\$ 6,723.07
Inspector IV		110	110	110	110	110	110	12					7	672	\$ 61.50	\$ 41,327.87
Administrative Assistant	4	2	2	2	2	2	2	8					8	24	\$ 70.48	\$ 1,691.52
Engineer Intern	6	4	4	4	4	4	4	8					8	38	\$ 71.67	\$ 2,723.63

Labor Subtotal (Regular) \$ 69,629.76

STP-8771-00(002)LPA / 106943-701000

OVERTIME HOURS ONLY

POSITION TITLE	Overtime Hours Per Month												On Job Months	Subtotal Hours	Hourly Rate	Extension
	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov				
Inspector I													0	0	\$ -	\$ -
Inspector II													0	0	\$ -	\$ -
Additional													0	0	\$ -	\$ -
Additional													0	0	\$ -	\$ -
Additional													0	0	\$ -	\$ -

Labor Subtotal (Overtime) \$ -

CONTRACTOR'S Project Completion Time:

70 Working Days

Construction Estimate:

\$574,615.18

DIRECT COSTS ****
Neel-Schaffer, Inc.
Construction Engineering & Inspection Services

POSITION TITLE	LODGING	MEALS	TRAVEL	PRINTING	{OTHER}	MONTH TOTAL
Engineer Manager						\$ -
Project Manager						\$ -
Engineer Technician						\$ -
Inspector IV			\$ 276.00			\$ 276.00
Administrative Assistant						\$ -
Engineer Intern						\$ -
TOTAL						\$ 276.00

**** Provide detail for breakdown of Direct Costs
480 miles at \$0.575 per mile

ESTIMATED MAXIMUM FEE FOR TESTING SERVICES

Project Name Pathway Improvements from Train City of City of Hattiesburg, MS

MDOT Project No. STP-8771-00(002)LPA / 106943-701000
Testing Firm Name Soiltech, Inc.

MDOT District Material Engineer Approval Date for the S&T Report 4/24/2015

Overhead Rate 177.92%
Profit 12.00%

Classification	Raw Wage Rate	Audited OH Rate	Profit	Regular Billing Rate
Sr. Project Manager	\$ 58.31	\$ 103.75	\$ 19.45	\$ 181.50
Project Manager	\$ 42.15	\$ 74.99	\$ 14.06	\$ 131.20
Field Manager	\$ 35.19	\$ 62.61	\$ 11.74	\$ 109.54
Admin. Assistant	\$ 18.03	\$ 32.08	\$ 6.01	\$ 56.12
Lab Manager	\$ 31.52	\$ 56.08	\$ 10.51	\$ 98.11
Technician	\$ 17.30	\$ 30.78	\$ 5.77	\$ 53.85

LABOR COSTS	Hours	Regular Billing Rate	Total
Sr. Project Manager	2	\$ 181.50	\$ 363.00
Project Manager	18	\$ 131.20	\$ 2,361.61
Field Manager	10	\$ 109.54	\$ 1,095.36
Admin. Assistant	10	\$ 56.12	\$ 561.22
Lab Manager	9	\$ 98.11	\$ 883.01
Technician	100	\$ 53.85	\$ 5,384.98

SUBTOTAL - LABOR COSTS 149 \$ 10,649.18

FIELD AND LABORATORY	Quantity	Unit	Unit Cost	Total Cost
Bulk Specific Gravity	2	Each	\$ 45.00	\$ 90.00
Grain Size Analyses(+ #200) T 88	2	Each	\$ 85.00	\$ 170.00
Standard Proctor	2	Each	\$ 200.00	\$ 400.00
Concrete Compression Test ASTM C39	27	Each	\$ 18.00	\$ 486.00

SUB-TOTAL - FIELD AND LABORATORY \$ 1,146.00

EXPENSE ITEMS	Quantity	Rate	Total Cost
Automobile Travel (24 round trips from Long Beach to project site @ 150 miles each)	3600	x \$ 0.575	\$ 2,070.00

SUB-TOTAL - EXPENSE ITEMS \$ 3,216.00

TOTAL PROPOSED FEE \$ 13,865.18**NOTES:**

The above quantities are based on the contractor production estimates provided by MDOT. One 3-hour trip was estimated to pick up all soil samples required for the project. It was estimated that the contractor will have approximately 2000 feet of sidewalk prepared for density testing on each trip requiring only five 5-hour trips. For 825 yards of concrete, nine 4-hour trips will be required for concrete testing, making only one set of three cylinders per trip (27 cylinders). Nine 4-hour trips will be required for cylinder pickups.

Senior Field Inspector Trip and Hourly Summary

Description	Trips	Hours/Trip	Hours
Soil Sample Pickup	1	3	3
Density Testing	5	5	25
Concrete Testing	9	4	36
Concrete Cylinder Pickup	9	4	36
Totals	24		100

Concrete testing is estimated to be nine sets of three cylinders because the total estimated quantity from the engineer was 825 cubic yards, and according to small project guidelines, only sampled every 100 yards. This ends up being 8.25 sets of cylinders which was rounded up to 9 sets of three cylinders giving 27 cylinders.

Out of 24 trips, 9 would be for cylinder pick ups leaving 15 trips with reports. We estimate that the project engineer and administrative assistant will spend 1/4 hour (15 minutes) and 1/2 hour (30 minutes), respectively, per report (approximately 4 hours for project engineer and 8 hours administrative assistant). The project manager will spend about 1/2 the time the project engineer will spend periodically checking reports (2 hours).



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-649

File ID: 2017-649

Type: Regular Agenda Item

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 08/16/2017

Brief Title: Old Highway 98 East and W. L. Runnels Industrial Drive project

Final Action: 08/22/2017

Minute Book Number: MB2017-357

Title:

Approve Supplemental Agreement No. 1 with C. B. Developers, Inc. for the Old Highway 98 East and W. L. Runnels Industrial Drive project adjusting quantities to actual and decreasing contract amount by \$750.34; Authorize publication of Notice of Final Settlement; Authorize payment of final pay application.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: V.-7

Sponsors:

Enactment Date:

Attachments: Closeout Documents, Final Pay Estimate, Supplemental Agreement No. 1, Notice of Final Settlement - Old 98 & Runnels Rd, executed Notice of Final Settlement - Old 98 & Runnels Rd, executed Supplemental Agreement No. 1 - C.B. Developers Inc. for Old Hwy 98 E

Enactment Number:

Contact:

Meeting Date: 08/22/2017

Drafter: Sharon Waits

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017	Approve				Pass

Action Text: A MOTION was made by Council Member Brown and seconded by Council Vice President Dryden to Approve Supplemental Agreement No. 1 with C. B. Developers, Inc. for the Old Highway 98 East and W. L. Runnels Industrial Drive project adjusting quantities to actual and decreasing contract amount by \$750.34; Authorize publication of Notice of Final Settlement; Authorize payment of final pay application.

There being no discussion, the Motion received the affirmative vote of the Council as follows:

Yeas: 5 - George, Delgado, Carroll, Dryden and Brown

Nays: 0

Yea: 5 Council Member George
 Council Member Delgado
 Council President Carroll
 Council Vice President Dryden
 Council Member Brown

Text of Legislative File 2017-649

Title

Approve Supplemental Agreement No. 1 with C. B. Developers, Inc. for the Old Highway 98 East and W. L. Runnels Industrial Drive project adjusting quantities to actual and decreasing contract amount by \$750.34; Authorize publication of Notice of Final Settlement; Authorize payment of final pay application.

Summary

Old Highway 98 East and W. L. Runnels Industrial Drive project

Budget Information

Expenditure Type

Purchasing Item

Publication Information

Publish Notice of Final Settlement once on Sunday August 27, 2017



Engineering Progress

August 16, 2017

City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39403

Attn: Lamar Rutland, P.E.

Re: Water Line Extension along Old Highway 98 E and W.L. Runnels Industrial Drive
EDA Award #04-01-07043

Dear Mr. Rutland:

Enclosed please find the closeout documentation for the above captioned project. The following items are enclosed for your review and subsequent Council approval. Please execute and return three (3) originals of the Supplemental Agreement to Shows, Dearman & Waits, Inc. for further processing.

1. Consent of Surety to Final Payment
2. Affidavit of Release of Liens
3. EDA Final Acceptance Report
4. Pay Application Number 3 (Final) for \$129,000.51
5. Supplemental Agreement Number 1 (Final)

Should you have any questions or comments, please do not hesitate to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kyle Wallace', written over a horizontal line.

Kyle Wallace, P.E.
Project Engineer

/kw

Enclosures

**CONSENT OF SURETY
TO FINAL PAYMENT**

AIA Document G707

Bond No. SU 1140988

OWNER	☐
ARCHITECT	☐
CONTRACTOR	☐
SURETY	☒
OTHER	☐

TO OWNER:

(Name and address)

City of Hattiesburg

P.O. Box 1898

Hattiesburg, MS 39403-1898

ARCHITECT'S PROJECT NO.:

CONTRACT FOR: Same as Below

PROJECT:

(Name and address)

CONTRACT DATED:

Water Line Extension Along Old Highway 98 East and W.L. Runnels Industrial Drive

In accordance with the provisions of the Contract between the Owner and the Contractor as indicated above, the
(Insert name and address of Surety)

Arch Insurance Company
Harborside 3, 210 Hudson Street Suite 300
Jersey City, NJ 07311-1107

, SURETY,

on bond of

(Insert name and address of Contractor)

C.B. Developers, Inc.
1716 Evelyn Gandy Parkway, Suite 40
Hattiesburg, MS 39401

, CONTRACTOR,

hereby approves of the final payment to the Contractor, and agrees that final payment to the Contractor shall not relieve the Surety of
any of its obligations to

(Insert name and address of Owner)

City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39403-1898

, OWNER,

as set forth in said Surety's bond.

IN WITNESS WHEREOF, the Surety has hereunto set its hand on this date: August 11, 2017

(Insert in writing the month followed by the numeric date and year.)

Arch Insurance Company

(Surety)

By:

(Signature of authorized representative)

Brody Eric Buckley

Attorney-in-Fact

(Printed name and title)

Resident MS Agent Bottrell Insurance

Attest:

(Seal):

Wes Price

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated. Not valid for Mortgage, Note, Loan, Letter of Credit, Bank Deposit, Currency Rate, Interest Rate or Residential Value Guarantees.

POWER OF ATTORNEY

Know All Persons By These Presents:

That the Arch Insurance Company, a corporation organized and existing under the laws of the State of Missouri, having its principal administrative office in Jersey City, New Jersey (hereinafter referred to as the "Company") does hereby appoint:

Brody Eric Buckley

its true and lawful Attorney(s) in-Fact, to make, execute, seal, and deliver from the date of issuance of this power for and on its behalf as surety, and as its act and deed:

Any and all bonds, undertakings, recognizances and other surety obligations.

Surety Bond Number: SU 1140988

Principal: C.B. Developers, Inc.

Obligee: City of Hattiesburg

This authority does not permit the same obligation to be split into two or more bonds in order to bring each such bond within the dollar limit of authority as set forth herein.

The execution of such bonds, undertakings, recognizances and other surety obligations in pursuance of these presents shall be as binding upon the said Company as fully and amply to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal administrative office in Jersey City, New Jersey.

This Power of Attorney is executed by authority of resolutions adopted by unanimous consent of the Board of Directors of the Company on September 15, 2011, true and accurate copies of which are hereinafter set forth and are hereby certified to by the undersigned Secretary as being in full force and effect:

"VOTED, That the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, or the Secretary shall have the power and authority to appoint agents and attorneys-in-fact, and to authorize them subject to the limitations set forth in their respective powers of attorney, to execute on behalf of the Company, and attach the seal of the Company thereto, bonds, undertakings, recognizances and other surety obligations obligatory in the nature thereof, and any such officers of the Company may appoint agents for acceptance of process."

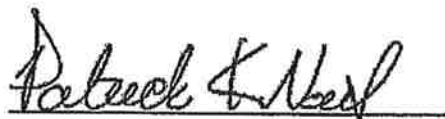
This Power of Attorney is signed, sealed and certified by facsimile under and by authority of the following resolution adopted by the unanimous consent of the Board of Directors of the Company on September 15, 2011:

VOTED, That the signature of the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, and the signature of the Secretary, the seal of the Company, and certifications by the Secretary, may be affixed by facsimile on any power of attorney or bond executed pursuant to the resolution adopted by the Board of Directors on September 15, 2011, and any such power so executed, sealed and certified with respect to any bond or undertaking to which it is attached, shall continue to be valid and binding upon the Company.

In Testimony Whereof, the Company has caused this instrument to be signed and its corporate seal to be affixed by their authorized officers, this 11th day of August, 2017.

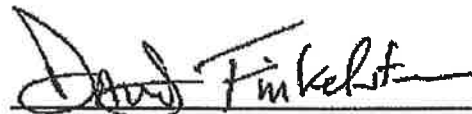
Attested and Certified

Arch Insurance Company



Patrick K. Nails, Secretary



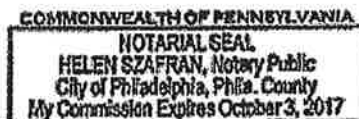


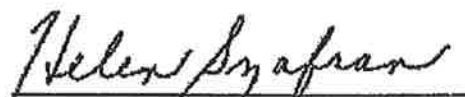
David M. Finkelstein, Executive Vice President

STATE OF PENNSYLVANIA SS

COUNTY OF PHILADELPHIA SS

I, Helen Szafran, a Notary Public, do hereby certify that Patrick K. Nails and David M. Finkelstein personally known to me to be the same persons whose names are respectively as Secretary and Executive Vice President of the Arch Insurance Company, a Corporation organized and existing under the laws of the State of Missouri, subscribed to the foregoing instrument, appeared before me this day in person and severally acknowledged that they being thereunto duly authorized signed, sealed with the corporate seal and delivered the said instrument as the free and voluntary act of said corporation and as their own free and voluntary acts for the uses and purposes therein set forth.





Helen Szafran, Notary Public
My commission expires 10/03/2017

CERTIFICATION

I, Patrick K. Nails, Secretary of the Arch Insurance Company, do hereby certify that the attached Power of Attorney dated August 11, 2017 on behalf of the person(s) as listed above is a true and correct copy and that the same has been in full force and effect since the date thereof and is in full force and effect on the date of this certificate; and I do further certify that the said David M. Finkelstein, who executed the Power of Attorney as Executive Vice President, was on the date of execution of the attached Power of Attorney the duly elected Executive Vice President of the Arch Insurance Company.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the Arch Insurance Company on this 11th day of August, 2017.



Patrick K. Nails, Secretary

This Power of Attorney limits the acts of those named therein to the bonds and undertakings specifically named therein and they have no authority to bind the Company except in the manner and to the extent herein stated.

PLEASE SEND ALL CLAIM INQUIRIES RELATING TO THIS BOND TO THE FOLLOWING ADDRESS:

Arch Insurance - Surety Division
3 Parkway, Suite 1500
Philadelphia, PA 19102





AIA[®] Document G706A[™] – 1994

Contractor's Affidavit of Release of Liens

PROJECT: *(Name and address)*

Water Line Extension Along Old

Highway 98 East and

W.L. Runnels Industrial

Drive

ARCHITECT'S PROJECT NUMBER:

CONTRACT FOR: Same as Below

OWNER ☐

ARCHITECT ☐

CONTRACTOR ☐

TO OWNER: *(Name and address)*

City of Hattiesburg

P.O. Box 1898

Hattiesburg, MS 39403-1898

CONTRACT DATED: 08/09/2016

SURETY ☐

OTHER ☐

STATE OF: Mississippi

COUNTY OF: Forrest

The undersigned hereby certifies that to the best of the undersigned's knowledge, information and belief, except as listed below, the Releases or Waivers of Lien attached hereto include the Contractor, all Subcontractors, all suppliers of materials and equipment, and all performers of Work, labor or services who have or may have liens or encumbrances or the right to assert liens or encumbrances against any property of the Owner arising in any manner out of the performance of the Contract referenced above.

EXCEPTIONS:

SUPPORTING DOCUMENTS ATTACHED HERETO:

1. Contractor's Release or Waiver of Liens, conditional upon receipt of final payment.
2. Separate Releases or Waivers of Liens from Subcontractors and material and equipment suppliers, to the extent required by the Owner, accompanied by a list thereof.

CONTRACTOR: *(Name and address)*

C.B. Developers, Inc.

1716 Evelyn Gandy Parkway, Ste 40

Hattiesburg, MS 39401

BY:

(Signature of authorized representative)

Mack Lister, Project Manager
(Printed name and title)

Subscribed and sworn to before me on this date: 8/15/2017

Notary Public: *Audrey Courtney*

My Commission Expires: October 30, 2017



CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.



**ECONOMIC DEVELOPMENT ADMINISTRATION
FINAL ACCEPTANCE REPORT**

EDA Project # 04-01-07043 Recipient: City of Hattiesburg

Contract # 1 of 1 Contracts Contract Award Date: July 19, 2016

Contract/Project Description: Water Line Extension along Hwy 98E & Runnels Ind Drive

The following persons were present during the final inspection:

Architect/Engineer: Kyle Wallace, P.E.

Owner: Lamar Rutland, P.E.

Contractor: Mack Lister

EDA Representative: N/A

Other: Jared Brogan-Contractor

RECITAL: The work performed under this contract was inspected on 6-20-2017 (date) for the purpose of determining acceptability of construction. The **Date of Acceptance** is hereby established as 7-13-2017.

The "Date of Acceptance" is the date which the Owner may occupy and/or use the facility for the purpose for which it is intended in accordance with the contract documents and all work for the facility has been completed with the exception of minor cleanup and minor corrective action as shown in the Architect/Engineer's list made during the final inspection.

Kyle D. Wallace
Architect/Engineer (print)

[Signature]
Signature

8-8-17
Date

The **Contractor** agrees that the Date of Acceptance is also the date of commencement of all warranties required by the contract documents and that he/she (the Contractor) has released all liens on the project, including materialmen and mechanics liens or others filed by the Contractor. The Contractor will complete the work on the Architect/Engineer's list of minor cleanup and corrective work within 0 days of the Date of Acceptance.

Mack Lister
C.B. Developers, Inc.
Contractor (print)

[Signature]
Signature

8-8-17
Date

The **Owner** accepts the work as complete/substantially complete and will assume full possession thereof on 7-13-2017 (date).

Lamar Rutland
Owner (print)

[Signature]
Signature

8-9-17
Date

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated. Not valid for Mortgage, Note, Loan, Letter of Credit, Bank Deposit, Currency Rate, Interest Rate or Residential Value Guarantees.

POWER OF ATTORNEY

Know All Persons By These Presents:

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Brody Eric Buckley

its true and lawful Attorney(s)in-Fact, to make, execute, seal, and deliver from the date of issuance of this power for and on its behalf as surety, and as its act and deed:

Any and all bonds, undertakings, recognizances and other surety obligations.

Surety Bond Number: SU 1140988

Principal: C.B. Developers, Inc.

Obligee: City of Hattiesburg

This authority does not permit the same obligation to be split into two or more bonds in order to bring each such bond within the dollar limit of authority as set forth herein.

The execution of such bonds, undertakings, recognizances and other surety obligations in pursuance of these presents shall be as binding upon the said Company as fully and amply to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal administrative office in Jersey City, New Jersey.

This Power of Attorney is executed by authority of resolutions adopted by unanimous consent of the Board of Directors of the Company on September 15, 2011, true and accurate copies of which are hereinafter set forth and are hereby certified to by the undersigned Secretary as being in full force and effect:

"VOTED, That the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, or the Secretary shall have the power and authority to appoint agents and attorneys-in-fact, and to authorize them subject to the limitations set forth in their respective powers of attorney, to execute on behalf of the Company, and attach the seal of the Company thereto, bonds, undertakings, recognizances and other surety obligations obligatory in the nature thereof, and any such officers of the Company may appoint agents for acceptance of process."

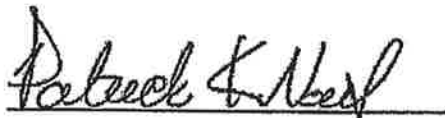
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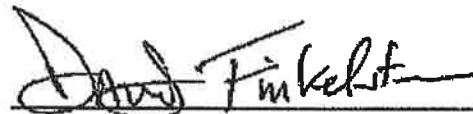
In Testimony Whereof, the Company has caused this instrument to be signed and its corporate seal to be affixed by their authorized officers, this 11th day of August, 2017.

Attested and Certified

Arch Insurance Company



Patrick K. Nails, Secretary

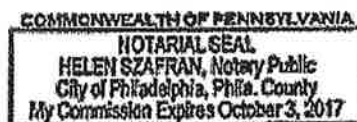
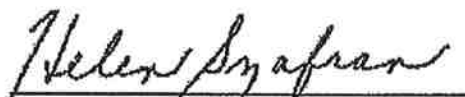



David M. Finkelstein, Executive Vice President

STATE OF PENNSYLVANIA SS

COUNTY OF PHILADELPHIA SS

I, Helen Szafran, a Notary Public, do hereby certify that Patrick K. Nails and David M. Finkelstein personally known to me to be the same persons whose names are respectively as Secretary and Executive Vice President of the Arch Insurance Company, a Corporation organized and existing under the laws of the State of Missouri, subscribed to the foregoing instrument, appeared before me this day in person and severally acknowledged that they being thereunto duly authorized signed, sealed with the corporate seal and delivered the said instrument as the free and voluntary act of said corporation and as their own free and voluntary acts for the uses and purposes therein set forth.

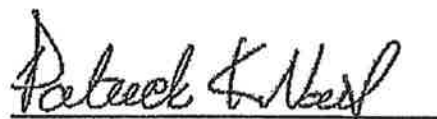



Helen Szafran, Notary Public
My commission expires 10/03/2017

CERTIFICATION

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IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the Arch Insurance Company on this 11th day of August, 2017.



Patrick K. Nails, Secretary

This Power of Attorney limits the acts of those named therein to the bonds and undertakings specifically named therein and they have no authority to bind the Company except in the manner and to the extent herein stated.

PLEASE SEND ALL CLAIM INQUIRIES RELATING TO THIS BOND TO THE FOLLOWING ADDRESS:

Arch Insurance – Surety Division
3 Parkway, Suite 1500
Philadelphia, PA 19102



Contractor's Final Application For Payment No. 3

To (Owner): City of Hattiesburg		Application Period: Beginning: 1/1/2017 Ending: 5/15/2017	Application Date: 20-Jun-17
Project: Water Line Extension-WL Runnels & Old Hwy 98		From (Contractor): C. B. Developers, Inc.	Via (Engineer): Shows, Dearman & Waits
Owner's Contract No.: Not Applicable		Contract: Not Applicable	Engineer's Project No.: Not Applicable

Change Order Summary

Approved Change Orders

Number	Additions	Deductions
TOTALS	\$ -	\$ -
NET CHANGE BY CHANGE ORDERS	\$ -	\$ -

CONTRACTOR'S CERTIFICATION

The undersigned Contractor certifies that: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By: Shirley Bruland Date: 7/20/17

1. ORIGINAL CONTRACT PRICE	\$ 432,452.09
2. Net change by Change Orders	\$ -
3. CURRENT CONTRACT PRICE (LINE 1 + 2)	\$ 432,452.09
4. TOTAL COMPLETED AND STORED TO DATE (Column F on Progress Estimates)	\$ 431,701.75
5. RETAINAGE:	
a. 5.0 % x Work Completed	\$ -
b. 5.0% x Stored Material	\$ -
c. Total Retainage (line 5a + line 5b)	\$ -
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c)	\$ 431,701.75
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	\$ 302,701.24
8. AMOUNT DUE THIS APPLICATION	\$ 129,000.51
9. BALANCE TO FINISH, PLUS RETAINAGE	
(Column G on Progress Estimate + Line 5 above)	\$ -

Payment of: \$129,000.51

(Line 8 or other - attach explanation of other amount)

Is recommended by:

[Signature]
(Engineer)

8-14-17
(Date)

Payment of:

\$129,000.51

(Line 8 or other - attach explanation of other amount)

Is approved by:

(Owner)

(Date)

Is approved by:

(Owner)

(Date)

Approved by:

(USDA)

(Date)

Progress Estimate

Contractor's Application

For (contract):	Water Line Extension-WL Runnels & Old Hwy 98				Application Number: 3						
Application Period:	1/1/2017		TO	5/15/2017		Application Date: 20-Jun-17					
	A	Bid	Quantity	Unit Price	B	C	D	E	F		G
Pay Item	Item Description				Bid Value	Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F)	Balance to Finish (B - F)
1	12" CL 35 DI WATER PIPE OPEN CUT	6240.0	\$ 31.04	\$	193,689.60	5,692	\$ 176,679.68	\$0.00	\$ 176,679.68	91%	\$ 17,009.92
2	12" CL 35 DI WATER PIPE BORED, NO CASING	20.0	\$ 68.62	\$	1,372.40	-	\$ -	\$0.00	\$ -	0%	\$ 1,372.40
3	16" 200 PSI, DR9, HDPE DIRECTIONAL BORE INCL ADAPTER FIT	740.0	\$ 104.90	\$	77,626.00	900	\$ 94,410.00	\$0.00	\$ 94,410.00	122%	\$ (16,784.00)
4	18" STEEL CASING .25 WT BORED	280.0	\$ 105.51	\$	29,542.80	220	\$ 23,212.20	\$0.00	\$ 23,212.20	79%	\$ 6,330.60
5	CONNECTION 1, PROPOSED 12" TO EXISTING 12",	1.0	\$ 2,348.24	\$	2,348.24	1	\$ 2,348.24	\$0.00	\$ 2,348.24	100%	\$ -
6	CONNECTION 2, PROPOSED 12" TO PROPOSED 12" AND 12", G	1.0	\$ 8,453.68	\$	8,453.68	1	\$ 8,453.68	\$0.00	\$ 8,453.68	100%	\$ -
7	CONNECTION 3, PROPOSED 12" TO EXISTING 12" AND 12", GA	1.0	\$ 7,631.80	\$	7,631.80	1	\$ 7,631.80	\$0.00	\$ 7,631.80	100%	\$ -
8	PRV WITH BYPASS AND GATE VALVES	1.0	\$ 27,469.17	\$	27,469.17	1	\$ 27,469.17	\$0.00	\$ 27,469.17	100%	\$ -
9	12" GATE VALVE	6.0	\$ 2,047.67	\$	12,286.02	6	\$ 12,286.02	\$0.00	\$ 12,286.02	100%	\$ -
10	12" INSERT A VALVE	1.0	\$ 18,433.72	\$	18,433.72	1	\$ 18,433.72	\$0.00	\$ 18,433.72	100%	\$ -
11	3 WAY FIRE HYDRANT WITH APPURT, INCL TEE, VALVE, HYDRA	8.0	\$ 3,874.60	\$	30,996.80	8	\$ 30,996.80	\$0.00	\$ 30,996.80	100%	\$ -
12	CLEARING AND GRUBBING	1.0	\$ 4,696.49	\$	4,696.49	1	\$ 4,696.49	\$0.00	\$ 4,696.49	100%	\$ -
13	TEMPORARY EROSION CONTROL	1.0	\$ 7,044.73	\$	7,044.73	1	\$ 7,044.73	\$0.00	\$ 7,044.73	100%	\$ -
14	GRASSING	1.0	\$ 2,641.78	\$	2,641.78	1	\$ 2,641.78	\$0.00	\$ 2,641.78	100%	\$ -
15	MAINTENANCE OF TRAFFIC	1.0	\$ 2,935.31	\$	2,935.31	1	\$ 2,935.31	\$0.00	\$ 2,935.31	100%	\$ -
16	MOB	1.0	\$ 5,283.55	\$	5,283.55	1	\$ 5,283.55	\$0.00	\$ 5,283.55	100%	\$ -
17	MOB	1.0	\$ 2,054.71	\$	2,054.71	1	\$ 2,054.71	\$0.00	\$ 2,054.71		\$ -
18	INVESTIGATION	10.0	\$ 217.21	\$	2,172.10	10	\$ 2,172.10	\$0.00	\$ 2,172.10		\$ -
19	12" X 3/4" SERVICE RECONNECT	1.0	\$ 612.89	\$	612.89	1	\$ 612.89	\$0.00	\$ 612.89		\$ -
20	12" X 2" SERVICE RECONNECT	2.0	\$ 1,050.84	\$	2,101.68	2	\$ 2,101.68	\$0.00	\$ 2,101.68		\$ -
21	2" SERVICE PIPE	40.0	\$ 5.93	\$	237.20	40	\$ 237.20	\$0.00	\$ 237.20		\$ -
22	0	0.0	\$ -	\$	-	-	\$ -	\$0.00	\$ -		\$ -
23	0	0.0	\$ -	\$	-	-	\$ -	\$0.00	\$ -		\$ -
24	0	0.0	\$ -	\$	-	-	\$ -	\$0.00	\$ -		\$ -
25	0	0.0	\$ -	\$	-	-	\$ -	\$0.00	\$ -		\$ -
	TOTALS				\$ 439,630.67		\$ 431,701.75	\$0.00	\$ 431,701.75		\$ 7,928.92

EJCDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

	DESCRIPTION	1	2	3	4	5	6	7	8	9	10	TOTAL
		Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
1	12" CL 35 DI WATER PIPE OPEN CUT	480	5187	25								5692
2	12" CL 35 DI WATER PIPE BORED, NO CASING											0
3	16" 200 PSI, DR9, HDPE DIRECTIONAL BORE INCL ADAPTER FITTINGS		480	420								900
4	18" STEEL CASING .25 WT BORED		220									220
5	CONNECTION 1, PROPOSED 12" TO EXISTING 12",			1								1
6	CONNECTION 2, PROPOSED 12" TO PROPOSED 12" AND 12", GATE VALVES AND FITTINGS			1								1
7	CONNECTION 3, PROPOSED 12" TO EXISTING 12" AND 12", GATE VALVES AND FITTINGS			1								1
8	PRV WITH BYPASS AND GATE VALVES			1								1
9	12" GATE VALVE		8	2								6
10	12" INSERT A VALVE			1								1
11	3 WAY FIRE HYDRANT WITH APPURT, INCL TEE, VALVE, HYDRANT, FIBERGLASS MARKER, B	0	6	2								8
12	CLEARING AND GRUBBING		1									1
13	TEMPORARY EROSION CONTROL		0.5	0.5								1
14	GRASSING		0.25	0.75								1
15	MAINTENANCE OF TRAFFIC		1									1
16	MOB		1									1
17	MOB			1								1
18	INVESTIGATION			10								10
19	12" X 3/4" SERVICE RECONNECT			1								1
20	12" X 2" SERVICE RECONNECT			2								2
21	2" SERVICE PIPE			40								40
22		0										0
23		0										0
24		0										0
25												0

**WATER LINE EXTENSION
ALONG
OLD HIGHWAY 98 EAST
AND
W.L. RUNNELS INDUSTRIAL DRIVE
EDA AWARD #04-01-07043
CITY OF HATTIESBURG**

SUPPLEMENTAL AGREEMENT NO. 1

CITY OF HATTIESBURG, MISSISSIPPI

WHEREAS, We, C.B. Developers, Inc Contractor and Arch Insurance Company, Surety entered into a contract with the City of Hattiesburg on the 19th day of July, 2016, for the Water Line Extension along Old Highway 98 East and W.L. Runnels Industrial Drive – EDA Award #04-01-07043.

WHEREAS: It is proposed that the following items be added to the contract documents:

Additional mobilization was required to return equipment and personnel to perform additional work as a result of unknown commercial water services.

<u>No.</u>	<u>Item</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total</u>
17	Mobilization	LS	1.00	\$2,054.71	\$2,054.71

Unknown services were found during construction of the water line project. Time was expended by the contractor to locate the origin and termination of these lines to allow relocation to the new water line. Personnel, equipment and materials were expended to allow proper relocation of the commercial services.

<u>No.</u>	<u>Item</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total</u>
18	Investigation	Hours	10.0	\$ 217.21	\$2,172.10

During construction, an unknown service connection was required to provide continued water service to the customer.

<u>No.</u>	<u>Item</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total</u>
19	12" x 3/4" Service Reconnect	Each	1.0	\$ 612.89	\$ 612.89

During construction, two unknown commercial service connections were required to provide continued water services to the customers.

<u>No.</u>	<u>Item</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total</u>
20	12" x 2" Service Reconnect	Each	2.0	\$ 1,050.84	\$2,101.68

During construction, two unknown commercial service connections were required. Additional service pipe was required to connect the new service connection to the existing water service pipe.

<u>No.</u>	<u>Item</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total</u>
21	2" Service Pipe	LF	40.0	\$ 5.93	\$ 237.20

Total increase of additional items for Supplemental Agreement No. 1 is \$7,178.58

WHEREAS: It during the course of the project, minor modifications to the construction plans required additional and less materials to adapt to the field conditions. The attached Overrun/Underrun statement identifies final quantities on the project. Any changes from the original or supplemental quantities is depicted and reasons for change noted. Total decrease of original contract items is (\$7,928.92)

Total decrease of the original construction contract is \$ 750.34

This agreement in no way modifies or changes the original contract of which it becomes a part, except as specifically stated herein.

NOW, THEREFORE, We, C.B. Developers, Inc., Contractor and Arch Insurance Company Surety, hereby agree that said Supplemental Agreement is hereby made a part of the Original Contract to be performed under the specifications thereof, and that the Original Contract is in full force and effect, except insofar as it might be modified by this Supplement Agreement.

DATED, this 11th day of August, 2017

C.B. Developers, Inc.

By: _____

Contractor

Witness: _____

City of Hattiesburg

Arch Insurance Company

By: _____

Surety Brody Eric Buckley/Attorney-in-Fact
Resident MS Agent/Bottrell Insurance

Witness: _____

Wes Price

By: _____

Owner

Witness: _____

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
1	12" Class 350 Ductile Iron Water Pipe (Open Cut)	Lin. Ft.	6,240	5692		548	\$31.04	\$0.00	\$17,009.92
Actual pipe installed due to field conditions									
2	12" Class 350 Ductile Iron Water Pipe (Bored - No Casing)	Lin. Ft.	20	0		20	\$68.62	\$0.00	\$1,372.40
Boring eliminated and replaced with directional boring due to adverse field conditions									
3	16" 200 PSI, DR9, HDPE (Directional Bore) (Incl. adapter fittings)	Lin. Ft.	740	900	160		\$104.90	\$16,784.00	\$0.00
Actual pipe varied due to field conditions									
4	18" Steel Casing, 0.25" WT (Bored)	Lin. Ft.	280	220		60	\$105.51	\$0.00	\$6,330.60
Actual casing varied due to field conditions									
5	Connection 1: Proposed 12" to Existing 12"	Each	1	1			\$2,348.24	\$0.00	\$0.00
No Change									
6	Connection 2: Proposed 12" to Proposed 12" & 12" (Gate Valves and fittings)	Each	1	1			\$8,453.68	\$0.00	\$0.00
No Change									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
7	Connection 3: Proposed 12" to Existing 12" & 12" (Gate Valves and fittings)	Each	1	1			\$7,631.80	\$0.00	\$0.00
No Change									
8	Pressure Reducing Valve with Bypass and Gate Valves	Each	1	1			\$27,469.17	\$0.00	\$0.00
No Change									
9	12" Gate Valve	Each	6	6			\$2,047.67	\$0.00	\$0.00
No Change									
10	12" Insert-A-Valve	Each	1	1			\$18,433.72	\$0.00	\$0.00
No Change									
11	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Fiberglass Marker, Brass Tag, Pipe, & other fittings)	Each	8	8			\$3,874.60	\$0.00	\$0.00
No Change									
12	Clearing and Grubbing	Lump Sum	1	1			\$4,696.49	\$0.00	\$0.00
No Change									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
13	Temporary Erosion Control	Lump Sum	1	1			\$7,044.73	\$0.00	\$0.00
No Change									
14	Grassing	Lump Sum	1	1			\$2,641.78	\$0.00	\$0.00
No Change									
15	Maintenance of Traffic	Lump Sum	1	1			\$2,935.31	\$0.00	\$0.00
No Change									
16	Mobilization	Lump Sum	1	1			\$5,283.55	\$0.00	\$0.00
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Supplemental Agreement No. 1									
20	12" X 2" Service Reconnect		2	2			\$1,050.84	\$0.00	\$0.00
Supplemental Agreement No. 1									
21	2" Service Pipe		40	40			\$5.93	\$0.00	\$0.00
Supplemental Agreement No. 1									
							\$ 16,784.00	\$	24,712.92
PROJECT DECREASE								\$	7,928.92
Original Contract Amount								\$	432,452.09
Supplemental Agreement No. 1								\$	7,178.58
Underrun								\$	(7,928.92)
Final Contract Amount								\$	431,701.75

NOTICE OF FINAL SETTLEMENT

NOTICE is hereby given that the contract between the City of Hattiesburg, Mississippi, as Owner and C. B. Developers, Inc. dated July 19, 2016, for the Old Highway 98 East and W. L. Runnels Industrial Drive project, as per approved plans and specification on file in the City Clerk's Office, has been fully and completely performed and exercised, and that final settlement thereof and thereunder will be made.

THIS NOTICE is given pursuant to and under the terms and provisions of Section 31-5-53, Mississippi Code of 1972, annotated as amended and pursuant to the authority conferred by Order of the Mayor and City Council of Hattiesburg, Mississippi, appearing for record upon and as part of the official minutes of said City of Hattiesburg.

WITNESS my signature and the official seal of said City, on this the 22nd day of August, 2017,
A.D.

CITY OF HATTIESBURG, MISSISSIPPI

BY: _____
CITY CLERK

(S E A L)

Publish (1) Sunday, August 27th, 2017
Return PROOF to City Clerk's Office
P O Box 1898
Hattiesburg, MS 39403

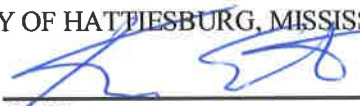
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WITNESS my signature and the official seal of said City, on this the 22nd day of August, 2017,
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CITY OF HATTIESBURG, MISSISSIPPI

BY: 

CITY CLERK

(S E A L)

Publish (1) Sunday, August 27th, 2017
Return PROOF to City Clerk's Office
P O Box 1898
Hattiesburg, MS 39403

**WATER LINE EXTENSION
ALONG
OLD HIGHWAY 98 EAST
AND
W.L. RUNNELS INDUSTRIAL DRIVE
EDA AWARD #04-01-07043
CITY OF HATTIESBURG**

SUPPLEMENTAL AGREEMENT NO. 1

CITY OF HATTIESBURG, MISSISSIPPI

WHEREAS, We, C.B. Developers, Inc Contractor and Arch Insurance Company, Surety entered into a contract with the City of Hattiesburg on the 19th day of July, 2016, for the Water Line Extension along Old Highway 98 East and W.L. Runnels Industrial Drive – EDA Award #04-01-07043.

WHEREAS: It is proposed that the following items be added to the contract documents:

Additional mobilization was required to return equipment and personnel to perform additional work as a result of unknown commercial water services.

<u>No.</u>	<u>Item</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total</u>
17	Mobilization	LS	1.00	\$2,054.71	\$2,054.71

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19	12" x 3/4" Service Reconnect	Each	1.0	\$ 612.89	\$ 612.89

During construction, two unknown commercial service connections were required to provide continued water services to the customers.

<u>No.</u>	<u>Item</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total</u>
20	12" x 2" Service Reconnect	Each	2.0	\$ 1,050.84	\$2,101.68

During construction, two unknown commercial service connections were required. Additional service pipe was required to connect the new service connection to the existing water service pipe.

<u>No.</u>	<u>Item</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total</u>
21	2" Service Pipe	LF	40.0	\$ 5.93	\$ 237.20

Total increase of additional items for Supplemental Agreement No. 1 is \$7,178.58

WHEREAS: It during the course of the project, minor modifications to the construction plans required additional and less materials to adapt to the field conditions. The attached Overrun/Underrun statement identifies final quantities on the project. Any changes from the original or supplemental quantities is depicted and reasons for change noted. Total decrease of original contract items is (\$7,928.92)

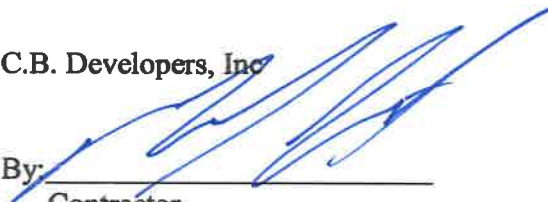
Total decrease of the original construction contract is \$ 750.34

This agreement in no way modifies or changes the original contract of which it becomes a part, except as specifically stated herein.

NOW, THEREFORE, We, C.B. Developers, Inc, Contractor and Arch Insurance Company Surety, hereby agree that said Supplemental Agreement is hereby made a part of the Original Contract to be performed under the specifications thereof, and that the Original Contract is in full force and effect, except insofar as it might be modified by this Supplement Agreement.

DATED, this 11th day of August, 2017

C.B. Developers, Inc

By: 

Contractor

Witness: 

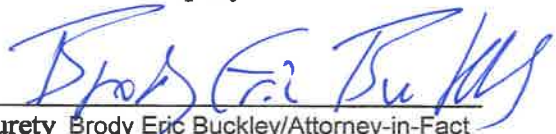
City of Hattiesburg

By: 

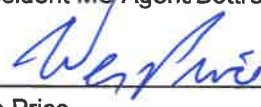
Owner

Witness: 

Arch Insurance Company

By: 

Surety Brody Eric Buckley/Attorney-in-Fact
Resident MS Agent/Bottrell Insurance

Witness: 

Wes Price

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
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4	18" Steel Casing, 0.25" WT (Bored)	Lin. Ft.	280	220		60	\$105.51	\$0.00	\$6,330.60
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							\$ 16,784.00	\$	24,712.92
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							Original Contract Amount	\$	432,452.09
							Supplemental Agreement No. 1	\$	7,178.58
							Underrun	\$	(7,928.92)
							Final Contract Amount	\$	431,701.75



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-645

File ID: 2017-645

Type: Regular Agenda Item

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 08/15/2017

Brief Title: Approve Fair Market Value Offers for parcels needed
for 28th Ave Bridge Project

Final Action: 08/22/2017

Minute Book Number: MB2017-358

Title:

Approve waiver valuations and appraisal amounts for three properties necessary for 28th Avenue Bridge Project and declare them as fair market value, pursuant to MS Code 43-37-3 and other applicable statutes; authorize fair market value offers for parcels 2-039J-20-097.00, 2-039K-20-014.00, and 2-039J-20-093.00.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: V.-8

Sponsors:

Enactment Date:

Attachments: Custom Services-Waiver, Mimosa-Waiver,
York-Waiver

Enactment Number:

Contact:

Meeting Date: 08/22/2017

Drafter: Sharon Waits

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017	Approve				Pass
Action Text: A MOTION was made by Council Vice President Dryden and seconded by Council Member George to Approve waiver valuations and appraisal amounts for three properties necessary for 28th Avenue Bridge Project and declare them as fair market value, pursuant to MS Code 43-37-3 and other applicable statutes; authorize fair market value offers for parcels 2-039J-20-097.00, 2-039K-20-014.00, and 2-039J-20-093.00.							
There being no discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							

Yea: 5 Council Member George
Council Member Delgado
Council President Carroll
Council Vice President Dryden
Council Member Brown

Text of Legislative File 2017-645

Title

Approve waiver valuations and appraisal amounts for three properties necessary for 28th Avenue Bridge Project and declare them as fair market value, pursuant to MS Code 43-37-3 and other applicable statutes; authorize fair market value offers for parcels 2-039J-20-097.00, 2-039K-20-014.00, and 2-039J-20-093.00.

Summary

Approve Fair Market Value Offers for parcels needed for 28th Ave Bridge Project

Budget Information

072201.7210.02

Expenditure Type

Purchasing Item

Publication Information

WAIVER VALUATION

Parcel No. 2-039J-20-097.00

Project No. SA18-157

County Forrest

Address: South 28th Ave.

Owner(s): Custom Services Corp.

Hattiesburg, MS

I, Stan Lightsey, a certified appraiser in the State of Mississippi, acknowledge that I have sufficient understanding of the local real estate market where the subject property is located, have reviewed the construction plans for the above referenced project, and have researched sales and market data that would be relevant to the above referenced property.

The valuation contained in this report is prepared pursuant to statutory authorization by the Mississippi Code, 43-37-3: *"...the acquiring...agency...may adopt a procedure in compliance with federal regulations to waive the appraisal in cases involving the acquisition by sale or donation of a property with a low fair market value. For purposes of this chapter, property with a low fair market value is property with a fair market value of ten thousand dollars, (\$10,000) or less..."*

Federal regulation at 49 CFR 24.102 provides: *"...(2) An appraisal is not required if...(ii) The Agency determines that an appraisal is unnecessary because the valuation problem is uncomplicated and the anticipated value of the proposed acquisition is estimated at \$10,000 or less, based on a review of available data...(A) When an appraisal is determined to be unnecessary, the Agency shall prepare a waiver valuation."*

Under authority of the Mississippi Code 43-37-3, to adopt procedures in compliance with federal regulations, and per 49 CFR 24.102, Appendix A: *"...Waiver valuations are not appraisals as defined by the Uniform Act and these regulations" [42 U.S.C. 4601, et seq., and 49 CFR Part 24]; "therefore, appraisal performance requirements or standards, regardless of their source, are not required for waiver valuations by this rule..."*. Therefore, pursuant to federal regulation and state law, the valuation reported in this document was performed under the allowances specified in the Jurisdictional Exception Rule of the Uniform Standards of Professional Appraisal Practice.

Summary and Allocation of compensation of All Interests: (All interests, Q interest, Easements, Warranty, etc)				
Parcel No.	Land	Improvements	Damages	Total
2-039J-20-097.00	\$9,250.00	-0-	-0-	\$9,250.00

I certify to the best of my knowledge and belief:

The statement I have provided in this report are true and correct.

I have no present or prospective interest in the property valued and no personal interest nor bias with respect to the parties involved.

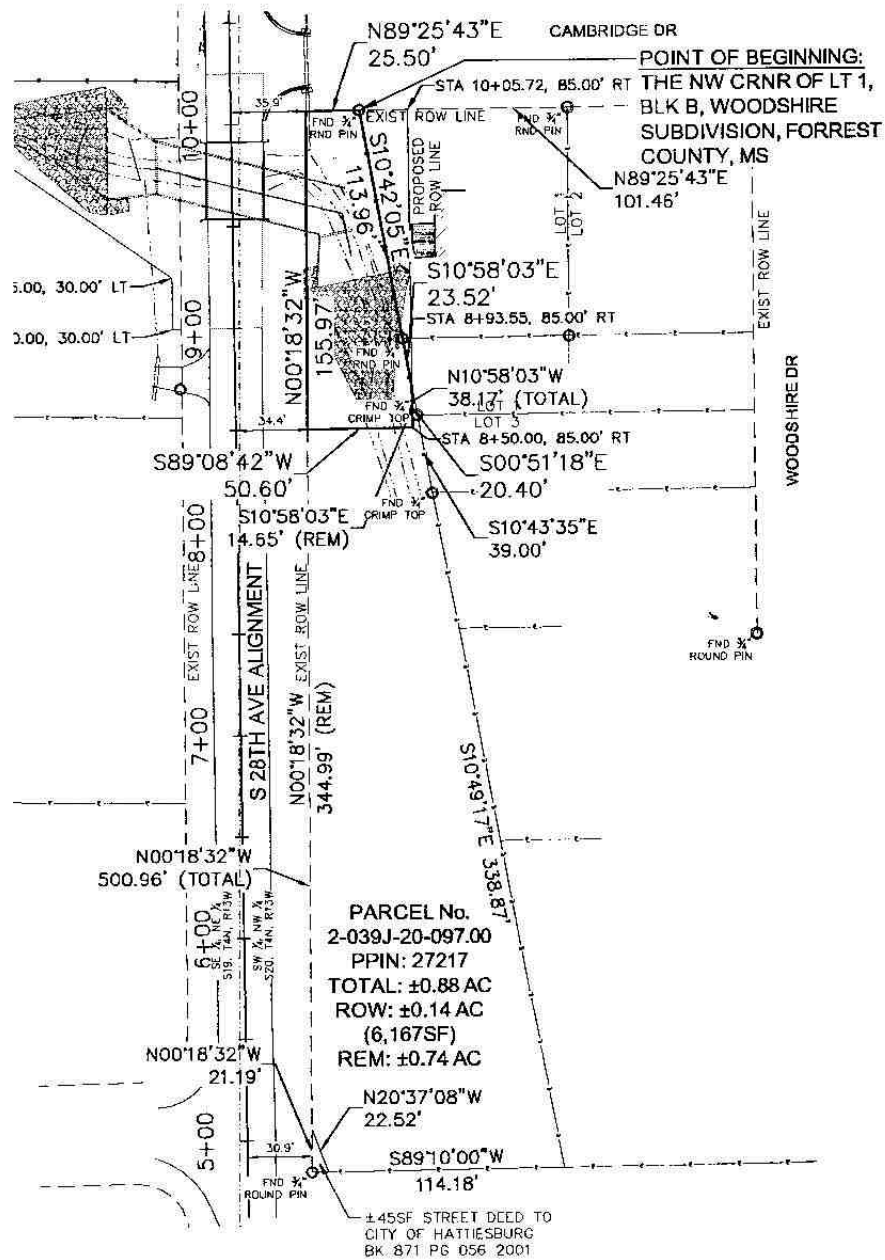
Any decrease or increase in the fair market value of the real property prior to the date of valuation caused by the public improvement for which such property is to be acquired, or by the likelihood that the property would be acquired for such improvement, other than that due to physical deterioration within the reasonable control of the owner, was disregarded in determining the compensation for the property.

Preparer of Valuation Stan Lightsey
Stan Lightsey

Date:
August 4, 2017

Plat Map

CUSTOM SERVICES CORP.
FC TAX PARCEL No. 2-039J-20-097.00



REFERENCES:
WOODSHIRE SUBDIVISION PLAT
BK 13, PG 12 11-17-1981

STREET DEED
BK 871 PG 056 09-06-2001
WARRANTY DEED
BK 488 PG 253 10-07-1980

sdw

Engineering Progress

308 Second Ave., Hattiesburg, MS 39401 (601) 554-1001 (601) 554-1002 fax

G:\PROJECTS\Hattiesburg City of 1204 - South 28th Avenue Bridge Replacement\1204 CADD\Risk\1204 ROW.dwg, 09/27/2015 1:16:33 PM

NOTE:
THIS DOCUMENT IS FOR REFERENCE AS A CHECK
PLAT ONLY AND IS NOT A LEGAL SURVEY

SCALE: 1" = 60'
PLAT DATE: MAY 06, 2015

BEARINGS BASED ON MS STATE PLANE,
COORDINATE SYSTEM, EAST ZONE GRID,
US SURVEY FEET, NAD83

DWG No. 11204

Photograph Addendum

Owner	Custom Services Corp.					
Property Address	South 28th Avenue					
City	Hattiesburg	County	Forrest	State	MS	Zip Code 39402
Client	City of Hattiesburg					



View of Subject



View of Subject



View of 28th Avenue

WAIVER VALUATION

Parcel No. 2-039K-20-014.00

Project No. SA18-157

County Forrest

Address: South 28th Ave.

Owner(s): Mimosa, LLC

Hattiesburg, MS

I, Stan Lightsey, a certified appraiser in the State of Mississippi, acknowledge that I have sufficient understanding of the local real estate market where the subject property is located, have reviewed the construction plans for the above referenced project, and have researched sales and market data that would be relevant to the above referenced property.

The valuation contained in this report is prepared pursuant to statutory authorization by the Mississippi Code, 43-37-3: *"...the acquiring...agency...may adopt a procedure in compliance with federal regulations to waive the appraisal in cases involving the acquisition by sale or donation of a property with a low fair market value. For purposes of this chapter, property with a low fair market value is property with a fair market value of ten thousand dollars, (\$10,000) or less..."*

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Summary and Allocation of compensation of All Interests: (All interests, Q interest, Easements, Warranty, etc)				
Parcel No.	Land	Improvements	Damages	Total
2-039K-20-014.00	\$9,950.00	-0-	-0-	\$9,950.00

I certify to the best of my knowledge and belief:

The statement I have provided in this report are true and correct.

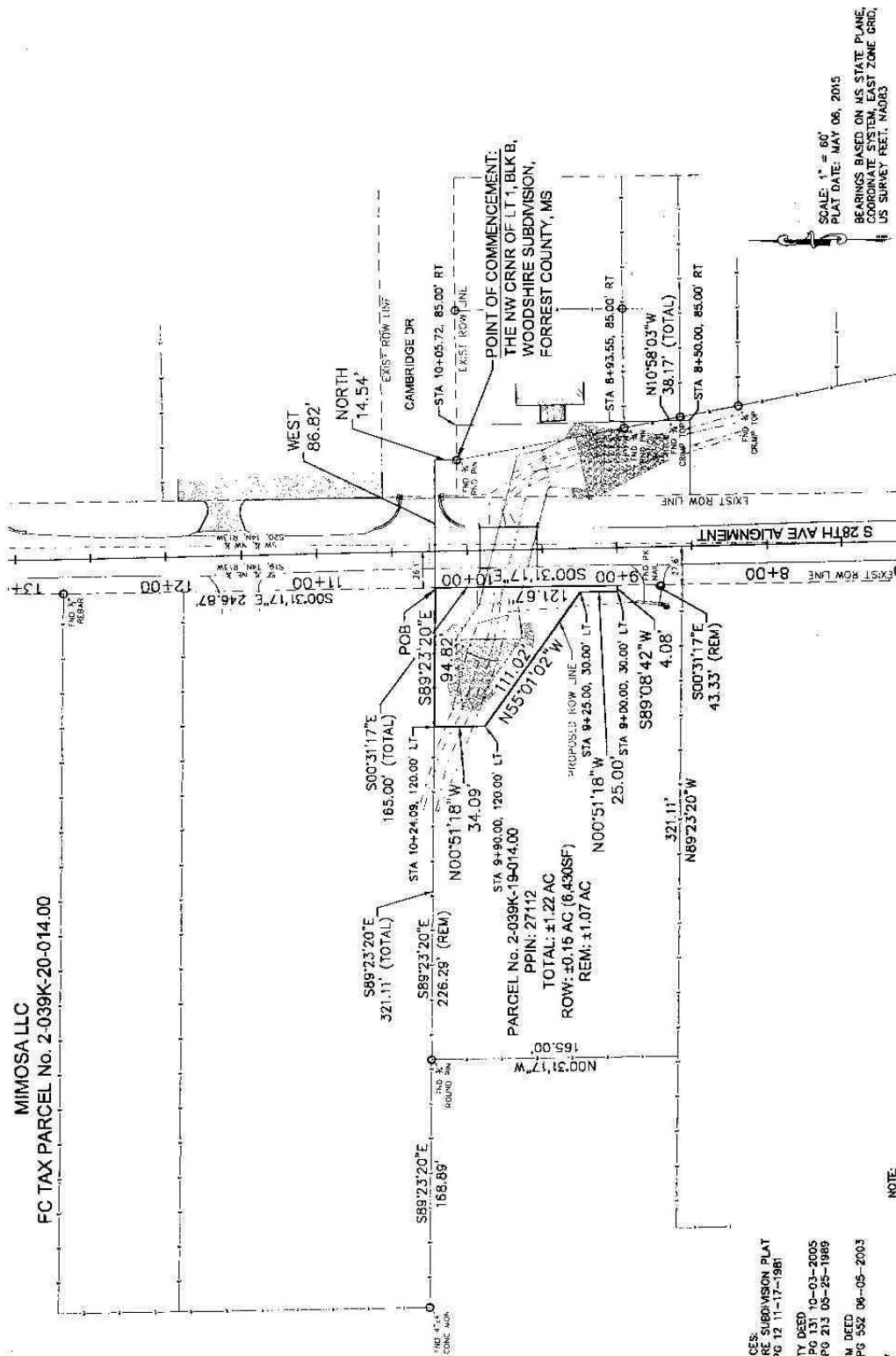
I have no present or prospective interest in the property valued and no personal interest nor bias with respect to the parties involved.

Any decrease or increase in the fair market value of the real property prior to the date of valuation caused by the public improvement for which such property is to be acquired, or by the likelihood that the property would be acquired for such improvement, other than that due to physical deterioration within the reasonable control of the owner, was disregarded in determining the compensation for the property.

Preparer of Valuation Stan Lightsey
Stan Lightsey

Date:
August 4, 2017

Plat Map



MIMOSA LLC
FC TAX PARCEL No. 2-039K-20-014.00

REFERENCES:
WOODSHIRE SUBDIVISION PLAT
BK 13, PG 12 11-17-1981
WARRANTY DEED
BK 969 PG 131 10-03-2005
BK 617 PG 213 05-25-1989
OUTCLAIM DEED
BK 911 PG 552 06-05-2003

sdw
Engineering Progress
300 Second Ave., Suite 200, St. Paul, MN 55101-1144
COMPUTED BY: [Name], City of [Name], State of [Name]

NOTE:
THIS DOCUMENT IS FOR REFERENCE AS A CHECK
PLAT ONLY AND IS NOT A LEGAL SURVEY

DWG No. 11204

Photograph Addendum

Owner	Mimosa, LLC					
Property Address	South 28th Avenue					
City	Hattiesburg	County	Forrest	State	MS	Zip Code 39402
Client	City of Hattiesburg					



View of Subject



View of Subject



View of 28th Avenue

WAIVER VALUATION

Parcel No. 2-039J-20-093.00

Project No. SA18-157

County Forrest

Address: Cambridge Drive

Owner(s): Bennett V. York

Hattiesburg, MS

I, Stan Lightsey, a certified appraiser in the State of Mississippi, acknowledge that I have sufficient understanding of the local real estate market where the subject property is located, have reviewed the construction plans for the above referenced project, and have researched sales and market data that would be relevant to the above referenced property.

The valuation contained in this report is prepared pursuant to statutory authorization by the Mississippi Code, 43-37-3: *"...the acquiring...agency...may adopt a procedure in compliance with federal regulations to waive the appraisal in cases involving the acquisition by sale or donation of a property with a low fair market value. For purposes of this chapter, property with a low fair market value is property with a fair market value of ten thousand dollars, (\$10,000) or less..."*

Federal regulation at 49 CFR 24.102 provides: *"...(2) An appraisal is not required if...(ii) The Agency determines that an appraisal is unnecessary because the valuation problem is uncomplicated and the anticipated value of the proposed acquisition is estimated at \$10,000 or less, based on a review of available data...(A) When an appraisal is determined to be unnecessary, the Agency shall prepare a waiver valuation."*

Under authority of the Mississippi Code 43-37-3, to adopt procedures in compliance with federal regulations, and per 49 CFR 24.102, Appendix A: *"...Waiver valuations are not appraisals as defined by the Uniform Act and these regulations" [42 U.S.C. 4601, et seq., and 49 CFR Part 24]; "therefore, appraisal performance requirements or standards, regardless of their source, are not required for waiver valuations by this rule..."*. Therefore, pursuant to federal regulation and state law, the valuation reported in this document was performed under the allowances specified in the Jurisdictional Exception Rule of the Uniform Standards of Professional Appraisal Practice.

Summary and Allocation of compensation of All Interests: (All interests, Q interest, Easements, Warranty, etc)				
Parcel No.	Land	Improvements	Damages	Total
2-039J-20-093.00	\$2,350.00	-0-	-0-	\$2,350.00

I certify to the best of my knowledge and belief:

The statement I have provided in this report are true and correct.

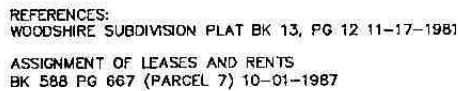
I have no present or prospective interest in the property valued and no personal interest nor bias with respect to the parties involved.

Any decrease or increase in the fair market value of the real property prior to the date of valuation caused by the public improvement for which such property is to be acquired, or by the likelihood that the property would be acquired for such improvement, other than that due to physical deterioration within the reasonable control of the owner, was disregarded in determining the compensation for the property.

Preparer of Valuation Stan Lightsey
Stan Lightsey

Date:
August 4, 2017

BENNET V. YORK
FC TAX PARCEL No. 2-039J-20-093.00



BEARINGS BASED ON MS STATE PLANE,
COORDINATE SYSTEM, EAST ZONE GRID,
US SURVEY FEET, NAD83

DWG No. 11204

sdw Engineering Progress
201 Second Ave. | Hoboken, NJ 07030 | (201) 544-1000 | (201) 544-0500 | sdw.com
CH2M HILL PROJECTS INC. 1104 - South 28th Avenue Bridge

Photograph Addendum

Owner	Bennett V. York					
Property Address	Cambridge Drive					
City	Hattiesburg	County	Forrest	State	MS	Zip Code 39402
Client	City of Hattiesburg					



View of Subject



View of Subject



View of 28th Avenue



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-644

File ID: 2017-644

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 08/15/2017

Brief Title: Closeout Longleaf Trace Phase III Project

Final Action: 08/22/2017

Minute Book Number: MB2017-358

Title: Authorize publication of Notice of Final Settlement for contract with JET Construction, Inc., for the Longleaf Trace Phase III Project; Authorize payment of final pay application.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: V.-9

Sponsors:

Enactment Date:

Attachments: Notice of Final Settlement-LLT Ph III, Closeout Documents, executed Notice of Final Settlement-LLT Ph III, executed Closeout Documents

Enactment Number:

Contact:

Meeting Date: 08/22/2017

Drafter: Sharon Waits

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017	Authorize				Pass
Action Text: A MOTION was made by Council Member Delgado and seconded by Council Member George to Authorize publication of Notice of Final Settlement for contract with JET Construction, Inc., for the Longleaf Trace Phase III Project; Authorize payment of final pay application.							
There being no discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							
Yea: 5 Council Member George Council Member Delgado Council President Carroll Council Vice President Dryden Council Member Brown							

Text of Legislative File 2017-644

Title

Authorize publication of Notice of Final Settlement for contract with JET Construction, Inc., for the Longleaf Trace Phase III Project; Authorize payment of final pay application.

Summary

Close out Longleaf Trace Phase III Project.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

Publish Notice of Final Settlement once on Sunday, August 27, 2017

NOTICE OF FINAL SETTLEMENT

NOTICE is hereby given that the contract between the City of Hattiesburg, Mississippi, as Owner and JET Construction, Inc. dated September 17, 2015, for the Longleaf Trace Phase III project, as per approved plans and specification on file in the City Clerk's Office, has been fully and completely performed and exercised, and that final settlement thereof and thereunder will be made.

THIS NOTICE is given pursuant to and under the terms and provisions of Section 31-5-53, Mississippi Code of 1972, annotated as amended and pursuant to the authority conferred by Order of the Mayor and City Council of Hattiesburg, Mississippi, appearing for record upon and as part of the official minutes of said City of Hattiesburg.

WITNESS my signature and the official seal of said City, on this the 22nd day of August, 2017,
A.D.

CITY OF HATTIESBURG, MISSISSIPPI

BY: _____
CITY CLERK

(S E A L)

Publish (1) Sunday, August 27th, 2017
Return PROOF to City Clerk's Office
P O Box 1898
Hattiesburg, MS 39403



Engineering Progress

August 14, 2017

City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39403

Attn: Lamar Rutland, P.E.

Re: Longleaf Trace Phase III
HPP-0210-00(029)LPA/105214-801000

Dear Mr. Rutland:

Enclosed please find four (4) originals of Construction Estimate No. 9-FINAL for the referenced project for payment. Please execute and return four (4) originals to Shows, Dearman & Waits, Inc. for further processing.

At this time the Contractor, JET Construction, Inc., is due \$37,854.60 for the progress made towards completing the work since the last estimate.

Also attached for closeout of the project are the following documents:

1. Consent of Surety to Final Payment
2. Consent of Contractor to Final Payment
3. Certification of Payment to DBE Firms

Should you have any questions or comments, please do not hesitate to contact us.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Kyle Wallace'.

Kyle Wallace, P.E.
Project Engineer

/kw

Enclosures



MAYOR
Toby Barker

COUNCIL - WARD ONE

Jeffrey George

COUNCIL - WARD TWO

Deborah Denard Delgado

COUNCIL - WARD THREE

Carter Carroll

COUNCIL - WARD FOUR

Mary Dryden

COUNCIL - WARD FIVE

Nicholas Brown

August 7, 2017

JET Construction, Inc.
1711 Prospect Avenue
Pascagoula, MS 39567

Dear Mr. Talley,

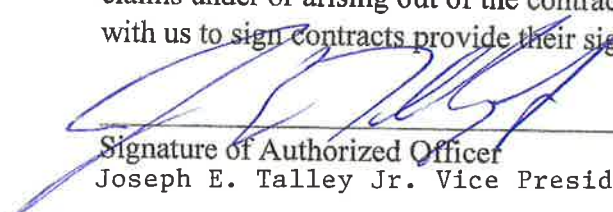
Based on the attached final estimate, we are prepared to issue final payment in the amount of \$37,854.60.

HPP-0210-00(029)/105214801

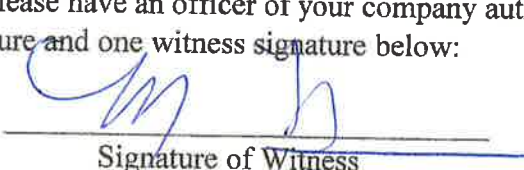
Forrest County

\$37,854.60

If you agree that this is the correct amount for Full and Final Settlement of all amounts due or claims under or arising out of the contract, please have an officer of your company authorized with us to sign contracts provide their signature and one witness signature below:


Signature of Authorized Officer

Joseph E. Talley Jr. Vice President


Signature of Witness

Mary L. Johnson. Witness

Jet Construction Inc

August 9, 2017

Company Name

Date

Please return this completed document as four (4) originals for further processing to the address below:

City of Hattiesburg
C/O Lamar Rutland – City Engineer
P. O. Box 1898
Hattiesburg, MS 39403

Once received, we will process the final estimate to our Financial Management Division for payment in the amount of \$37,854.60.

If you have any questions, please contact Lamar Rutland at 601.545.4540.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Toby Barker', with a stylized flourish extending to the right.

Toby Barker
Mayor

Cc: State LPA Engineer – MDOT 77-01

LPA-001 v 1.2

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

HPP-0210-00(029)/105214801

Revised Apr. 02, 2009

Contractor's Estimate - Recap Sheet

Printed: 08/07/2017 09:15 am

Vendor Number	3100021448 0	Completion Date	00/00/0000	
Contract ID	LHPP021000029	Time Units / Days to be Allowed	130.00	
In Account With	City of Hattiesburg PO Box 1898, Hattiesburg, MS, 39403			
FMS Contract Number	OG00001001			
Estimate Number	0009 FINAL	Period	01/25/2017 Thru	
Project County: FORREST (18)		Current Period	Previous Estimate	Total Allowed to Date
Project Number: 105214801000 [HPP-0210-00(029)/105214801]				
Total Cost (Participating)		\$37,854.60	\$1,272,632.13	\$1,310,486.73
Total Cost		\$37,854.60	\$1,272,632.13	\$1,310,486.73
Project Total		\$37,854.60	\$1,272,632.13	\$1,310,486.73
% Matching Funds Deduction for LPA 20.000000 %		(\$7,570.92)	(\$254,526.43)	(\$262,097.35)
Total Net Amount Owed to LPA		\$30,283.68	\$1,018,105.70	\$1,048,389.38
Total Contract Net Work Due		\$30,283.68	\$1,018,105.70	\$1,048,389.38
Time Units / Days Used		0.386000	76.597000	76.983000
Contract % Complete (Dollars)		2.89 %	97.11 %	100.00 %
Contract % Elapsed Time		0.510000%	102.130000%	102.640000%

Quantities Checked

Original Signed

Wallace, Kyle (16-83)

Project Engineer

LPA Official:

Approved:

Chief Engineer by

Original Signed

Jeffrey C. Altman, P.E

LPA Engineer

Completion Date: 00/00/0000

Calendar Days to be Allowed: 130.00

Total Contract Bid Amount: \$1,324,161.94

Total Contract Current Amount: \$1,310,486.72

Productive Days to be Allowed: 75.000000

Total Productive Days Assessed: 76.980000

Contract % Elapsed Time (Productive Days): 102.640000%

Progress of Project: 100.000000%

CAD002 v 1.6

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

HPP-0210-00(029)/105214801

Revised Oct. 10, 2008

Contractor's Estimate - Detail Sheet

Printed: 08/07/2017

Vendor Number	3100021448 0			Date Let	06/18/2015	MPC	Not Found	
Contract ID	LHPP021000029			Award Date	09/01/2015			
In Account With	City of Hattiesburg PO Box 1898, Hattiesburg, MS, 39403							
Surety	Default Surety For LPA Contract							
FMS CC Number	OG00001001							
Estimate Number	0009 FINAL			Period	01/25/2017 Thru 08/07/2017			
Project Number	105214801000 HPP-0210-00(029)/105214801 FORREST (18)				ROADWAY			
Line No	Item Number	AC	Item	Total Quantities		Unit	Unit Price	Amount
				Final Adjusted Contract Qty	Current	Allowed-to-Date		Current
1	0010	201-A001	Clearing and Grubbing	1.000	0.000	1.000	LS	18,000.00
1	0020	202-B005	Removal of Asphalt Pavement, All Depths	1,141.390	0.000	1,141.390	SY	3.60
1	0030	202-B030	Removal of Concrete Pavement, All Depths	45.000	0.000	45.000	SY	12.00
1	0040	202-B038	Removal of Curb, All Types	125.000	0.000	125.000	LF	12.00
1	0050	202-B057	Removal of Inlets, All Sizes	0.000	0.000	0.000	EA	1,200.00
1	0060	202-B064	Removal of Pipe, 8" And Above	117.000	30.000	117.000	LF	12.00
1	0070	202-B160	Removal of Existing Railroad Crossing	11.000	0.000	11.000	EA	1,560.00
1	0080	203-A003	Unclassified Excavation, FM, AH	2,417.000	0.000	2,417.000	CY	4.80
1	0090	203-EX017	Borrow Excavation, AH, FME, Class B9	0.000	0.000	0.000	CY	13.20
1	0100	203-G003	Excess Excavation, FM, AH	3,443.640	303.700	3,443.640	CY	6.00
1	0110	211-B001	Topsoil for Slope Treatment, Contractor Furnished	2,939.000	0.000	2,939.000	CY	16.80
1	0120	213-C001	Superphosphate	3.160	0.000	3.160	TON	1,506.00
1	0130	907-225-A001	Grassing	4.750	0.000	4.750	ACRE	2,400.00
1	0140	907-225-B001	Agricultural Limestone	17.380	0.000	17.380	TON	798.00
1	0150	907-225-C001	Mulch, Vegetative Mulch	12.640	0.000	12.640	TON	1,440.00
1	0160	907-226-A001	Temporary Grassing	0.000	0.000	0.000	ACRE	1,200.00
1	0170	234-A001	Temporary Silt Fence	4,429.000	0.000	4,429.000	LF	2.16
1	0180	907-237-A002	Wattles 12"	140.000	0.000	140.000	LF	3.78
1	0190	907-237-A003	Wattles, 20"	3,765.000	0.000	3,765.000	LF	4.32
1	0200	907-304-C005	Granular Material, AFA, Class 9, Group C	1,832.600	57.780	1,832.600	CY	12.60
1	0210	907-304-F002	Size 610 Crushed Stone Base	7,822.610	72.650	7,822.610	TON	44.40
1	0220	907-403-A017	9.5-mm, ST, Asphalt Pavement	2,063.500	0.000	2,063.500	TON	105.60
1	0230	907-403-A019	19-mm, ST, Asphalt Pavement	427.340	0.000	427.340	TON	106.80

Line No	Item Number	AC	Item	Total Quantities			Unit	Unit Price	Amount	
				Final Adjusted Contract Qty	Current	Allowed-to-Date			Current	Allowed-to-Date
1	0240	907-403-B012	9.5-mm, ST, Asphalt Pavement, Leveling	0.000	0.000	0.000	TON	106.80	0.00	0.00
1	0250	907-407-A001	Asphalt for Tack Coat	936.000	0.000	936.000	GAL	4.80	0.00	4,492.80
1	0260	406-A001	Cold Milling of Bituminous Pavement, All Depths	0.000	0.000	0.000	SY	3.60	0.00	0.00
1	0270	907-601-B003	Class "B" Structural Concrete, Minor Structures	20.961	0.000	20.961	CY	1,320.00	0.00	27,668.52
1	0280	602-A001	Reinforcing Steel	1,282.570	-33.120	1,282.570	LBS	2.40	-79.49	3,078.17
1	0290	603-CA087	12" Reinforced Concrete Pipe, Class III	16.000	0.000	16.000	LF	48.00	0.00	768.00
1	0300	603-CA088	18" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets	48.000	0.000	48.000	LF	52.20	0.00	2,505.60
1	0310	603-CA089	24" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets	8.000	8.000	8.000	LF	60.60	484.80	484.80
1	0320	603-CB001	18" Reinforced Concrete End Section	3.000	0.000	3.000	EA	780.00	0.00	2,340.00
1	0330	603-CB002	24" Reinforced Concrete End Section	1.000	0.000	1.000	EA	840.00	0.00	840.00
1	0340	603-CB014	15" Reinforced Concrete End Section	3.000	0.000	3.000	EA	720.00	0.00	2,160.00
1	0350	603-CE010	22" x 13" Concrete Arch Pipe, Class A IV	160.000	0.000	160.000	LF	55.86	0.00	8,937.60
1	0360	603-CF001	22" x 13" Concrete Arch Pipe End Section	12.000	0.000	12.000	EA	780.00	0.00	9,360.00
1	0370	907-603-PE205	18" Corrugated Polyethylene Pipe	380.000	0.000	380.000	LF	31.38	0.00	11,924.40
1	0380	907-603-PE206	24" Corrugated Polyethylene Pipe	461.000	0.000	461.000	LF	39.97	0.00	18,426.17
1	0390	907-603-PE211	12" Corrugated Polyethylene Pipe	0.000	0.000	0.000	LF	25.44	0.00	0.00
1	0400	907-603-PE212	15" Corrugated Polyethylene Pipe	140.000	0.000	140.000	LF	22.04	0.00	3,085.60
1	0410	907-603-PP001	Grate Inlet	16.000	0.000	16.000	EA	2,040.00	0.00	32,640.00
1	0420	604-A001	Castings	488.000	0.000	488.000	LBS	2.40	0.00	1,171.20
1	0430	604-B001	Gratings	400.000	0.000	400.000	LBS	2.40	0.00	960.00
1	0440	907-607-PP012	Fencing, Per Plans	550.000	0.000	550.000	LF	24.00	0.00	13,200.00
1	0450	608-A001	Concrete Sidewalk, Without Reinforcement	119.310	-0.460	119.310	SY	42.00	-19.32	5,011.02
1	0460	609-D001	Combination Concrete Curb and Gutter Type 1	191.000	0.000	191.000	LF	18.00	0.00	3,438.00
1	0470	907-611-PP003	Detectable Warning, Per Plans	8.000	0.000	8.000	SF	30.00	0.00	240.00
1	0480	613-D010	Adjustment of Manhole Cover and Water Valve	1.000	0.000	1.000	EA	1,200.00	0.00	1,200.00
1	0500	619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	756.000	0.000	756.000	SF	6.00	0.00	4,536.00
1	0510	619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	819.000	0.000	819.000	SF	6.00	0.00	4,914.00
1	0520	619-G4005	Barricades, Type III, Double Faced	342.000	0.000	342.000	LF	12.00	0.00	4,104.00
1	0540	907-626-G004	Thermoplastic Detail Stripe, White	5,824.000	0.000	5,824.000	LF	1.38	0.00	8,037.12

		Line No	Item Number	AC	Item	Total Quantities			Unit	Unit Price	Amount	
						Final Adjusted Contract Qty	Current	Allowed-to-Date			Current	Allowed-to-Date
1	0550	907-626-G005			Thermoplastic Detail Stripe, Yellow	3,784.000	0.000	3,784.000	LF	1.32	0.00	4,994.88
1	0560	907-626-H004			Thermoplastic Legend, White	400.000	0.000	400.000	LF	3.60	0.00	1,440.00
1	0570	907-626-H005			Thermoplastic Legend, White	2,447.900	0.000	2,447.900	SF	6.00	0.00	14,687.40
1	0580	630-A001			Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	963.000	0.000	963.000	SF	25.20	0.00	24,267.60
1	0590	630-C001			Steel U-Section Posts, 2.0 lb/ft	1,476.000	0.000	1,476.000	LF	6.00	0.00	8,856.00
1	0610	607-B001			60" Type I Chain Link Fence, Class I	1,761.000	0.000	1,761.000	LF	15.60	0.00	27,471.60
1	8010	607-B017			96" Type I Chain Link Fence, Class I With Slats, S/A	5,915.000	592.000	5,915.000	LF	24.00	14,208.00	141,960.00
1	8020	201-C001			Random Clearing and Grubbing S/A	1.000	1.000	1.000	ACRE	9,234.00	9,234.00	9,234.00
1	8030	607-G500			Gate, 3' x 96' Chain Link With Slats, S/A	3.000	3.000	3.000	EA	650.00	1,950.00	1,950.00
						Total ROADWAY Items					31,913.88	1,243,286.73
						Total Participating Direct Items					31,913.88	1,243,286.73
						Total Non-Participating Direct Items					0.00	0.00
						Total Direct Items on Contract = 1,243,286.72					31,913.88	1,243,286.73
Dependent Items												
Part	Line No	Item Number	AC	Item		Total Quantities			Unit	Unit Price	Amount	
						Contract Qty	Current	Allowed-to-Date			Current	Allowed-to-Date
1	0490	907-618-A001		Maintenance of Traffic		1.000000	0.1417	1.0000	LS	21,600.00	3,060.72	21,600.00
1	0530	620-A001		Mobilization		1.000000	0.0000	1.0000	LS	26,400.00	0.00	26,400.00
1	0600	907-699-A002		Roadway Construction Stakes		1.000000	0.1500	1.0000	LS	19,200.00	2,880.00	19,200.00
						Total Participating Dependent Items					5,940.72	67,200.00
						Total Non-Participating Dependent Items					0.00	0.00
						Total Dependent Items					5,940.72	67,200.00
						Total Project Participating Construction Items					37,854.60	1,310,486.73
						Total Project Non-Participating Construction Items					0.00	0.00
						Total Project Construction Items					37,854.60	1,310,486.73
Stockpiled Material Adjustments												
	Line No	Item Number	Item Description		Adjustment Description				Current	Allowed-to-Date		
						Total Participating Stockpiled Material Adjustments				0.00	0.00	
						Total Participating Costs (on CAD001)				37,854.60	1,310,486.73	
						Total Non-Participating Costs (on CAD001)				0.00	0.00	
						Total Costs (on CAD001)				37,854.60	1,310,486.73	
Project: 105214801000 HPP-0210-00(029)/105214801												

Fuel And Material Adjustments					
Line No	Item Number	Item Description	Adjustment Description	Price Difference	Allowed-to-Date
Total Participating Fuel And Material Adjustments				0.00	0.00
Total Non-Participating Fuel And Material Adjustments				0.00	0.00
Total Fuel And Material Adjustments				0.00	0.00
Total Construction Cost on Contract = 1,310,486.72			Total Contract Net Work Due (on CAD001)		1,310,486.73

**CONSENT OF SURETY
TO FINAL PAYMENT**

AIA Document G707

Bond No. 4389507

OWNER	☐
ARCHITECT	☐
CONTRACTOR	☐
SURETY	☒
OTHER	☐

TO OWNER:
(Name and address)

City of Hattiesburg
200 Forrest Street
Hattiesburg, MS

PROJECT:
(Name and address)

Longleaf Trace - Phase III, Federal Aid Project No. HPP-0210-00(015)LPA/105214-801000

ARCHITECT'S PROJECT NO.:

CONTRACT FOR: Same as Below

CONTRACT DATED:

In accordance with the provisions of the Contract between the Owner and the Contractor as indicated above, the
(Insert name and address of Surety)

SureTec Insurance Company
1330 Post Oak Boulevard, Suite 1100
Houston, TX 77056

, SURETY,

on bond of
(Insert name and address of Contractor)

JET Construction, Inc.
1711 Prospect Avenue
Pascagoula, MS 39567

, CONTRACTOR,

hereby approves of the final payment to the Contractor, and agrees that final payment to the Contractor shall not relieve the Surety of
any of its obligations to
(Insert name and address of Owner)

City of Hattiesburg
200 Forrest Street
Hattiesburg, MS

, OWNER,

as set forth in said Surety's bond.

IN WITNESS WHEREOF, the Surety has hereunto set its hand on this date: August 9, 2017
(Insert in writing the month followed by the numeric date and year.)

SureTec Insurance Company

(Surety)

By:

(Signature of authorized representative)

Stephen Wesley Price, Jr. Attorney-in-Fact

(Printed name and title)

Resident MS Agent Bottrell Insurance

Attest:

(Seal):

Brody Buckley

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint Stephen Wesley Price, Jr. Jackson, MS

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for:

Surety Bond No.: 4389507

Principal: JET Construction, Inc.

Obligee: City of Hattiesburg

Amount: See Bond Form

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted at a meeting held on 20th of April, 1999.)

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 6th day of April, A.D. 2017.

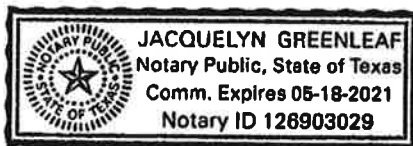


SURETEC INSURANCE COMPANY

By: John Knox, Jr., President

State of Texas ss:
County of Harris

On this 6th day of April, A.D. 2017 before me personally came John Knox, Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.



Jacquelyn Greenleaf
Jacquelyn Greenleaf, Notary Public
My commission expires May 18, 2021

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 9th day of August, 2017, A.D.

M. Brent Beaty
M. Brent Beaty, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity.
For verification of the authority of this power you may call (713) 812-0800 any business day between 8:00 am and 5:00 pm CST.

LPA PROJECT

CERTIFICATION OF PAYMENTS TO DBE FIRMS

PROJECT NUMBER: HPP-0210-00(029) COUNTY: Forrest County, Mississippi
LPA/105214801
PRIME CONTRACTOR: JET Construction Inc
ADDRESS 1711 Propsect Avenue, Pascagoula, MS 39567

THIS IS TO CERTIFY THAT PAYMENT IN FULL HAS BEEN MADE TO ALL DBE FIRMS UTILIZED OVER THE LIFE OF THE CONTRACT FOR WORK PERFORMED OR MATERIALS PURCHASED. (INCLUDE RETAINAGE) IF THE DBE FIRM WAS ORIGINALLY LISTED TO MEET A GOAL, PLEASE PROVIDE THE ORIGINAL COMMITMENT AMOUNT. THE COMMITMENT AMOUNT CAN BE FOUND ON THE OCR-481-LPA FORM THAT IS A PART OF THE CONTRACT DOCUMENT.

FIRM NAME	R/N	R/C	COMMITMENT	Paid
Traffic Control Products- Subcontract	X		41,705.55	42,663.40
Traffic Control Products- Materials*	X		24,522.00	37,436.64
* 60% Material Credit of \$62,394.00				
			TOTAL PAID :	80,100.04
			CONTRACT TOTAL:	1,310,486.72
			% TOTAL BID :	6.11%

SUBMITTED BY :

Joseph E. Talley Jr, Vice President

TITLE :

8/9/17

DATE :

INSTRUCTION:

SUBMIT THIS OCR-482-LPA FORM TO LPA PROJECT
DIRECTOR WHEN ALL WORK IS COMPLETED.

DBE GOAL WAS: 5%

APPROVED BY:

DATE :

If the paid amount is less than the commitment
amount, please provide an explanation for the
under-payment

DISTRIBUTION:

MDOT OFFICE OF CIVIL RIGHTS (DBE COORDINATOR)
P.O. BOX 1850
JACKSON, MS. 39215

LPA-001 v 1.2

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

HPP-0210-00(029)/105214801

Revised Apr. 02, 2009

Contractor's Estimate - Recap Sheet

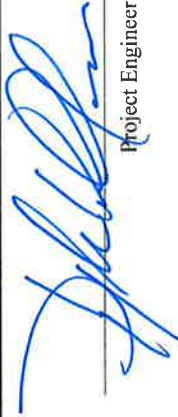
Printed: 08/07/2017 09:15 am

Vendor Number	3100021448 0	Completion Date	00/00/0000
Contract ID	LHPP021000029	Time Units / Days to be Allowed	130.00
In Account With	City of Hattiesburg PO Box 1898, Hattiesburg, MS, 39403		
FMS Contract Number	OG00001001		
Estimate Number	0009 FINAL	Period	01/25/2017 Thru
Project County: FORREST (18)		Current Period	Previous Estimate
Project Number: 105214801000 [HPP-0210-00(029)/105214801]			Total Allowed to Date
Total Cost (Participating)		\$37,854.60	\$1,272,632.13
Total Cost		\$37,854.60	\$1,272,632.13
Project Total		\$37,854.60	\$1,272,632.13
% Matching Funds Deduction for LPA 20.00000 %		(\$7,570.92)	(\$254,526.43)
Total Net Amount Owed to LPA		\$30,283.68	\$1,018,105.70
Total Contract Net Work Due		\$30,283.68	\$1,018,105.70
Time Units / Days Used		0.386000	76.597000
Contract % Complete (Dollars)		2.89 %	97.11 %
Contract % Elapsed Time		0.510000%	102.130000%

Quantities Checked

Original Signed

Wallace, Kyle (16-83)



Project Engineer

LPA Official:

Approved:

Chief Engineer by

Original Signed

Jeffrey C. Altman, P.E.

LPA Engineer

Completion Date: 00/00/0000

Calendar Days to be Allowed: 130.00

Total Contract Bid Amount: \$1,324,161.94

Total Contract Current Amount: \$1,310,486.72

Productive Days to be Allowed: 75.000000

Total Productive Days Assessed: 76.980000

Contract % Elapsed Time (Productive Days): 102.640000%

Progress of Project: 100.000000%

CAD002 v 1.6

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

HPP-0210-00(029)/105214801

Revised Oct. 10, 2008

Contractor's Estimate - Detail Sheet

Printed: 08/07/2017

Vendor Number	3100021448 0	Date Let	06/18/2015	MPC	Not Found				
Contract ID	LHPP021000029	Award Date	09/01/2015						
In Account With	City of Hattiesburg PO Box 1898, Hattiesburg, MS, 39403								
Surety	Default Surety For LPA Contract								
FMS CC Number	OG00001001								
Estimate Number	0009 FINAL	Period	01/25/2017 Thru 08/07/2017						
Project Number	105214801000 HPP-0210-00(029)/105214801 FORREST (18)								
Line No	Item Number	AC	Item	Total Quantities		Unit	Category	ROADWAY	
				Final Adjusted Contract Qty	Current			Allowed-to-Date	Current
I 0010	201-A001		Clearing and Grubbing	1.000	0.000	1.000	LS	0.00	18,000.00
I 0020	202-B005		Removal of Asphalt Pavement, All Depths	1,141.390	0.000	1,141.390	SY	3.60	4,109.00
I 0030	202-B030		Removal of Concrete Pavement, All Depths	45.000	0.000	45.000	SY	12.00	540.00
I 0040	202-B038		Removal of Curb, All Types	125.000	0.000	125.000	LF	12.00	1,500.00
I 0050	202-B057		Removal of Inlets, All Sizes	0.000	0.000	0.000	EA	1,200.00	0.00
I 0060	202-B064		Removal of Pipe, 8" And Above	117.000	30.000	117.000	LF	12.00	1,404.00
I 0070	202-B160		Removal of Existing Railroad Crossing	11.000	0.000	11.000	EA	1,560.00	0.00
I 0080	203-A003	E	Unclassified Excavation, FM, AH	2,417.000	0.000	2,417.000	CY	4.80	11,601.60
I 0090	203-EX017	E	Borrow Excavation, AH, FME, Class B9	0.000	0.000	0.000	CY	13.20	0.00
I 0100	203-G003	E	Excess Excavation, FM, AH	3,443.640	303.700	3,443.640	CY	6.00	20,661.84
I 0110	211-B001	E	Topsoil for Slope Treatment, Contractor Furnished	2,939.000	0.000	2,939.000	CY	16.80	49,375.20
I 0120	213-C001		Superphosphate	3.160	0.000	3.160	TON	1,506.00	0.00
I 0130	907-225-A001		Grassing	4.750	0.000	4.750	ACRE	2,400.00	0.00
I 0140	907-225-B001		Agricultural Limestone	17.380	0.000	17.380	TON	798.00	0.00
I 0150	907-225-C001		Mulch, Vegetative Mulch	12.640	0.000	12.640	TON	1,440.00	0.00
I 0160	907-226-A001		Temporary Grassing	0.000	0.000	0.000	ACRE	1,200.00	0.00
I 0170	234-A001		Temporary Silt Fence	4,429.000	0.000	4,429.000	LF	2.16	9,566.64
I 0180	907-237-A002		Wattles 12"	140.000	0.000	140.000	LF	3.78	529.20
I 0190	907-237-A003		Wattles, 20"	3,765.000	0.000	3,765.000	LF	4.32	16,264.80
I 0200	907-304-C005	GY	Granular Material, AEA, Class 9, Group C	1,832.600	57.780	1,832.600	CY	12.60	23,090.76
I 0210	907-304-F002	GT	Size 610 Crushed Stone Base	7,822.610	72.650	7,822.610	TON	44.40	3,225.66
I 0220	907-403-A017		9.5-mm, ST, Asphalt Pavement	2,063.500	0.000	2,063.500	TON	105.60	0.00
I 0230	907-403-A019		19-mm, ST, Asphalt Pavement	427.340	0.000	427.340	TON	106.80	0.00

Line No	Item Number	AC	Item	Total Quantities			Unit	Unit Price	Amount	
				Final Adjusted Contract Qty	Current	Allowed-to-Date			Current	Allowed-to-Date
1	0240	907-403-B012	9.5-mm, ST, Asphalt Pavement, Leveling	0.000	0.000	0.000	TON	106.80	0.00	0.00
1	0250	907-407-A001	Asphalt for Tack Coat	936.000	0.000	936.000	GAL	4.80	0.00	4,492.80
1	0260	406-A001	Cold Milling of Bituminous Pavement, All Depths	0.000	0.000	0.000	SY	3.60	0.00	0.00
1	0270	907-601-B003	Class "B" Structural Concrete, Minor Structures	20.961	0.000	20.961	CY	1,320.00	0.00	27,668.52
1	0280	602-A001	Reinforcing Steel	1,282.570	-33.120	1,282.570	LBS	2.40	-79.49	3,078.17
1	0290	603-CA087	12" Reinforced Concrete Pipe, Class III	16.000	0.000	16.000	LF	48.00	0.00	768.00
1	0300	603-CA088	18" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets	48.000	0.000	48.000	LF	52.20	0.00	2,505.60
1	0310	603-CA089	24" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets	8.000	8.000	8.000	LF	60.60	484.80	484.80
1	0320	603-CB001	18" Reinforced Concrete End Section	3.000	0.000	3.000	EA	780.00	0.00	2,340.00
1	0330	603-CB002	24" Reinforced Concrete End Section	1.000	0.000	1.000	EA	840.00	0.00	840.00
1	0340	603-CB014	15" Reinforced Concrete End Section	3.000	0.000	3.000	EA	720.00	0.00	2,160.00
1	0350	603-CE010	22" x 13" Concrete Arch Pipe, Class A IV	160.000	0.000	160.000	LF	55.86	0.00	8,937.60
1	0360	603-CF001	22" x 13" Concrete Arch Pipe End Section	12.000	0.000	12.000	EA	780.00	0.00	9,360.00
1	0370	907-603-PE205	18" Corrugated Polyethylene Pipe	380.000	0.000	380.000	LF	31.38	0.00	11,924.40
1	0380	907-603-PE206	24" Corrugated Polyethylene Pipe	461.000	0.000	461.000	LF	39.97	0.00	18,426.17
1	0390	907-603-PE211	12" Corrugated Polyethylene Pipe	0.000	0.000	0.000	LF	25.44	0.00	0.00
1	0400	907-603-PE212	15" Corrugated Polyethylene Pipe	140.000	0.000	140.000	LF	22.04	0.00	3,085.60
1	0410	907-603-PP001	Grate Inlet	16.000	0.000	16.000	EA	2,040.00	0.00	32,640.00
1	0420	604-A001	Castings	488.000	0.000	488.000	LBS	2.40	0.00	1,171.20
1	0430	604-B001	Gratings	400.000	0.000	400.000	LBS	2.40	0.00	960.00
1	0440	907-607-PP012	Fencing, Per Plans	550.000	0.000	550.000	LF	24.00	0.00	13,200.00
1	0450	608-A001	Concrete Sidewalk, Without Reinforcement	119.310	-0.460	119.310	SY	42.00	-19.32	5,011.02
1	0460	609-D001	Combination Concrete Curb and Gutter Type I	191.000	0.000	191.000	LF	18.00	0.00	3,438.00
1	0470	907-611-PP003	Detectable Warning, Per Plans	8.000	0.000	8.000	SF	30.00	0.00	240.00
1	0480	613-D010	Adjustment of Manhole Cover and Water Valve	1.000	0.000	1.000	EA	1,200.00	0.00	1,200.00
1	0500	619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	756.000	0.000	756.000	SF	6.00	0.00	4,536.00
1	0510	619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	819.000	0.000	819.000	SF	6.00	0.00	4,914.00
1	0520	619-G4005	Barricades, Type III, Double Faced	342.000	0.000	342.000	LF	12.00	0.00	4,104.00
1	0540	907-626-G004	Thermoplastic Detail Stripe, White	5,824.000	0.000	5,824.000	LF	1.38	0.00	8,037.12

Line No	Item Number	AC	Item	Total Quantities			Unit	Unit Price	Amount	
				Final Adjusted Contract Qty	Current	Allowed-to-Date			Current	Allowed-to-Date
1	0550	907-626-G005	Thermoplastic Detail Stripe, Yellow	3,784.000	0.000	3,784.000	LF	1.32	0.00	4,994.88
1	0560	907-626-H004	Thermoplastic Legend, White	400.000	0.000	400.000	LF	3.60	0.00	1,440.00
1	0570	907-626-H005	Thermoplastic Legend, White	2,447.900	0.000	2,447.900	SF	6.00	0.00	14,687.40
1	0580	630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	963.000	0.000	963.000	SF	25.20	0.00	24,267.60
1	0590	630-C001	Steel U-Section Posts, 2.0 lb/ft	1,476.000	0.000	1,476.000	LF	6.00	0.00	8,856.00
1	0610	607-B001	60" Type I Chain Link Fence, Class I	1,761.000	0.000	1,761.000	LF	15.60	0.00	27,471.60
1	8010	607-B017	96" Type I Chain Link Fence, Class I With Slats, S/A	5,915.000	592.000	5,915.000	LF	24.00	14,208.00	141,960.00
1	8020	201-C001	Random Clearing and Grubbing S/A	1.000	1.000	1.000	ACRE	9,234.00	9,234.00	9,234.00
1	8030	607-G500	Gate, 3' x 96' Chain Link With Slats, S/A	3.000	3.000	3.000	EA	650.00	1,950.00	1,950.00
				Total ROADWAY Items			31,913.88		1,243,286.73	
				Total Participating Direct Items			31,913.88		1,243,286.73	
				Total Non-Participating Direct Items			0.00		0.00	
Total Direct Items on Contract = 1,243,286.72							Total Direct Items		31,913.88	1,243,286.73
Dependent Items										
Part	Line No	Item Number	AC	Item	Total Quantities			Unit	Unit Price	Amount
					Contract Qty	Current	Allowed-to-Date			
1	0490	907-618-A001		Maintenance of Traffic	1.000000	0.1417	1.0000	LS	21,600.00	3,060.72
1	0530	620-A001		Mobilization	1.000000	0.0000	1.0000	LS	26,400.00	0.00
1	0600	907-699-A002		Roadway Construction Stakes	1.000000	0.1500	1.0000	LS	19,200.00	2,880.00
				Total Participating Dependent Items			5,940.72		67,200.00	
				Total Non-Participating Dependent Items			0.00		0.00	
				Total Dependent Items			5,940.72		67,200.00	
				Total Project Participating Construction Items			37,854.60		1,310,486.73	
				Total Project Non-Participating Construction Items			0.00		0.00	
				Total Project Construction Items			37,854.60		1,310,486.73	
Stockpiled Material Adjustments										
	Line No	Item Number	Item Description	Adjustment Description				Current	Allowed-to-Date	
				Total Participating Stockpiled Material Adjustments			0.00		0.00	
				Total Participating Costs (on CAD001)			37,854.60		1,310,486.73	
				Total Non-Participating Costs (on CAD001)			0.00		0.00	
Project: 105214801000 HPP-0210-00(029)/105214801				Total Costs (on CAD001)			37,854.60		1,310,486.73	

Fuel And Material Adjustments					
Line No	Item Number	Item Description	Adjustment Description	Price Difference	Current
			Total Participating Fuel And Material Adjustments		0.00
			Total Non-Participating Fuel And Material Adjustments		0.00
			Total Fuel And Material Adjustments		0.00
			Total Contract Net Work Due (on CAD001)		37,854.60
			Total Construction Cost on Contract = 1,310,486.72		1,310,486.73

NOTICE OF FINAL SETTLEMENT

NOTICE is hereby given that the contract between the City of Hattiesburg, Mississippi, as Owner and JET Construction, Inc. dated September 17, 2015, for the Longleaf Trace Phase III project, as per approved plans and specification on file in the City Clerk's Office, has been fully and completely performed and exercised, and that final settlement thereof and thereunder will be made.

THIS NOTICE is given pursuant to and under the terms and provisions of Section 31-5-53, Mississippi Code of 1972, annotated as amended and pursuant to the authority conferred by Order of the Mayor and City Council of Hattiesburg, Mississippi, appearing for record upon and as part of the official minutes of said City of Hattiesburg.

WITNESS my signature and the official seal of said City, on this the 22nd day of August, 2017, A.D.

CITY OF HATTIESBURG, MISSISSIPPI

BY: 

CITY CLERK

(S E A L)

Publish (1) Sunday, August 27th, 2017
Return PROOF to City Clerk's Office
P O Box 1898
Hattiesburg, MS 39403

LPA-001 v 1.2

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

HPP-0210-00(029)/105214801

Revised Apr. 02, 2009

Contractor's Estimate - Recap Sheet

Printed: 08/07/2017 09:15 am

Vendor Number	3100021448 0	Completion Date	00/00/0000
Contract ID	LHPP021000029	Time Units / Days to be Allowed	130.00
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Estimate Number	0009 FINAL	Period	01/25/2017 Thru
Project County: FORREST (18)		Current Period	Previous Estimate
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Contract % Complete (Dollars)		2.89 %	97.11 %
Contract % Elapsed Time		0.510000%	102.130000%

Quantities Checked

Original Signed

Wallace, Kyle (16-83)

Project Engineer

LPA Official:

Approved:

Chief Engineer by

Original Signed

Jeffrey C. Altman, P.E

LPA Engineer

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Progress of Project: 100.000000%

CAD002 v 1.6
Revised Oct. 10, 2008

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
Contractor's Estimate - Detail Sheet

HPF-0210-00(029)/105214801

Printed: 08/07/2017

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Surety	Default Surety For LPA Contract									
FMS CC Number	OG000001001									
Estimate Number	0009 FINAL			Period	01/25/2017 Thru 08/07/2017					
Project Number	105214801000 HPP-0210-00(029)/105214801 FORREST (18)			Category	ROADWAY					
Line No	Item Number	AC	Item	Total Quantities			Unit	Unit Price	Amount	
				Final Adjusted Contract Qty	Current	Allowed-to-Date			Current	Allowed-to-Date
1	0010	201-A001	Clearing and Grubbing	1.000	0.000	1.000	LS	18,000.00	0.00	18,000.00
1	0020	202-B005	Removal of Asphalt Pavement, All Depths	1,141.390	0.000	1,141.390	SY	3.60	0.00	4,109.00
1	0030	202-B030	Removal of Concrete Pavement, All Depths	45.000	0.000	45.000	SY	12.00	0.00	540.00
1	0040	202-B038	Removal of Curb, All Types	125.000	0.000	125.000	LF	12.00	0.00	1,500.00
1	0050	202-B057	Removal of Inlets, All Sizes	0.000	0.000	0.000	EA	1,200.00	0.00	0.00
1	0060	202-B064	Removal of Pipe, 8" And Above	117.000	30.000	117.000	LF	12.00	360.00	1,404.00
1	0070	202-B160	Removal of Existing Railroad Crossing	11.000	0.000	11.000	EA	1,560.00	0.00	17,160.00
1	0080	203-A003	Unclassified Excavation, FM, AH	2,417.000	0.000	2,417.000	CY	4.80	0.00	11,601.60
1	0090	203-EX017	Borrow Excavation, AH, FME, Class B9	0.000	0.000	0.000	CY	13.20	0.00	0.00
1	0100	203-G003	Excess Excavation, FM, AH	3,443.640	303.700	3,443.640	CY	6.00	1,822.20	20,661.84
1	0110	211-B001	Topsoil for Slope Treatment, Contractor Furnished	2,939.000	0.000	2,939.000	CY	16.80	0.00	49,375.20
1	0120	213-C001	Superphosphate	3.160	0.000	3.160	TON	1,506.00	0.00	4,758.96
1	0130	907-225-A001	Grassing	4.750	0.000	4.750	ACRE	2,400.00	0.00	11,400.00
1	0140	907-225-B001	Agricultural Limestone	17.380	0.000	17.380	TON	798.00	0.00	13,869.24
1	0150	907-225-C001	Mulch, Vegetative Mulch	12.640	0.000	12.640	TON	1,440.00	0.00	18,201.60
1	0160	907-226-A001	Temporary Grassing	0.000	0.000	0.000	ACRE	1,200.00	0.00	0.00
1	0170	234-A001	Temporary Silt Fence	4,429.000	0.000	4,429.000	LF	2.16	0.00	9,566.64
1	0180	907-237-A002	Wattles 12"	140.000	0.000	140.000	LF	3.78	0.00	529.20
1	0190	907-237-A003	Wattles, 20"	3,765.000	0.000	3,765.000	LF	4.32	0.00	16,264.80
1	0200	907-304-C005	Granular Material, AEA, Class 9, Group C	1,832.600	57.780	1,832.600	CY	12.60	728.03	23,090.76
1	0210	907-304-F002	Size 610 Crushed Stone Base	7,822.610	72.650	7,822.610	TON	44.40	3,225.66	347,323.89
1	0220	907-403-A017	9.5-mm, ST, Asphalt Pavement	2,063.500	0.000	2,063.500	TON	105.60	0.00	217,905.61
1	0230	907-403-A019	19-mm, ST, Asphalt Pavement	427.340	0.000	427.340	TON	106.80	0.00	45,639.91

Line No	Item Number	AC	Item	Total Quantities			Unit	Unit Price	Amount	
				Final Adjusted Contract Qty	Current	Allowed-to-Date			Current	Allowed-to-Date
1	0240	907-403-B012	9.5-mm, ST, Asphalt Pavement, Leveling	0.000	0.000	0.000	TON	106.80	0.00	0.00
1	0250	907-407-A001	Asphalt for Tack Coat	936.000	0.000	936.000	GAL	4.80	0.00	4,492.80
1	0260	406-A001	Cold Milling of Bituminous Pavement, All Depths	0.000	0.000	0.000	SY	3.60	0.00	0.00
1	0270	907-601-B003	Class "B" Structural Concrete, Minor Structures	20.961	0.000	20.961	CY	1,320.00	0.00	27,668.52
1	0280	602-A001	Reinforcing Steel	1,282.570	-33.120	1,282.570	LBS	2.40	-79.49	3,078.17
1	0290	603-CA087	12" Reinforced Concrete Pipe, Class III	16.000	0.000	16.000	LF	48.00	0.00	768.00
1	0300	603-CA088	18" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets	48.000	0.000	48.000	LF	52.20	0.00	2,505.60
1	0310	603-CA089	24" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets	8.000	8.000	8.000	LF	60.60	484.80	484.80
1	0320	603-CB001	18" Reinforced Concrete End Section	3.000	0.000	3.000	EA	780.00	0.00	2,340.00
1	0330	603-CB002	24" Reinforced Concrete End Section	1.000	0.000	1.000	EA	840.00	0.00	840.00
1	0340	603-CB014	15" Reinforced Concrete End Section	3.000	0.000	3.000	EA	720.00	0.00	2,160.00
1	0350	603-CE010	22" x 13" Concrete Arch Pipe, Class A IV	160.000	0.000	160.000	LF	55.86	0.00	8,937.60
1	0360	603-CF001	22" x 13" Concrete Arch Pipe End Section	12.000	0.000	12.000	EA	780.00	0.00	9,360.00
1	0370	907-603-PE205	18" Corrugated Polyethylene Pipe	380.000	0.000	380.000	LF	31.38	0.00	11,924.40
1	0380	907-603-PE206	24" Corrugated Polyethylene Pipe	461.000	0.000	461.000	LF	39.97	0.00	18,426.17
1	0390	907-603-PE211	12" Corrugated Polyethylene Pipe	0.000	0.000	0.000	LF	25.44	0.00	0.00
1	0400	907-603-PE212	15" Corrugated Polyethylene Pipe	140.000	0.000	140.000	LF	22.04	0.00	3,085.60
1	0410	907-603-PP001	Grate Inlet	16.000	0.000	16.000	EA	2,040.00	0.00	32,640.00
1	0420	604-A001	Castings	488.000	0.000	488.000	LBS	2.40	0.00	1,171.20
1	0430	604-B001	Gratings	400.000	0.000	400.000	LBS	2.40	0.00	960.00
1	0440	907-607-PP012	Fencing, Per Plans	550.000	0.000	550.000	LF	24.00	0.00	13,200.00
1	0450	608-A001	Concrete Sidewalk, Without Reinforcement	119.310	-0.460	119.310	SY	42.00	-19.32	5,011.02
1	0460	609-D001	Combination Concrete Curb and Gutter Type I	191.000	0.000	191.000	LF	18.00	0.00	3,438.00
1	0470	907-611-PP003	Detectable Warning, Per Plans	8.000	0.000	8.000	SF	30.00	0.00	240.00
1	0480	613-D010	Adjustment of Manhole Cover and Water Valve	1.000	0.000	1.000	EA	1,200.00	0.00	1,200.00
1	0500	619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	756.000	0.000	756.000	SF	6.00	0.00	4,536.00
1	0510	619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	819.000	0.000	819.000	SF	6.00	0.00	4,914.00
1	0520	619-G4005	Baricades, Type III, Double Faced	342.000	0.000	342.000	LF	12.00	0.00	4,104.00
1	0540	907-626-G004	Thermoplastic Detail Stripe, White	5,824.000	0.000	5,824.000	LF	1.38	0.00	8,037.12

Line No	Item Number	AC	Item	Total Quantities			Unit	Unit Price	Amount	
				Final Adjusted Contract Qty	Current	Allowed-to-Date			Current	Allowed-to-Date
1	0550	907-626-G005	Thermoplastic Detail Stripe, Yellow	3,784.000	0.000	3,784.000	LF	1.32	0.00	4,994.88
1	0560	907-626-H004	Thermoplastic Legend, White	400.000	0.000	400.000	LF	3.60	0.00	1,440.00
1	0570	907-626-H005	Thermoplastic Legend, White	2,447.900	0.000	2,447.900	SF	6.00	0.00	14,687.40
1	0580	630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	963.000	0.000	963.000	SF	25.20	0.00	24,267.60
1	0590	630-C001	Steel U-Section Posts, 2.0 lb/ft	1,476.000	0.000	1,476.000	LF	6.00	0.00	8,856.00
1	0610	607-B001	60" Type I Chain Link Fence, Class I	1,761.000	0.000	1,761.000	LF	15.60	0.00	27,471.60
1	8010	607-B017	96" Type I Chain Link Fence, Class I With Slats, S/A	5,915.000	592.000	5,915.000	LF	24.00	14,208.00	141,960.00
1	8020	201-C001	Random Clearing and Grubbing S/A	1.000	1.000	1.000	ACRE	9,234.00	9,234.00	9,234.00
1	8030	607-G500	Gate, 3' x 96' Chain Link With Slats, S/A	3.000	3.000	3.000	EA	650.00	1,950.00	1,950.00
				Total ROADWAY Items						
				Total Participating Direct Items						
				31,913.88						
				1,243,286.73						
				Total Non-Participating Direct Items						
				0.00						
				Total Direct Items						
				31,913.88						
				1,243,286.72						
Dependent Items										
Part Line No	Item Number	AC	Item	Total Quantities			Unit	Unit Price	Amount	
				Contract Qty	Current	Allowed-to-Date			Current	Allowed-to-Date
1	0490	907-618-A001	Maintenance of Traffic	1.000000	0.1417	1.0000	LS	21,600.00	3,060.72	21,600.00
1	0530	620-A001	Mobilization	1.000000	0.0000	1.0000	LS	26,400.00	0.00	26,400.00
1	0600	907-699-A002	Roadway Construction Stakes	1.000000	0.1500	1.0000	LS	19,200.00	2,880.00	19,200.00
				Total Participating Dependent Items						
				5,940.72						
				Total Non-Participating Dependent Items						
				0.00						
				Total Dependent Items						
				5,940.72						
				Total Project Participating Construction Items						
				37,854.60						
				1,310,486.73						
				Total Project Non-Participating Construction Items						
				0.00						
				Total Project Construction Items						
				37,854.60						
				1,310,486.73						
Stockpiled Material Adjustments										
Line No	Item Number	Item Description		Adjustment Description		Current	Allowed-to-Date			
Total Participating Stockpiled Material Adjustments										
0.00										
Total Participating Costs (on CAD001)										
37,854.60										
1,310,486.73										
Total Non-Participating Costs (on CAD001)										
0.00										
Total Costs (on CAD001)										
37,854.60										
1,310,486.73										

Project: 105214801000 | HPP-0210-00(029)/105214801

Fuel And Material Adjustments						
Line No	Item Number	Item Description	Adjustment Description	Price Difference	Current	Allowed-to-Date
Total Participating Fuel And Material Adjustments					0.00	0.00
Total Non-Participating Fuel And Material Adjustments					0.00	0.00
Total Fuel And Material Adjustments					0.00	0.00
Total Construction Cost on Contract = 1,310,486.72						
Total Contract Net Work Due (on CAD001)					37,854.60	1,310,486.73



Engineering Progress

August 14, 2017

City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39403

Attn: Lamar Rutland, P.E.

Re: Longleaf Trace Phase III
HPP-0210-00(029)LPA/105214-801000

Dear Mr. Rutland:

Enclosed please find four (4) originals of Construction Estimate No. 9-FINAL for the referenced project for payment. Please execute and return four (4) originals to Shows, Dearman & Waits, Inc. for further processing.

At this time the Contractor, JET Construction, Inc., is due \$37,854.60 for the progress made towards completing the work since the last estimate.

Also attached for closeout of the project are the following documents:

1. Consent of Surety to Final Payment
2. Consent of Contractor to Final Payment
3. Certification of Payment to DBE Firms

Should you have any questions or comments, please do not hesitate to contact us.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Kyle Wallace', is written over a horizontal line.

Kyle Wallace, P.E.
Project Engineer

/kw

Enclosures



MAYOR
Toby Barker

COUNCIL - WARD ONE
Jeffrey George

COUNCIL - WARD TWO
Deborah Denard Delgado

COUNCIL - WARD THREE
Carter Carroll

COUNCIL - WARD FOUR
Mary Dryden

COUNCIL - WARD FIVE
Nicholas Brown

August 7, 2017

JET Construction, Inc.
1711 Prospect Avenue
Pascagoula, MS 39567

Dear Mr. Talley,

Based on the attached final estimate, we are prepared to issue final payment in the amount of \$37,854.60.

HPP-0210-00(029)/105214801

Forrest County

\$37,854.60

If you agree that this is the correct amount for Full and Final Settlement of all amounts due or claims under or arising out of the contract, please have an officer of your company authorized with us to sign contracts provide their signature and one witness signature below:

Signature of Authorized Officer
Joseph E. Talley Jr. Vice President

Signature of Witness
Mary L. Johnson. Witness

Jet Construction Inc
Company Name

August 9, 2017
Date

Please return this completed document as four (4) originals for further processing to the address below:

City of Hattiesburg
C/O Lamar Rutland – City Engineer
P. O. Box 1898
Hattiesburg, MS 39403

Once received, we will process the final estimate to our Financial Management Division for payment in the amount of \$37,854.60.

If you have any questions, please contact Lamar Rutland at 601.545.4540.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Toby Barker', with a stylized flourish extending to the right.

Toby Barker
Mayor

Cc: State LPA Engineer – MDOT 77-01

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

HPP-0210-00(029)/105214801

Printed: 08/07/2017 09:15 am

Contractor's Estimate - Recap Sheet

Vendor Number	3100021448 0	Completion Date	00/00/0000
Contract ID	LHPP021000029	Time Units / Days to be Allowed	130.00
In Account With	City of Hattiesburg PO Box 1898, Hattiesburg, MS, 39403		
FMS Contract Number	OG00001001		
Estimate Number	0009 FINAL	Period	01/25/2017 Thru
Project County: FORREST (18)		Current Period	Previous Estimate
Project Number: 105214801000 [HPP-0210-00(029)/105214801]			
Total Cost (Participating)			\$1,272,632.13
Total Cost			\$1,272,632.13
Project Total			\$1,272,632.13
% Matching Funds Deduction for LPA 20.000000 %			(\$254,526.43)
Total Net Amount Owed to LPA			\$1,018,105.70
Total Contract Net Work Due			\$1,018,105.70
Time Units / Days Used			76.597000
Contract % Complete (Dollars)			97.11 %
Contract % Elapsed Time			102.1300000%
			102.6400000%

Quantities Checked

Original Signed

Wallace, Kyle (16-83)

Project Engineer

LPA Official:

Approved:

Chief Engineer by

Original Signed

Jeffrey C. Altman, P.E

LPA Engineer

Completion Date: 00/00/0000

Calendar Days to be Allowed: 130.00

Total Contract Bid Amount: \$1,324,161.94

Total Contract Current Amount: \$1,310,486.72

Productive Days to be Allowed: 75.000000

Total Productive Days Assessed: 76.980000

Contract % Elapsed Time (Productive Days): 102.6400000%

Progress of Project: 100.0000000%

CAD002 v 1.6

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

HPP-0210-00(029)/105214801

Revised Oct. 10, 2008

Contractor's Estimate - Detail Sheet

Printed: 08/07/2017

Vendor Number	3100021448 0		Date Let	06/18/2015	MPC	Not Found			
Contract ID	LHPP021000029		Award Date	09/01/2015					
In Account With	City of Hattiesburg PO Box 1898, Hattiesburg, MS, 39403								
Surety	Default Surety For LPA Contract								
FMS CC Number	OG00001001								
Estimate Number	0009 FINAL		Period	01/25/2017 Thru 08/07/2017					
Project Number	105214801000 HPP-0210-00(029)/105214801 FORREST (18)			ROADWAY					
Line No	Item Number	AC	Item	Total Quantities		Unit	Unit Price	Amount	
				Final Adjusted Contract Qty	Current			Allowed-to-Date	Current
1	0010	201-A001		1.000	0.000	1.000	18,000.00	0.00	18,000.00
1	0020	202-B005		1,141.390	0.000	1,141.390	3.60	0.00	4,109.00
1	0030	202-B030		45.000	0.000	45.000	12.00	0.00	540.00
1	0040	202-B038		125.000	0.000	125.000	12.00	0.00	1,500.00
1	0050	202-B057		0.000	0.000	0.000	1,200.00	0.00	0.00
1	0060	202-B064		117.000	30.000	117.000	12.00	360.00	1,404.00
1	0070	202-B160		11.000	0.000	11.000	1,560.00	0.00	17,160.00
1	0080	203-A003	E	2,417.000	0.000	2,417.000	4.80	0.00	11,601.60
1	0090	203-EX017	E	0.000	0.000	0.000	13.20	0.00	0.00
1	0100	203-G003	E	3,443.640	303.700	3,443.640	6.00	1,822.20	20,661.84
1	0110	211-B001	E	2,939.000	0.000	2,939.000	16.80	0.00	49,375.20
1	0120	213-C001		3.160	0.000	3.160	1,506.00	0.00	4,758.96
1	0130	907-225-A001		4.750	0.000	4.750	2,400.00	0.00	11,400.00
1	0140	907-225-B001		17.380	0.000	17.380	798.00	0.00	13,869.24
1	0150	907-225-C001		12.640	0.000	12.640	1,440.00	0.00	18,201.60
1	0160	907-226-A001		0.000	0.000	0.000	1,200.00	0.00	0.00
1	0170	234-A001		4,429.000	0.000	4,429.000	2.16	0.00	9,566.64
1	0180	907-237-A002		140.000	0.000	140.000	3.78	0.00	529.20
1	0190	907-237-A003		3,765.000	0.000	3,765.000	4.32	0.00	16,264.80
1	0200	907-304-C005	GY	1,832.600	57.780	1,832.600	12.60	728.03	23,090.76
1	0210	907-304-F002	GT	7,822.610	72.650	7,822.610	44.40	3,225.66	347,323.89
1	0220	907-403-A017		2,063.500	0.000	2,063.500	105.60	0.00	217,905.61
1	0230	907-403-A019		427.340	0.000	427.340	106.80	0.00	45,639.91

Line No	Item Number	AC	Item	Total Quantities			Unit	Unit Price	Amount	
				Final Adjusted Contract Qty	Current	Allowed-to-Date			Current	Allowed-to-Date
1	0240	907-403-B012	9.5-mm, ST, Asphalt Pavement, Leveling	0.000	0.000	0.000	TON	106.80	0.00	0.00
1	0250	907-407-A001	Asphalt for Tack Coat	936.000	0.000	936.000	GAL	4.80	0.00	4,492.80
1	0260	406-A001	Cold Milling of Bituminous Pavement, All Depths	0.000	0.000	0.000	SY	3.60	0.00	0.00
1	0270	907-601-B003	Class "B" Structural Concrete, Minor Structures	20.961	0.000	20.961	CY	1,320.00	0.00	27,668.52
1	0280	602-A001	Reinforcing Steel	1,282.570	-33.120	1,282.570	LBS	2.40	-79.49	3,078.17
1	0290	603-CA087	12" Reinforced Concrete Pipe, Class III	16.000	0.000	16.000	LF	48.00	0.00	768.00
1	0300	603-CA088	18" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets	48.000	0.000	48.000	LF	52.20	0.00	2,505.60
1	0310	603-CA089	24" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets	8.000	8.000	8.000	LF	60.60	484.80	484.80
1	0320	603-CB001	18" Reinforced Concrete End Section	3.000	0.000	3.000	EA	780.00	0.00	2,340.00
1	0330	603-CB002	24" Reinforced Concrete End Section	1.000	0.000	1.000	EA	840.00	0.00	840.00
1	0340	603-CB014	15" Reinforced Concrete End Section	3.000	0.000	3.000	EA	720.00	0.00	2,160.00
1	0350	603-CE010	22" x 13" Concrete Arch Pipe, Class A IV	160.000	0.000	160.000	LF	55.86	0.00	8,937.60
1	0360	603-CF001	22" x 13" Concrete Arch Pipe End Section	12.000	0.000	12.000	EA	780.00	0.00	9,360.00
1	0370	907-603-PE205	18" Corrugated Polyethylene Pipe	380.000	0.000	380.000	LF	31.38	0.00	11,924.40
1	0380	907-603-PE206	24" Corrugated Polyethylene Pipe	461.000	0.000	461.000	LF	39.97	0.00	18,426.17
1	0390	907-603-PE211	12" Corrugated Polyethylene Pipe	0.000	0.000	0.000	LF	25.44	0.00	0.00
1	0400	907-603-PE212	15" Corrugated Polyethylene Pipe	140.000	0.000	140.000	LF	22.04	0.00	3,085.60
1	0410	907-603-PP001	Grate Inlet	16.000	0.000	16.000	EA	2,040.00	0.00	32,640.00
1	0420	604-A001	Castings	488.000	0.000	488.000	LBS	2.40	0.00	1,171.20
1	0430	604-B001	Gratings	400.000	0.000	400.000	LBS	2.40	0.00	960.00
1	0440	907-607-PP012	Fencing, Per Plans	550.000	0.000	550.000	LF	24.00	0.00	13,200.00
1	0450	608-A001	Concrete Sidewalk, Without Reinforcement	119.310	-0.460	119.310	SY	42.00	-19.32	5,011.02
1	0460	609-D001	Combination Concrete Curb and Gutter Type 1	191.000	0.000	191.000	LF	18.00	0.00	3,438.00
1	0470	907-611-PP003	Detectable Warning, Per Plans	8.000	0.000	8.000	SF	30.00	0.00	240.00
1	0480	613-D010	Adjustment of Manhole Cover and Water Valve	1.000	0.000	1.000	EA	1,200.00	0.00	1,200.00
1	0500	619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	756.000	0.000	756.000	SF	6.00	0.00	4,536.00
1	0510	619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	819.000	0.000	819.000	SF	6.00	0.00	4,914.00
1	0520	619-G4005	Barricades, Type III, Double Faced	342.000	0.000	342.000	LF	12.00	0.00	4,104.00
1	0540	907-626-G004	Thermoplastic Detail Stripe, White	5,824.000	0.000	5,824.000	LF	1.38	0.00	8,037.12

		Line No	Item Number	AC	Item	Total Quantities			Unit	Unit Price	Amount	
						Final Adjusted Contract Qty	Current	Allowed-to-Date			Current	Allowed-to-Date
	1	0550	907-626-G005		Thermoplastic Detail Stripe, Yellow	3,784.000	0.000	3,784.000	LF	1.32	0.00	4,994.88
	1	0560	907-626-H004		Thermoplastic Legend, White	400.000	0.000	400.000	LF	3.60	0.00	1,440.00
	1	0570	907-626-H005		Thermoplastic Legend, White	2,447.900	0.000	2,447.900	SF	6.00	0.00	14,687.40
	1	0580	630-A001		Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	963.000	0.000	963.000	SF	25.20	0.00	24,267.60
	1	0590	630-C001		Steel U-Section Posts, 2.0 lb/ft	1,476.000	0.000	1,476.000	LF	6.00	0.00	8,856.00
	1	0610	607-B001		60" Type I Chain Link Fence, Class I	1,761.000	0.000	1,761.000	LF	15.60	0.00	27,471.60
	1	8010	607-B017		96" Type I Chain Link Fence, Class I With Slats, S/A	5,915.000	592.000	5,915.000	LF	24.00	14,208.00	141,960.00
	1	8020	201-C001		Random Clearing and Grubbing S/A	1.000	1.000	1.000	ACRE	9,234.00	9,234.00	9,234.00
	1	8030	607-G500		Gate, 3' x 96' Chain Link With Slats, S/A	3.000	3.000	3.000	EA	650.00	1,950.00	1,950.00
						Total ROADWAY Items					31,913.88	1,243,286.73
						Total Participating Direct Items					31,913.88	1,243,286.73
						Total Non-Participating Direct Items					0.00	0.00
Total Direct Items on Contract = 1,243,286.72						Total Direct Items					31,913.88	1,243,286.73
Dependent Items												
Part	Line No	Item Number	AC	Item		Total Quantities			Unit	Unit Price	Amount	
						Contract Qty	Current	Allowed-to-Date			Current	Allowed-to-Date
	1	0490	907-618-A001		Maintenance of Traffic	1.000000	0.1417	1.00000	LS	21,600.00	3,060.72	21,600.00
	1	0530	620-A001		Mobilization	1.000000	0.0000	1.00000	LS	26,400.00	0.00	26,400.00
	1	0600	907-699-A002		Roadway Construction Stakes	1.000000	0.1500	1.00000	LS	19,200.00	2,880.00	19,200.00
						Total Participating Dependent Items					5,940.72	67,200.00
						Total Non-Participating Dependent Items					0.00	0.00
						Total Dependent Items					5,940.72	67,200.00
						Total Project Participating Construction Items					37,854.60	1,310,486.73
						Total Project Non-Participating Construction Items					0.00	0.00
						Total Project Construction Items					37,854.60	1,310,486.73
Stockpiled Material Adjustments												
		Line No	Item Number		Item Description	Adjustment Description				Current	Allowed-to-Date	
						Total Participating Stockpiled Material Adjustments				0.00	0.00	0.00
						Total Participating Costs (on CAD001)				37,854.60	1,310,486.73	
						Total Non-Participating Costs (on CAD001)				0.00	0.00	0.00
Project: 105214801000 HPP-0210-00(029)/105214801						Total Costs (on CAD001)				37,854.60	1,310,486.73	

Fuel And Material Adjustments						
Line No	Item Number	Item Description	Adjustment Description	Price Difference	Current	Allowed-to-Date
Total Participating Fuel And Material Adjustments						
					0.00	0.00
Total Non-Participating Fuel And Material Adjustments						
					0.00	0.00
Total Fuel And Material Adjustments						
					0.00	0.00
Total Construction Cost on Contract = 1,310,486.72					37,854.60	1,310,486.73
Total Contract Net Work Due (on CAD001)						

**CONSENT OF SURETY
TO FINAL PAYMENT**

AIA Document G707

Bond No. 4389507

OWNER	☐
ARCHITECT	☐
CONTRACTOR	☐
SURETY	☒
OTHER	☐

TO OWNER:
(Name and address)

City of Hattiesburg
200 Forrest Street
Hattiesburg, MS

PROJECT:
(Name and address)

Longleaf Trace - Phase III, Federal Aid Project No. HPP-0210-00(015)LPA/105214-801000

ARCHITECT'S PROJECT NO.:

CONTRACT FOR: Same as Below

CONTRACT DATED:

In accordance with the provisions of the Contract between the Owner and the Contractor as indicated above, the
(Insert name and address of Surety)

SureTec Insurance Company
1330 Post Oak Boulevard, Suite 1100
Houston, TX 77056

, SURETY,

on bond of
(Insert name and address of Contractor)

JET Construction, Inc.
1711 Prospect Avenue
Pascagoula, MS 39567

, CONTRACTOR,

hereby approves of the final payment to the Contractor, and agrees that final payment to the Contractor shall not relieve the Surety of
any of its obligations to
(Insert name and address of Owner)

City of Hattiesburg
200 Forrest Street
Hattiesburg, MS

, OWNER,

as set forth in said Surety's bond.

IN WITNESS WHEREOF, the Surety has hereunto set its hand on this date: August 9, 2017
(Insert in writing the month followed by the numeric date and year.)

SureTec Insurance Company

(Surety)

By:

(Signature of authorized representative)

Stephen Wesley Price, Jr. Attorney-in-Fact

(Printed name and title)

Resident MS Agent Bottrell Insurance

Attest:
(Seal):

Brody Buckley

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint Stephen Wesley Price, Jr. Jackson, MS

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for:

Surety Bond No.: 4389507

Principal: JET Construction, Inc.

Obligee: City of Hattiesburg

Amount: See Bond Form

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted at a meeting held on 20th of April, 1999.)

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 6th day of April, A.D. 2017.

State of Texas
County of Harris

ss:

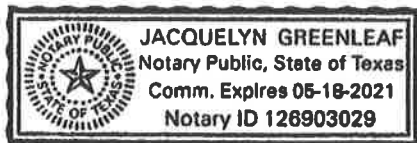


SURETEC INSURANCE COMPANY

By:

John Knox, Jr., President

On this 6th day of April, A.D. 2017 before me personally came John Knox, Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.



Jacquelyn Greenleaf, Notary Public
My commission expires May 18, 2021

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 9th day of August 2017, A.D.

M. Brent Beaty, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity.
For verification of the authority of this power you may call (713) 812-0800 any business day between 8:00 am and 5:00 pm CST.

LPA PROJECT

CERTIFICATION OF PAYMENTS TO DBE FIRMS

PROJECT NUMBER: HPP-0210-00(029) COUNTY: Forrest County, Mississippi
LPA/105214801
PRIME CONTRACTOR: JET Construction Inc
ADDRESS 1711 Propsect Avenue, Pascagoula, MS 39567

THIS IS TO CERTIFY THAT PAYMENT IN FULL HAS BEEN MADE TO ALL DBE FIRMS UTILIZED OVER THE LIFE OF THE CONTRACT FOR WORK PERFORMED OR MATERIALS PURCHASED. (INCLUDE RETAINAGE) IF THE DBE FIRM WAS ORIGINALLY LISTED TO MEET A GOAL, PLEASE PROVIDE THE ORIGINAL COMMITMENT AMOUNT. THE COMMITMENT AMOUNT CAN BE FOUND ON THE OCR-481-LPA FORM THAT IS A PART OF THE CONTRACT DOCUMENT.

FIRM NAME	R/N	R/C	COMMITMENT	Paid
Traffic Control Products- Subcontract	X		41,705.55	42,663.40
Traffic Control Products- Materials*	X		24,522.00	37,436.64
* 60% Material Credit of \$62,394.00				
			TOTAL PAID :	80,100.04
			CONTRACT TOTAL:	1,310,486.72
			% TOTAL BID :	6.11%

SUBMITTED BY :

Joseph E. Talley Jr, Vice President

TITLE :

8/9/17

DATE :

INSTRUCTION:

SUBMIT THIS OCR-482-LPA FORM TO LPA PROJECT
DIRECTOR WHEN ALL WORK IS COMPLETED.

DBE GOAL WAS: 5%

APPROVED BY:

DATE :

If the paid amount is less than the commitment
amount, please provide an explanation for the
under-payment

DISTRIBUTION:

MDOT OFFICE OF CIVIL RIGHTS (DBE COORDINATOR)
P.O. BOX 1850
JACKSON, MS. 39215

LPA-001 v 1.2

Revised Apr. 02, 2009

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Contractor's Estimate - Recap Sheet

HPP-0210-00(029)/105214801

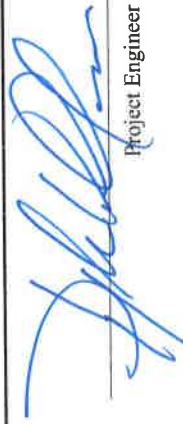
Printed: 08/07/2017 09:15 am

Vendor Number	3100021448 0	Completion Date	00/00/0000	
Contract ID	LHPP021000029	Time Units / Days to be Allowed	130.00	
In Account With	City of Hattiesburg PO Box 1898, Hattiesburg, MS, 39403			
FMS Contract Number	OG00001001	Period	01/25/2017 Thru	
Estimate Number	0009 FINAL			
Project County: FORREST (18)		Current Period	Previous Estimate	Total Allowed to Date
Project Number: 105214801000 [HPP-0210-00(029)/105214801]				
Total Cost (Participating)		\$37,854.60	\$1,272,632.13	\$1,310,486.73
Total Cost		\$37,854.60	\$1,272,632.13	\$1,310,486.73
Project Total		\$37,854.60	\$1,272,632.13	\$1,310,486.73
% Matching Funds Deduction for LPA 20.000000 %		(\$7,570.92)	(\$254,526.43)	(\$262,097.35)
Total Net Amount Owed to LPA		\$30,283.68	\$1,018,105.70	\$1,048,389.38
Total Contract Net Work Due		\$30,283.68	\$1,018,105.70	\$1,048,389.38
Time Units / Days Used		0.386000	76.597000	76.983000
Contract % Complete (Dollars)		2.89 %	97.11 %	100.00 %
Contract % Elapsed Time		0.510000%	102.130000%	102.640000%

Quantities Checked

Original Signed

Wallace, Kyle (16-83)



Project Engineer

LPA Official:

Approved:

Chief Engineer by

Original Signed

Jeffrey C. Altman, P.E.

LPA Engineer

Completion Date: 00/00/0000

Calendar Days to be Allowed: 130.00

Total Contract Bid Amount: \$1,324,161.94

Total Contract Current Amount: \$1,310,486.72

Productive Days to be Allowed: 75.000000

Total Productive Days Assessed: 76.980000

Contract % Elapsed Time (Productive Days): 102.640000%

Progress of Project: 100.000000%

HPP-0210-00(029)/105214801

Printed: 08/07/2017

Vendor Number	3100021448 0			Date Let	06/18/2015	MPC	Not Found			
Contract ID	LHPP021000029			Award Date	09/01/2015					
In Account With	City of Hattiesburg PO Box 1898, Hattiesburg, MS, 39403									
Surety	Default Surety For LPA Contract									
FMS CC Number	OG00001001									
Estimate Number				Period	01/25/2017 Thru 08/07/2017					
Project Number	105214801000 HPP-0210-00(029)/105214801 FORREST (18)				ROADWAY					
Line No	Item Number	AC	Item	Total Quantities		Unit	Unit Price	Amount		
				Final Adjusted Contract Qty	Current			Allowed-to-Date	Current	Allowed-to-Date
1	0010	201-A001	Clearing and Grubbing	1.000	0.000	1.000	LS	18,000.00	0.00	18,000.00
1	0020	202-B005	Removal of Asphalt Pavement, All Depths	1,141.390	0.000	1,141.390	SY	3.60	0.00	4,109.00
1	0030	202-B030	Removal of Concrete Pavement, All Depths	45.000	0.000	45.000	SY	12.00	0.00	540.00
1	0040	202-B038	Removal of Curb, All Types	125.000	0.000	125.000	LF	12.00	0.00	1,500.00
1	0050	202-B057	Removal of Inlets, All Sizes	0.000	0.000	0.000	EA	1,200.00	0.00	0.00
1	0060	202-B064	Removal of Pipe, 8" And Above	117.000	30.000	117.000	LF	12.00	360.00	1,404.00
1	0070	202-B160	Removal of Existing Railroad Crossing	11.000	0.000	11.000	EA	1,560.00	0.00	17,160.00
1	0080	203-A003	E Unclassified Excavation, FM, AH	2,417.000	0.000	2,417.000	CY	4.80	0.00	11,601.60
1	0090	203-EX017	E Borrow Excavation, AH, FME, Class B9	0.000	0.000	0.000	CY	13.20	0.00	0.00
1	0100	203-G003	E Excess Excavation, FM, AH	3,443.640	303.700	3,443.640	CY	6.00	1,822.20	20,661.84
1	0110	211-B001	E Topsoil for Slope Treatment, Contractor Furnished	2,939.000	0.000	2,939.000	CY	16.80	0.00	49,375.20
1	0120	213-C001	Superphosphate	3.160	0.000	3.160	TON	1,506.00	0.00	4,758.96
1	0130	907-225-A001	Grassing	4.750	0.000	4.750	ACRE	2,400.00	0.00	11,400.00
1	0140	907-225-B001	Agricultural Limestone	17.380	0.000	17.380	TON	798.00	0.00	13,869.24
1	0150	907-225-C001	Mulch, Vegetative Mulch	12.640	0.000	12.640	TON	1,440.00	0.00	18,201.60
1	0160	907-226-A001	Temporary Grassing	0.000	0.000	0.000	ACRE	1,200.00	0.00	0.00
1	0170	234-A001	Temporary Silt Fence	4,429.000	0.000	4,429.000	LF	2.16	0.00	9,566.64
1	0180	907-237-A002	Wattles 12"	140.000	0.000	140.000	LF	3.78	0.00	529.20
1	0190	907-237-A003	Wattles, 20"	3,765.000	0.000	3,765.000	LF	4.32	0.00	16,264.80
1	0200	907-304-C005	Granular Material, AEA, Class 9, Group C	1,832.600	57.780	1,832.600	CY	12.60	728.03	23,090.76
1	0210	907-304-F002	Size 610 Crushed Stone Base	7,822.610	72.650	7,822.610	TON	44.40	3,225.66	347,323.89
1	0220	907-403-A017	9.5-mm, ST, Asphalt Pavement	2,063.500	0.000	2,063.500	TON	105.60	0.00	217,905.61
1	0230	907-403-A019	19-mm, ST, Asphalt Pavement	427.340	0.000	427.340	TON	106.80	0.00	45,639.91

Line No	Item Number	AC	Item	Total Quantities			Unit	Unit Price	Amount	
				Final Adjusted Contract Qty	Current	Allowed-to-Date			Current	Allowed-to-Date
1	0240	907-403-B012	9.5-mm, ST, Asphalt Pavement, Leveling	0.000	0.000	0.000	TON	106.80	0.00	0.00
1	0250	907-407-A001	Asphalt for Tack Coat	936.000	0.000	936.000	GAL	4.80	0.00	4,492.80
1	0260	406-A001	Cold Milling of Bituminous Pavement, All Depths	0.000	0.000	0.000	SY	3.60	0.00	0.00
1	0270	907-601-B003	Class "B" Structural Concrete, Minor Structures	20.961	0.000	20.961	CY	1,320.00	0.00	27,668.52
1	0280	602-A001	S Reinforcing Steel	1,282.570	-33.120	1,282.570	LBS	2.40	-79.49	3,078.17
1	0290	603-CA087	S 12" Reinforced Concrete Pipe, Class III	16.000	0.000	16.000	LF	48.00	0.00	768.00
1	0300	603-CA088	S 18" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets	48.000	0.000	48.000	LF	52.20	0.00	2,505.60
1	0310	603-CA089	S 24" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets	8.000	8.000	8.000	LF	60.60	484.80	484.80
1	0320	603-CB001	S 18" Reinforced Concrete End Section	3.000	0.000	3.000	EA	780.00	0.00	2,340.00
1	0330	603-CB002	S 24" Reinforced Concrete End Section	1.000	0.000	1.000	EA	840.00	0.00	840.00
1	0340	603-CB014	S 15" Reinforced Concrete End Section	3.000	0.000	3.000	EA	720.00	0.00	2,160.00
1	0350	603-CE010	S 22" x 13" Concrete Arch Pipe, Class A IV	160.000	0.000	160.000	LF	55.86	0.00	8,937.60
1	0360	603-CF001	S 22" x 13" Concrete Arch Pipe End Section	12.000	0.000	12.000	EA	780.00	0.00	9,360.00
1	0370	907-603-PE205	S 18" Corrugated Polyethylene Pipe	380.000	0.000	380.000	LF	31.38	0.00	11,924.40
1	0380	907-603-PE206	S 24" Corrugated Polyethylene Pipe	461.000	0.000	461.000	LF	39.97	0.00	18,426.17
1	0390	907-603-PE211	S 12" Corrugated Polyethylene Pipe	0.000	0.000	0.000	LF	25.44	0.00	0.00
1	0400	907-603-PE212	S 15" Corrugated Polyethylene Pipe	140.000	0.000	140.000	LF	22.04	0.00	3,085.60
1	0410	907-603-PP001	Grate Inlet	16.000	0.000	16.000	EA	2,040.00	0.00	32,640.00
1	0420	604-A001	Castings	488.000	0.000	488.000	LBS	2.40	0.00	1,171.20
1	0430	604-B001	Gratings	400.000	0.000	400.000	LBS	2.40	0.00	960.00
1	0440	907-607-PP012	Fencing, Per Plans	550.000	0.000	550.000	LF	24.00	0.00	13,200.00
1	0450	608-A001	S Concrete Sidewalk, Without Reinforcement	119.310	-0.460	119.310	SY	42.00	-19.32	5,011.02
1	0460	609-D001	S Combination Concrete Curb and Gutter Type 1	191.000	0.000	191.000	LF	18.00	0.00	3,438.00
1	0470	907-611-PP003	S Detectable Warning, Per Plans	8.000	0.000	8.000	SF	30.00	0.00	240.00
1	0480	613-D010	Adjustment of Manhole Cover and Water Valve	1.000	0.000	1.000	EA	1,200.00	0.00	1,200.00
1	0500	619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	756.000	0.000	756.000	SF	6.00	0.00	4,536.00
1	0510	619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	819.000	0.000	819.000	SF	6.00	0.00	4,914.00
1	0520	619-G4005	Barricades, Type III, Double Faced	342.000	0.000	342.000	LF	12.00	0.00	4,104.00
1	0540	907-626-G004	Thermoplastic Detail Stripe, White	5,824.000	0.000	5,824.000	LF	1.38	0.00	8,037.12

Line No	Item Number	AC	Item	Total Quantities			Unit	Unit Price	Amount	
				Final Adjusted Contract Qty	Current	Allowed-to-Date			Current	Allowed-to-Date
1	0550	907-626-G005		Thermoplastic Detail Stripe, Yellow	3,784.000	0.000	LF	1.32	0.00	4,994.88
1	0560	907-626-H004		Thermoplastic Legend, White	400.000	0.000	LF	3.60	0.00	1,440.00
1	0570	907-626-H005		Thermoplastic Legend, White	2,447.900	0.000	SF	6.00	0.00	14,687.40
1	0580	630-A001		Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	963.000	0.000	SF	25.20	0.00	24,267.60
1	0590	630-C001		Steel U-Section Posts, 2.0 lb/ft	1,476.000	0.000	LF	6.00	0.00	8,856.00
1	0610	607-B001		60" Type I Chain Link Fence, Class 1	1,761.000	0.000	LF	15.60	0.00	27,471.60
1	8010	607-B017		96" Type I Chain Link Fence, Class I With Slats, S/A	5,915.000	592.000	LF	24.00	14,208.00	141,960.00
1	8020	201-C001		Random Clearing and Grubbing S/A	1.000	1.000	ACRE	9,234.00	9,234.00	9,234.00
1	8030	607-G500		Gate, 3' x 96' Chain Link With Slats, S/A	3.000	3.000	EA	650.00	1,950.00	1,950.00
					Total ROADWAY Items				31,913.88	1,243,286.73
					Total Participating Direct Items				31,913.88	1,243,286.73
					Total Non-Participating Direct Items				0.00	0.00
					Total Direct Items				31,913.88	1,243,286.73
Total Direct Items on Contract = 1,243,286.72										
Dependent Items										
Part Line No	Item Number	AC	Item	Total Quantities			Unit	Unit Price	Amount	
				Contract Qty	Current	Allowed-to-Date			Current	Allowed-to-Date
1	0490	907-618-A001		1.000000	0.1417	1.0000	LS	21,600.00	3,060.72	21,600.00
1	0530	620-A001		1.000000	0.0000	1.0000	LS	26,400.00	0.00	26,400.00
1	0600	907-699-A002		1.000000	0.1500	1.0000	LS	19,200.00	2,880.00	19,200.00
					Total Participating Dependent Items				5,940.72	67,200.00
					Total Non-Participating Dependent Items				0.00	0.00
					Total Dependent Items				5,940.72	67,200.00
					Total Project Participating Construction Items				37,854.60	1,310,486.73
					Total Project Non-Participating Construction Items				0.00	0.00
					Total Project Construction Items				37,854.60	1,310,486.73
Stockpiled Material Adjustments										
	Line No	Item Number	Item Description	Adjustment Description				Current	Allowed-to-Date	
					Total Participating Stockpiled Material Adjustments				0.00	0.00
					Total Participating Costs (on CAD001)				37,854.60	1,310,486.73
					Total Non-Participating Costs (on CAD001)				0.00	0.00
					Total Costs (on CAD001)				37,854.60	1,310,486.73
Project: 105214801000 HPP-0210-00(029)/105214801										

Fuel And Material Adjustments						
Line No	Item Number	Item Description	Adjustment Description	Price Difference	Current	Allowed-to-Date
Total Participating Fuel And Material Adjustments						
					0.00	0.00
Total Non-Participating Fuel And Material Adjustments						
					0.00	0.00
Total Fuel And Material Adjustments						
					0.00	0.00
Total Construction Cost on Contract = 1,310,486.72					37,854.60	1,310,486.73
Total Contract Net Work Due (on CAD001)						



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-642

File ID: 2017-642

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 08/15/2017

Brief Title: Authorize execution of contract for Highway 11
Medical Park Access Roadway Project.

Final Action: 08/22/2017

Minute Book Number: MB2017-358

Title:

Authorize Mayor to execute six (6) copies of contract with Warren Paving, Inc.
for the Highway 11 Medical Park Access Roadway Project.

Notes: 072201.7230.07

Agenda Date: 08/22/2017

Indexes:

Agenda Number: V.-10

Sponsors:

Enactment Date:

Attachments: 104-16 Contract Documents and Stamped
Specifications-Warren, executed 104-16 Contract
Documents and Stamped Specifications-Warren

Enactment Number:

Contact:

Meeting Date: 08/22/2017

Drafter: Sharon Waits

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017	Authorize				Pass
Action Text: A MOTION was made by Council Vice President Dryden and seconded by Council Member Brown to Authorize Mayor to execute six (6) copies of contract with Warren Paving, Inc. for the Highway 11 Medical Park Access Roadway Project.							
There being no discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							
Yea: 5 Council Member George Council Member Delgado Council President Carroll Council Vice President Dryden Council Member Brown							

Text of Legislative File 2017-642

Title

Authorize Mayor to execute six (6) copies of contract with Warren Paving, Inc. for the Highway 11 Medical Park Access Roadway Project.

Summary

Authorize execution of contract for Highway 11 Medical Park Access Roadway Project.

Budget Information

072201.7230.07

Expenditure Type

DIP Grant

Purchasing Item

Publication Information

CONTRACT DOCUMENTS AND SPECIFICATIONS
FOR
HIGHWAY 11 MEDICAL PARK ACCESS ROADWAY
MISSISSIPPI DEVELOPMENT INFRASTRUCTURE GRANT (DIP-363)
CITY OF HATTIESBURG, MISSISSIPPI
SN: 104-16

April 2017



By:



2203 Hardy Street
Hattiesburg, Mississippi 39401
601.583.2127



ADDENDUM #1

June 5, 2017

SN: 104-16

Project: Highway 11 Medical Park Access Roadway
Mississippi Development Infrastructure Grant (DIP-363)
City of Hattiesburg, Mississippi

Engineer: Dustin B. Gatlin, P.E.
The Walker Associates
Engineers-Planners-Designers, PLLC
2203 Hardy Street / P.O. Box 16496
Hattiesburg, Mississippi 39404

Please note the following clarifications and changes to the Proposal, Contract Documents and Drawings dated April 2017.

1. Reference the Advertisement for Bids in the Contract Documents.

The Advertisement for Bids included in the Contract Document booklet incorrectly states that the bids will be received at 10:00 a.m., Thursday, June 8, 2017. The correct date for receiving of bids will be 10:00 a.m., Friday, June 9, 2017 at the same location as specified in the Advertisement for Bids.

2. Reference the Unit Price Schedule in the Contract Documents.

Please replace the Unit Price Schedule included in the Contract Documents with the enclosed Unit Price Schedule. Note the addition/revision to the following pay items.

Added Pay Items

S-211C Topsoil (Contractor Furnished) (FM)
Topsoil is to be utilized as shown on sheets 2-B and 2-C of the project plans.

S-815-A Loose Riprap, 200 lb.

Loose riprap is to be installed at the outlet of the 48" flared end section (FES-1) in the detention pond shown on sheet 4 of the project plans. Geotextile under riprap per specification section S-815 is to be included and absorbed into the unit price of the riprap.

Revised Pay Items

S-304-D Crushed Stone (Size 610)

The increased quantity of crushed stone is to be utilized for backfill of the proposed 24" rcp cross drains and the existing 24" cpvc cross drain as shown on sheets 3 and 4 of the project plans.

S-203-A Unclassified Excavation (FM)

Removal of the existing soil above and around the existing 24" cpvc is to be included in the S-203-A Unclassified Excavation (FM) pay item. All soil removed from the trench is to be spoiled on-site in locations deemed suitable by the Engineer.

3. Reference Sheet 2-B of the Project Plans.

Entire length of roadway to include scarifying and drying of existing subgrade as necessary prior to the placement of the pavement structure. Scarifying and drying as necessary to be absorbed into provided pay items.

4. Reference Sheet 322 of the Project Plans.

Note that all storm water inlets (Type SS-2) are to be cast in place concrete. Quantity for these structures is included in Pay Item *S-601-B, Class "B" Structural Concrete, Minor Structures*.

5. Reference Section 16400 Power Distribution Equipment of the Contract Documents.

In specification section 16400 Power Distribution Equipment it incorrectly states that the Panelboards be 480/277 volts' single phase. Service voltage for the project will be 120/208-Volt, 1-Phase as reflected in the "Detail of Lighting Standards Power Sources" detail found on sheet EL2.1 of the project plans.

6. Reference Sheet EL2.0 of the Project Plans and Section 16100 Basic Materials and Methods of the Contract Documents.

In specification section 16100 Basic Materials and Methods in the Contract Documents and Sheet EL2.0 of the Project Plans, it incorrectly states that the junction boxes are to be Tier 8. All electrical junction boxes are to be Tier 15.

Page 3
Addendum No. 1

Please acknowledge receipt of this addendum in the Proposal section of the Contract Documents and by signing below and faxing a copy to The Walker Associates, PLLC (601) 582-1300

Bidder: Kate [Signature]

By: Estimator/Project Manager

Date: June 6, 2017

The Walker Associates
Engineers-Planners-Designers, PLLC

City of Hattiesburg

[Signature]
Dustin Gatlin, P.E.



[Signature]
Kermas Eaton, City Clerk

Client#: 2286

WARRE

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

8/14/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Regions Insurance Inc -Jackson 1020 Highland Colony Parkway Suite 302 Ridgeland, MS 39157	CONTACT NAME: Darlene Manley PHONE (A/C, No, Ext): 601 790-8514 FAX (A/C, No): 601-326-4765 E-MAIL ADDRESS: darlene.manley@regions.com														
INSURED Warren Paving Inc. P.O. Box 572 Hattiesburg, MS 39403	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : Phoenix Insurance Company</td> <td>25623</td> </tr> <tr> <td>INSURER B : American Guarantee & Liability</td> <td>26247</td> </tr> <tr> <td>INSURER C : Zurich American Insurance Compa</td> <td>16535</td> </tr> <tr> <td>INSURER D : Great American Insurance Co.</td> <td>16691</td> </tr> <tr> <td>INSURER E : Travelers Indemnity Co. of Conn</td> <td>25682</td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Phoenix Insurance Company	25623	INSURER B : American Guarantee & Liability	26247	INSURER C : Zurich American Insurance Compa	16535	INSURER D : Great American Insurance Co.	16691	INSURER E : Travelers Indemnity Co. of Conn	25682	INSURER F :	
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INSURER F :															

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY CLAIMS-MADE ☒ OCCUR ☒ PD Ded:2,500 GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☐ LOC OTHER:	X	X	CO1283C723	12/04/2016	12/04/2017	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
E	AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ ALL OWNED AUTOS ☒ HIRED AUTOS ☐ SCHEDULED AUTOS ☒ NON-OWNED AUTOS	X	X	8108168B574	12/04/2016	12/04/2017	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	UMBRELLA LIAB ☒ OCCUR ☒ EXCESS LIAB CLAIMS-MADE DED ☒ RETENTION \$0			AUC016407200	12/04/2016	12/04/2017	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		X	WC980945700	07/01/2017	07/01/2018	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
D	Excess Liability			TUE033022708	12/04/2016	12/04/2017	15,000,000 occ/agg

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Re: Highway 11 Medical Park Access Roadway, Mississippi Development Infrastructure Grant (DIP-363), City of Hattiesburg, Mississippi. The Owner (The City of Hattiesburg) and the Engineer (The Walker Associates, Engineers-Planners-Designers, PLLC) are included as additional insureds on all policies except the Workers Compensation, as required by written contract or agreement.

CERTIFICATE HOLDER

CANCELLATION

City of Hattiesburg 200 Forrest Street Hattiesburg, MS 39401	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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16500	Exterior Lighting System
16600	Electrical Service
16800	Mechanical System Wiring
16900	Excavation, Trenching and Backfilling

PART 1

BIDDING REQUIREMENTS

ADVERTISEMENT FOR BIDS

The City of Hattiesburg will receive sealed proposals at the City Clerk's office, located at 200 Forrest Street, Hattiesburg, Mississippi 39401 until **10:00am, Thursday, June 8, 2017**, for furnishing all labor, materials and equipment in connection with the Highway 11 Medical Park Access Roadway, as described in and reflected by the plans and specifications prepared by The Walker Associates, Engineers-Planners-Designers, PLLC Hattiesburg, Mississippi, dated April, 2017, immediately after which time said sealed proposals shall be publicly opened and read.

A single contract shall be let for the complete project.

Detailed drawings and specifications are on file and may be examined at the office of the City Clerk located at 200 Forrest Street, Hattiesburg, Mississippi 39401; the office of The Walker Associates, Engineers-Planners-Designers, PLLC 2203 Hardy Street, Hattiesburg, Mississippi 39401, or viewed online at www.thewalkerassociates.com.

Bidders may obtain complete sets of drawings and specifications from The Walker Associates, Engineers-Planners-Designers, PLLC 2203 Hardy Street, Hattiesburg, Mississippi 39401 (Post Office Box 16496, Hattiesburg, MS 39404-6496), upon payment of \$75.00 per set, non-refundable. Only bidders who have received printed drawings and specifications from The Walker Associates, Engineers-Planners-Designers, PLLC will be considered bona fide bidders.

Proposals shall be submitted in duplicate only upon the blank bid forms provided with the drawings and general conditions and must be accompanied by bid security in the form of a certified check or acceptable bid bond in an amount equal to at least five percent (5%) of the base bid. Said security to be forfeited, as liquidated damages, not penalty, by a bidder who may be awarded the contract, but who fails to carry out the terms of the proposal, execute the contract and post the required performance and payment bonds in the form and amount, and within the time specified. The bid bond, or the certified check, if used in lieu thereof, shall be payable unconditionally to Forrest County General Hospital.

Bids on the project must be received on or before the time specified above, and no bid may be withdrawn after the scheduled closing time and date for the receipt of bids for a period of sixty (60) days. All bids submitted must comply with the requirements of Chapter 3, Title 31 (Sections 31-3-1, et. seq.) of the Mississippi Code of 1972, as amended, and the performance of any contract shall be bonded in accordance with Chapter 5, Title 31 of the Mississippi Code of 1972, as amended.

"Minority Business and Women's Business Utilization Requirements:

Positive efforts as required by the Community Development Block Grant (CDBG) Program and funding under the Development Infrastructure Program (DIP) shall be made by BIDDERS to utilize minority-owned and women-owned businesses as sources of construction, materials, supplies and services. Such efforts must allow these sources the maximum feasible opportunity to compete for sub-agreements and contracts. Documentation of efforts made to utilize minority and women-owned firms must be maintained by all BIDDERS."

Bidders who are non-residents of the State of Mississippi must also comply with the provisions of Section 31-3-21(3) of the Mississippi Code of 1972, as amended.

The City of Hattiesburg reserves the right to reject any and all bids and to waive informalities.

DATED this, the 2nd day of May, 2017.

BY: /s/
City Clerk
Hattiesburg, Mississippi

Dates of Publication:

May 8, 2017

May 15, 2017

INSTRUCTIONS TO BIDDERS

1. GENERAL DESCRIPTION OF THE PROJECT

A general description of the work to be done is contained in the Invitation to Bid. The scope is indicated on the accompanying Drawings and specified in applicable parts of these Contract Documents.

2. QUALIFICATION OF CONTRACTORS

The prospective Bidders must meet the statutorily prescribed requirements of the Owner before award of Contract.

3. DOCUMENT INTERPRETATION

The Contract Documents governing the work proposed herein consist of the Bidding Requirements, Contract Forms, Conditions of the Contract, Specifications, and Drawings.

All parts of the Contract Documents are intended to be compatible and to provide all details reasonably required for the execution of the proposed work. Any person contemplating the submission of a Bid shall thoroughly examine all parts of these Contract Documents and, should there be any doubt as to the meaning or intent of said Contract Documents, the Bidder should request an interpretation thereof from the Project Engineer at least 10 days prior to the bid opening. Any interpretation or change in said Contract shall be made only in the form of Addendum to the Contract Documents which will be furnished to all Planholders. The Owner will not be responsible for any other explanation or interpretations of said Contract Documents. Bidders shall submit with their Bids, or indicate in the space provided on the Bid Form, receipt of all Addenda. Failure to submit or acknowledge receipt of Addenda with the Bid may result in rejection of a Bid as non-responsive.

Pre-qualification of material and equipment and proposed substitutions will not be considered prior to Bid opening.

4. BIDDER'S UNDERSTANDING

Each bidder must inform himself of the conditions relating to the execution of the work, inspect the site, and make himself thoroughly familiar with all the Contract Documents. Failure to do so will not relieve the successful Bidder of his obligation to enter into a Contract and complete the contemplated work in strict accordance with the Contract Documents. It shall be the Bidder's obligation to verify for himself and to his complete satisfaction all information concerning site and subsurface conditions. The Owner will make available to prospective Bidders upon request and at the office of the Engineer, prior to bid opening, any information that he may have as to subsurface conditions and surface topography at the worksite.

Logs of test borings or topographic maps showing a record of the data obtained by the Engineer's investigations of surface and subsurface conditions have not been utilized in preparation of the Contract Documents. The Bidder may rely upon the accuracy of the technical data contained in such reports but not upon non-technical data interpretations, or opinions contained therein or for the completeness thereof for the purpose of bidding or construction.

Information derived from inspection of logs of test borings, or topographic maps, or from Drawings showing location of utilities and structures will not in any way relieve the Contractor from any risk, or from properly examining the site and making such additional investigations as he may elect, or from properly fulfilling all the terms of the Contract Documents.

Each Bidder shall inform himself of, and the Bidder awarded a Contract shall comply with, federal, state, and local laws, statutes, and ordinances relative to the execution of work.

5. TYPE OF BID

A. General

Types of bids for the work specified in these Contract Documents will be unit price, lump sum, or a combination of unit price and lump sum as set forth on the Bid Form.

B. Unit Price

When the Bid for the work is to be submitted on a unit price basis, unit prices shall be inserted in the appropriate places. The estimate of quantities of work to be done as tabulated on the Bid Form is approximate and is for the basis of calculation upon which the award of Contract may be made. Payment to the Contractor will be made on the measurement of the work actually performed by the Contractor. The Owner reserves the right to increase or diminish the amount of any class of work as may be deemed necessary.

C. Lump Sum

When the Bid for all or part of the work is to be submitted on a lump sum basis, a lump sum price shall be submitted in the appropriate place. The total amount to be paid the Contractor shall be the amount of the lump sum bid as adjusted for additions or deletions resulting from approved changes in the project.

D. Breakdown of Lump Sum Prices

Bidders shall provide a detailed breakdown of the lump sum prices if required in the Bid.

E. Special Bidding Requirements

Special bidding procedures or requirements, if applicable, are set forth in the Supplementary Conditions.

6. PREPARATION OF BIDS

All blank spaces in the Bid Form must be filled in, as required, preferably in BLACK ink. All price information will be shown in both words and figures where required. No changes will be made in the wording or numbers on the forms. Amounts stated in words shall govern in case of discrepancy between amounts stated in words and the amounts stated in figures.

Any Bid shall be deemed informal which contains material omissions, or irregularities, or which in any manner shall fail to conform to the conditions of the published Invitation to Bid.

Only one Bid from any individual, firm, partnership, or corporation, under the same or different names, will be considered. Should it appear to the Owner that any Bidder is interested in more than one Bid for work contemplated, all Bids in which such Bidder is interested will be rejected.

The Bidder shall sign his Bid in the blank space provided. If Bidder is a corporation, the legal name of the corporation shall be set forth in the Bid, together with the signature of the officer or officers authorized to sign Contracts on behalf of the corporation. If Bidder is a partnership, the true name of the firm shall be set forth in the Bid, together with the signature of the partner or partners authorized to sign Contracts in behalf of the partnership. If the signature is by an agent, other than an officer of a corporation or a member of a partnership, a notarized power-of-attorney must be on file with the Owner prior to opening of Bids or submitted with the Bid.

7. CHANGES IN QUANTITIES

The Owner reserves the right to increase or decrease the amount of any class of unit price work that may be deemed necessary, except that such increases or decreases in amounts shall not be more than 15 percent of the quantities shown on the Drawings and Specifications without a negotiated Change Order.

8. STATE AND LOCAL SALES AND USE TAXES

Unless the Supplementary Conditions contains a statement that the Owner is exempt from state sales tax on materials incorporated into the work due to the qualification of the work under this Contract, all state and local sales and use taxes required by the laws and statutes of the state and its political subdivisions, shall be paid by the Contractor. Prices quoted in the Bid shall include all nonexempt sales and use taxes, unless provision is made in the Bid Form to separately itemize the tax.

9. SUBMISSION OF BIDS

All Bids must be submitted not later than the time prescribed, at the place, and in the manner set forth in the Invitation to Bid. Bids must be made on the Bid Forms provided herein. Each Bid must be submitted in a sealed envelope, so marked as to indicate its contents without being opened, and addressed in conformance with the instructions in the Invitation to Bid. Contractor's Certificate of Responsibility Number from the State Board of Public Contractors must be clearly printed on the outside of the Bid envelope. No Bid will be considered unless the current certificate number appears on the envelope.

10. TELEGRAPHIC OR WRITTEN MODIFICATION OF BID

Telegraphic or written modifications of a Bidder's Bid will not be accepted or considered.

11. WITHDRAWAL OF BID

Any Bid may be withdrawn prior to the scheduled time for the opening of Bids either by telegraphic or written request, or in person.

12. BID SECURITY

Bids must be accompanied by cash, a certified check, or cashier's check drawn on a bank in good standing, or a bid bond issued by a Surety authorized to issue such bonds in the state where the work is located, in the amount of 5 percent of the total amount of the Bid submitted. This bid security shall be given as a guarantee the Bidder will not withdraw his Bid for a period of 90 days after Bid opening, and that if awarded the Contract, the successful Bidder will execute the attached Contract and furnish properly executed Performance and Payment Bonds, each in the full amount of the Contract price within the time specified.

The Attorney-in-Fact who executes this bond on behalf of the Surety must attach a notarized copy of his power-of-attorney as evidence of his authority to bind the Surety on the date of execution of the bond.

If the Bidder elects to furnish a bid bond, he shall use the Bid Bond form bound herewith, or one conforming substantially thereto in form and content.

13. BIDDER QUALIFICATION

Before a Contract will be awarded for the work contemplated herein, the Owner will conduct such investigation as is necessary to determine the performance record and ability of the apparent low Bidder to perform the size and type of work specified under this Contract. Upon request, the Bidder shall submit such additional information not specifically requested herein, as deemed necessary by the Owner to evaluate the Bidder's qualifications.

14. RETURN OF BID SECURITY

Within 15 days after the award of the Contract, the Owner will return the bid securities to all Bidders whose Bids are not to be further considered in awarding the Contract. Retained bid securities will be held until the Contract has been executed, after which all bid securities, other than Bidders' bonds and any guarantees which have been forfeited, will be returned.

15. BASIS OF AWARD

Within 90 calendar days after the opening of Bids, unless otherwise stated in the Invitation to Bid or Supplementary Conditions of these Documents, award of the Contract will be made to the lowest responsible and responsive Bidder complying with the Invitation to Bid. A written Notice of Award will be mailed or delivered to the office designated in the Bid. In the event of failure of the lowest responsible and responsive qualified Bidder to sign and return the Contract with acceptable Performance and Payment Bonds, as prescribed herein, the Owner may award the Contract to the next lowest and best Bidder.

In order to be considered responsive with the Invitation to Bid, a Bid must:

- A. Be completed, signed, and notarized and be compliance in all respects to the conditions of the Invitation to Bid and Instructions to Bidders.
- B. Be made on the Bid Forms provided and submitted intact as part of the Contract Documents.
- C. Be accompanied by the required bid security.
- D. Contain no alterations to the terms or conditions of these Contract Documents except as specifically directed in these Contract Documents.

In order to be considered responsible, a Bidder must establish to the complete satisfaction of the Owner, as a minimum, that he has:

- A. A permanent place of business.
- B. Adequate financial resources to meet his Contract obligations and will maintain same for the Contract period.
- C. Adequate equipment to perform the work properly and within the time prescribed in the Contract.
- D. The necessary experience and technical qualifications in the type of work provided for in the Contract.

The Owner reserves the right to reject all Bids, or any Bid not in compliance with the

Contract Documents, and to waive any informalities or irregularities in Bids received.

16. EXECUTION OF CONTRACT

The successful Bidder shall, within 10 days, not including Sundays and legal holidays, after receiving Notice of Award, sign and deliver to the Owner the Contract hereto attached together with the Performance and Payment Bonds and the Certificate of Insurance. Within 5 days, not included Sundays and legal holidays, after receiving the properly signed Contract with acceptable bonds and Certificate of Insurance for this project, the Owner's authorized agent will sign the Contract. Signature by both parties constitutes execution of the Contract. Within 30 days of execution, the Owner will issue the Notice to Proceed.

17. PLANS FOR CONSTRUCTION

The successful Bidder will be furnished two sets of full-size Documents without charge. Any additional copies required will be furnished to the Contractor at reproduction cost.

18. PERFORMANCE AND PAYMENT BOND

The successful Bidder shall file with the Owner a Performance Bond and Payment Bond on the form bound herewith in the full amount of the Contract price in accordance with the requirements of Mississippi Statutes Code Section 31-5-51, as applicable, as security for the faithful performance of the Contract and the payment of all persons supplying labor and materials for the construction of the work, and cover all guarantees against defective workmanship or materials, or both, for a period of one year after the date of final acceptance of the various work items completed during the construction program. The Contractor shall refer to the Technical Specifications for required warranty periods on specific equipment items. The Surety furnishing this bond shall have a sound financial standing and a record of service satisfactory to the Owner, and shall be authorized to do business in the State of Mississippi.

The Attorney-in-Fact (Resident Agent) who executes this Performance Bond and Payment Bond in behalf of the Surety must attach a notarized copy of his power-of-attorney as evidence of his authority to bind the Surety on the date of execution of the Bond.

All Contracts, Performance and Payment Bonds, will have the same date.

19. FAILURE TO EXECUTE CONTRACT AND FURNISH BONDS AND CERTIFICATE OF INSURANCE

The Bidder who has a Contract awarded to him and who fails to sign the Contract and furnish the Performance Bond, Payment Bond, and Certificate of Insurance shall forfeit the bid security and it shall be retained as liquidated damages by the Owner. It is agreed that this said sum is a fair estimate of the amount of damages the Owner will sustain in case the Bidder fails to enter into a Contract and furnish the bond as hereinbefore provided. Bid security deposited in the form of cash, a certified check, or cashier's check shall be subject

to the same requirement as a bid bond.

20. TIME OF COMPLETION

The time of completion of the work to be performed under this Contract is the essence of the Contract. Delays and extensions of time may be allowed in accordance with the provisions stated in the General Conditions. The time allowed for the completion of the work is stated in the Bid.

SURETY

If the Bidder is awarded a Contract(s) based on this Bid, the Surety who provides the Performance Bond and Payment Bond will be Travelers Casualty + Surety Company whose address is One Tower Square Hartford CT 06183
Street City State Zip

Bidder

The name of the Bidder submitting this Bid is Warren Paving, Inc.

Headquarters Address: 562 Elks Lake Rd.
Street
Hattiesburg MS 39401
City State Zip

Local Mailing Address P.O. Box 572
(If different than above):
Street
Hattiesburg MS 39403
City State Zip

Address to which all communications concerned with this Bid and with the resulting Contract shall be sent:

Name Warren Paving, Inc. Street or P.O. Box P.O. Box 572
City Hattiesburg State MS Zip 39403
Attention: Jeremy Patterson Estimator/Project Manager
Name Title

The names of the Principal officers of the entity submitting this Bid, or of all persons interested in this Bid as Principals are:

Steven M. Warren
Name

Warren Paving, Inc.
Company

David McKay
Name

Warren Paving, Inc.
Company

Lawrence W. Warren
Name

Warren Paving, Inc.
Company

Name

Company

If the Bidder is a joint venture or partnership the names and business addresses of the participants are:

Name

Address

Name

Address

Name

Address

BIDDER'S AFFIDAVIT AND SWORN STATEMENT

STATE OF Mississippi
COUNTY OF Forrest

I hereby certify that I am submitting this Bid on behalf of

a (check one): ☒ Corporation ☐ Partnership
☐ Sole Proprietorship ☐ Joint Venture
☐ Other (Describe)

of the City of Hattiesburg State of Mississippi

that I have examined and prepared the foregoing Bid(s) based on the information contained in the Contract Documents provided with the Bid; and I have checked the same in detail before submitting this Bid; that I have full authority to make such statements and submit this Bid in (its) (their) (my) behalf; and that these statements are true and correct.

Addenda

The Bidder hereby acknowledges that he has received Addenda No.(s) 1, __, __, __, to these Contract Documents. (Bidder insert No. of each Addendum received.)

Signature [Signature]

Title Estimator/Project Manager (Corporate Seal)

Subscribed and sworn to before me this 9th day of June, 20 17

[Signature]
Notary Public - State of Mississippi

My commission expires: 11-30-18

(Notary Seal)





BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned,
Warren Paving, Inc. as Principal, and
Travelers Casualty and Surety Company of America as Surety, are hereby held and firmly bound
unto City of Hattiesburg as OWNER in the penal sum of
Five Percent (5%) of Bid Amount for the payment of which, well and truly to be made, we hereby jointly and
severally bind ourselves, successors and assigns.

Signed, this 9th day of June, 20 17

The Condition of the above obligation is such that whereas the Principal has submitted to
City of Hattiesburg a certain BID, attached hereto and hereby made a part thereof to enter
into a contract in writing, for the Highway 11 Medical Park Access Roadway, as per proposal

NOW, THEREFORE,

(a) If said BID shall be rejected, or

(b) If said BID shall be accepted and the Principal shall execute and deliver a contract in the
Form of Contract attachment hereto (properly completed in accordance with said BID) and shall
furnish a BOND for faithful performance of said contract, and for the payment of all persons
performing labor and furnishing materials in connection therewith, and shall in all other respects
perform the agreement created by the acceptance of said BID, then this obligation shall be void,
otherwise the same shall remain in full force and effect; it being expressly understood and agreed
that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the
penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety
and its BOND shall be in no way impaired or affected by any extension of the time within which
the OWNER may accept such BID; and said Surety does hereby waive notice of any such
extension.

Warren Paving, Inc.

Principal Jeremy Tallerson D.S.
Estimator Project Manager

Travelers Casualty and Surety Company of America

Surety


Dr. Joshua T. Jones
 Attorney-In-Fact & Resident MS Agent



POWER OF ATTORNEY

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company

Attorney-In Fact No. 230304

Certificate No. 007014747

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Charles F. Porter, Joshua T. Jones, Wesley H. McCubbins, and Elizabeth Cramer

of the City of Ridgeland, State of Mississippi, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 18th day of October, 2016.

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company



State of Connecticut
 City of Hartford ss.

By: Robert L. Raney

Robert L. Raney, Senior Vice President

On this the 18th day of October, 2016, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
 My Commission expires the 30th day of June, 2021.



Marie C. Tetreault
 Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 9th day of June, 20 17.


Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

NOTE TO BIDDERS: All blank spaces requiring input below must be filled in, preferably in BLACK INK. (All proposals are to be submitted in duplicate. No "stripped" bids will be accepted for the certified, original bid; however, the duplicate may contain only the front end documents.)

PROPOSAL

To: CITY OF HATTIESBURG

Address: P.O. Box 1898
Hattiesburg, Mississippi 39403

Project Title: HIGHWAY 11 MEDICAL PARK ACCESS ROADWAY
MISSISSIPPI DEVELOPMENT INFRASTRUCTURE GRANT (DIP-363)

Bidder: Warren Paving, Inc.

Address: P.O. Box 512 Hattiesburg, MS 39403

Date: JUNE 9, 2017

Bidder's person to contact for additional information on this Bid:

Name: Jeremy Patterson

Telephone: (601) 544-7811

BIDDERS' DECLARATION AND UNDERSTANDING

The undersigned, hereinafter called the Bidder, declares that the only persons or parties interested in this Bid are those named herein, that this Bid is, in all respects, fair and without fraud, that it is made without collusion with any official of the Owner, and that the Bid is made without any connection or collusion with any person submitting another bid on this Contractor.

The Bidder further declares that he has carefully examined the Contract Documents for the project, that he has personally inspected the site, that he has satisfied himself as to the nature of the work involved, including equipment required, and conditions of work involved, and that this Bid is made according to the provisions and under the terms of the Contract Documents, which Documents are hereby made a part of this Bid.

The Bidder further agrees that he has exercised his own judgment regarding the interpretation of the work and has utilized all data which he believes pertinent from the Engineer, Owner, and other sources in arriving at his conclusions.

CONTRACT EXECUTION AND BONDS

The Bidder agrees that if this Bid is accepted, he will, within 10 days, not including Sundays and legal holidays after Notice of Award, sign and deliver the Contract to the Owner together with the required Performance Bond, Payment Bond, and Certificate of Insurance, and will, to the extent of his Bid, furnish all machinery, tools, apparatus, and other means of construction and do the work and furnish all the materials necessary to complete the work as specified or indicated in the Contract Documents.

START OF CONSTRUCTION AND CONTRACT COMPLETION TIME

The Bidder further agrees to begin work within 10 calendar days after the date stated in the Notice to Proceed issued by the Owner to the Contractor and shall complete the construction of the project in all respects within 90 calendar days from the date the Owner issues the Notice to Proceed.

Submittals required under this Contract that would affect the start of actual construction can be submitted by the Contractor any time after the Owner issues the Notice of Award, notwithstanding the fact that the Contract has not been executed nor the Notice to Proceed issued. Notwithstanding the Contractor's right to make early submittals, no cause for a delay or time extension shall arise under the Contract unless the Engineer fails to respond to such submittals within 20 days after issuance of the Notice to Proceed and the delay impacts the Contract completion date. The time for completion of this Contract shall begin the day the Notice to Proceed is issued by the Owner.

DAMAGES FOR DELAY

In the event the Bidder is awarded the Contract and shall fail to complete the work within the time limit or extended time limit agreed upon, as more particularly set forth in the Contract Documents, liquidated damages shall be paid to the Owner at the rate stated below per calendar day until the work shall have been satisfactorily completed as provided by the Contract Documents:

Contract Completion: \$225.00 per day

Liquidated damage shall be cumulative for work not completed on schedule.

SALES AND USE TAXES

The Bidder agrees that all federal, state, and local sales and use taxes are included in the stated bid prices for the work.

BIDDER BREAKDOWN OF TOTAL BID

Bidder(s) being considered for award may be required to provide further detailed breakdown of the work within 72 hours following receipt of the request from the Owner. The price breakdown shall be fairly apportioned to the items listed. If so requested, the Bidder shall substantiate any price or prices with additional detailed price breakdown.

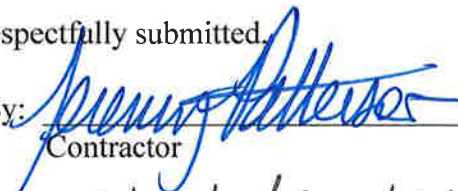
LUMP SUM WORK

The following items are to be provided and/or completed, as herein specified and as shown on the Drawings, based upon the undersigned's own estimate of quantity and costs, for the lump sum amounts specified for each line item indicated. If requested by the Engineer, the Contractor shall substantiate any price or prices with additional detailed price breakdown.

UNIT PRICE WORK

The Bidder further proposes to accept as full payment for the work proposed herein the amounts computed under the provisions of the Contract Documents and based on the following unit price amounts. It being expressly understood that the unit prices are independent of the exact quantities involved. The Bidder agrees that the unit prices represent a true measure of the labor and materials required to perform the work, including all allowances for overhead and profit for each type and unit of work called for in these Contract Documents. The amounts shall be shown in both words and figures. In case of a discrepancy, the amount shown in words shall govern.

Respectfully submitted,

By: 

Contractor

Title:

Estimator/Project Manager

Address: P.O. Box 572

Halliesburg, MS 39403

Date:

June 9, 2017

(To be filled in if a corporation)

Our Corporation is chartered under the Laws of the State of
and the names, titles and business addresses of the executives are as follows:

President Steven M. Warren Address P.O. Box 572 Hattiesburg, MS 39403

Secretary David McKay Address P.O. Box 572 Hattiesburg, MS 39403

Treasurer Laurence W. Warren Address P.O. Box 572 Hattiesburg, MS 39403

ADDENDUM

The Bidder acknowledges receipt of the following Addenda:

Addendum No. 1 June 5, 2017

The undersigned Bidder further understands that the quantities of work shown herein are approximate only and are subject to increase or decrease, and offers to do the work whether the quantities are increased and decreased at the following unit prices:

MBE and WBE LIST

PROJECT: HWY 11 Medical Access Rd. **OWNER:** City of Hattiesburg
NAME OF MBE/WBE FIRM: Simmons Erosion Control, Inc. ☐ RACE CONSCIOUS ☒ RACE NEUTRAL
ADDRESS: 6690 Steve Lee Drive Lake, MS 39092

A	B	C
REFERENCE NUMBER OF ITEMS	PER CENT WORK SUBCONTRACTED, (SEE NOTE 4 & 5 BELOW)	VALUE OF ITEM (SUBCONTRACTED, MANUFACTURED OR SUPPLIED)
See Attachment A		\$64,960.00
TOTAL		\$64,960.00
PER CENT OF TOTAL BID		13.03

*** I ACKNOWLEDGE AND COMMIT TO THE ITEMS AND PRICES STATED ABOVE. ***

SIGNATURE OF PRIME SIGNATURE OF DBE

DATE RECEIVED : _____

Warren Paving, Inc.

DATE APPROVED : _____

Jeremy Patterson

PRIME CONTRACTOR

APPROVED BY : _____

Estimator/Project Manager

SUBMITTED BY

TITLE

I AGREE TO SUBCONTRACT OR PURCHASE MATERIAL FROM THE MBE/WBE FIRM LISTED ABOVE AND I MAKE THIS COMMITMENT WITH THE UNDERSTANDING THAT IF I FAIL FOR GOOD REASON TO FULFILL THIS COMMITMENT I HAVE LISTED I WILL FULFILL THE TERMS OF MY CONTRACT AS LONG AS I REACH OR EXCEED THE CONTRACT GOAL OF 10% (MBE) and 5% (WBE).

INSTRUCTIONS:

- SUBMIT THIS FORM TO OWNER NO LATER THAN THE THIRD (3) CALENDER DAY AFTER THE OPENING OF THE BIDS. (Email copies acceptable with originals to follow with documents.
- 60 % CREDIT IS ALLOWED TOWARD THE MBE/WBE GOAL FOR SUPPLIERS.
- THE ACTUAL SUBCONTRACT AGREEMENT MUST EQUAL OR EXCEED THE DOLLAR AMOUNT SHOWN IN COLUMN "C".
- IF THE MBE/WBE FIRM PERFORMS "ALL OF THE WORK" PERTAINING TO A SUBCONTRACTED ITEM ENTER 100 % IN COLUMN "B".
- IF THE MBE/WBE FIRM PERFORMS "A PORTION OF THE WORK" PERTAINING TO A SUBCONTRACTED ITEM THE PERCENTAGE IS CALCULATED BASED ON THE TOTAL VALUE OF THE ITEM AND ENTERED IN COLUMN "B". A BREAKDOWN OF THE COST MUST ACCOMPANY THIS SITUATION.

Attachment A

A	B	C
Reference Number of Items	Percent Work Subcontracted	Value of Item (Subcontracted, Manufactured or Supplied)
S-608-A	100	\$ 33,580.00
S-609-D	100	\$ 28,380.00
901-S-212-A	100	\$ 250.00
S-212-B	100	\$ 500.00
S-212-F	100	\$ 500.00
S-214-A	100	\$ 1,250.00
S-215-A	100	\$ 500.00
TOTAL		\$ 64,960.00
PERCENT OF TOTAL BID		13.03%



CONTRACTORS & ENGINEERS

POST OFFICE BOX 572
HATTIESBURG, MISSISSIPPI 39403
TELEPHONE (601)544-7811 – FAX (601)544-2005

POST OFFICE BOX 2545
GULFPORT, MISSISSIPPI 39503
TELEPHONE (228)896-8003 – FAX (228)896-8155

BREAKDOWN FOR MOBILIZATION

Project No.: HWY 11 Medical Access Road
City of Hattiesburg

MOBILIZATION	BID AMOUNT:	\$ 22,225.00
R&J Construction, Inc.		\$ 3,500.00
Traffic Control Products, Inc.		\$ 3,470.00
Materials Testing		\$ 4,000.00
Warren Paving, Inc.		\$ 11,255.00
	TOTAL:	\$ 22,225.00

WARREN PAVING, INC.

Jeremy Patterson

MBE and WBE LIST

PROJECT: HWY 11 Medical Access Rd. OWNER: City of Hattiesburg
NAME OF MBE/WBE FIRM: Traffic Control Products Co., Inc. ☐ RACE CONSCIOUS ☒ RACE NEUTRAL
ADDRESS: P.O. Box 620 Brandon, MS 39043

A	B	C
REFERENCE NUMBER OF ITEMS	PER CENT WORK SUBCONTRACTED , (SEE NOTE 4 & 5 BELOW)	VALUE OF ITEM (SUBCONTRACTED , MANUFACTURED OR SUPPLIED)
See Attachment A		\$11,791.50

*** I ACKNOWLEDGE AND COMMIT TO THE ITEMS AND PRICES STATED ABOVE. ***

Wendy R. Coarnu
SIGNATURE OF DBE

THE ITEMS AND PRICES STATED ABOVE. ***

[Signature]

SIGNATURE OF PRIME

DATE RECEIVED : _____

Warren Paving, Inc.

DATE APPROVED : _____

Jeremy Patterson

PRIME CONTRACTOR

APPROVED BY :

Estimator/Project Manager

SUBMITTED BY

TITLE

I AGREE TO SUBCONTRACT OR PURCHASE MATERIAL FROM THE MBE/WBE FIRM LISTED ABOVE AND I MAKE THIS COMMITMENT WITH THE UNDERSTANDING THAT IF I FAIL FOR GOOD REASON TO FULFILL THIS COMMITMENT I HAVE LISTED I WILL FULFILL THE TERMS OF MY CONTRACT AS LONG AS I REACH OR EXCEED THE CONTRACT GOAL OF 10% (MBE) and 5% (WBE).

INSTRUCTIONS

1. **SUBMIT THIS FORM TO OWNER NO LATER THAN THE THIRD (3) CALENDER DAY AFTER THE OPENING OF THE BIDS. (Email copies acceptable with originals to follow with documents.**
2. **60 % CREDIT IS ALLOWED TOWARD THE MBE/WBE GOAL FOR SUPPLIERS.**
3. **THE ACTUAL SUBCONTRACT AGREEMENT MUST EQUAL OR EXCEED THE DOLLAR AMOUNT SHOWN IN COLUMN "C".**
4. **IF THE MBE/WBE FIRM PERFORMS "ALL OF THE WORK" PERTAINING TO A SUBCONTRACTED ITEM ENTER 100 % IN COLUMN "B".**
5. **IF THE MBE/WBE FIRM PERFORMS "A PORTION OF THE WORK" PERTAINING TO A SUBCONTRACTED ITEM THE PERCENTAGE IS CALCULATED BASED ON THE TOTAL VALUE OF THE ITEM AND ENTERED IN COLUMN "B". A BREAKDOWN OF THE COST MUST ACCOMPANY THIS SITUATION.**

Attachment A

A	B	C
Reference Number of Items	Percent Work Subcontracted	Value of Item (Subcontracted, Manufactured or Supplied)
S-200-A	16	\$ 3,470.00
S-621-C	100	\$ 2,080.00
S-621-E-1	100	\$ 2,187.50
S-621-G-1	100	\$ 1,230.00
S-627-D	100	\$ 1,150.00
S-630-A	100	\$ 837.00
S-630-B	100	\$ 837.00
TOTAL		\$ 11,791.50
PERCENT OF TOTAL BID		2.36%

SECTION 902 PROPOSAL

The Established Contract Goal is 10 (%) percent for Minority Business Enterprises and 5 (%) percent for Women Business Enterprises.

The bidder hereby gives assurance that the bidder has made a good faith effort to meet the contract goal for MBE and WBE participation for which the proposal is submitted.

All prospective bidders are hereby notified that failure to meet the above listed goals could cause the contract not to be awarded to the apparent successful low bidder.

I/We agree to subcontract the Established Contract Goal percentage stated above to small business concerns owned and controlled by socially and economically disadvantaged individuals.

OR (Check appropriate:)

☒ I/we propose to subcontract 0 % of this contract to a MBE and 5.39 % to a WBE controlled by socially and economically disadvantaged individuals and have submitted herewith that information which will satisfy the Owner that adequate good faith efforts were made to meet the contract goal.

☐ Bidder is a small business concern WBE or MBE.

☐ This is a joint venture bid in which one or more of the participants is a small business concern MBE or WBE.

Respectfully Submitted:

James P. King, Inc.

By: [Signature]

Title: Estimator/Project Manager

NOTE: FAILURE TO SIGN THIS PART OF PROPOSAL SHALL BE CAUSE FOR REJECTION OF THE BID.

UNIT PRICE SCHEDULE (ADDENDUM NO. 1)

PROJECT Medical Park Access Roadway

City of Hattiesburg & Hattiesburg Clinic, P.A.

Hattiesburg, Mississippi

CONTRACT TIME: 90 DAYS

BID SCHEDULE					
ITEM NUMBER	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
S-200-A	MOBILIZATION	L.S.	LUMP SUM	\$ 22,225.00	\$ 22,225.00
S-201-A	CLEARING AND GRUBBING	L.S.	LUMP SUM	\$ 1,750.00	\$ 1,750.00
S-202-A	REMOVAL OF OBSTRUCTIONS (TIE-IN AT EXISTING ROADWAY)	L.S.	LUMP SUM	\$ 1,750.00	\$ 1,750.00
S-203-A	UNCLASSIFIED EXCAVATION (FM)	930.0	CU YD	\$ 6.70	\$ 6,231.00
S-203-E	BORROW EXCAVATION (CONTRACTOR FURNISHED LVM, CLASS 9-8)	1,160.0	CU YD	\$ 8.90	\$ 10,324.00
S-211-C	TOPSOIL (CONTRACTOR FURNISHED) (FM)	230.0	CU YD	\$ 23.20	\$ 5,336.00
S-240-A	GEOGRID REINFORCEMENT	1,500.0	SQ YD	\$ 4.80	\$ 7,200.00
S-304-D	CRUSHED STONE	925.0	TON	\$ 39.00	\$ 36,045.00
S-403-A	HOT MIX ASPHALT, (ST)(9.5MM)	240.0	TON	\$ 95.00	\$ 22,800.00
S-403-A	HOT MIX ASPHALT, (ST)(12.5MM)	320.0	TON	\$ 86.00	\$ 27,520.00
S-403-A	HOT MIX ASPHALT, (ST)(19MM)	480.0	TON	\$ 83.50	\$ 40,080.00
S-601-B	CLASS "B" STRUCTURAL CONCRETE, MINOR STRUCTURES	43.0	CU YD	\$ 1,050.00	\$ 45,150.00
S-602-A	REINFORCING STEEL	5,365.0	LB	\$ 1.80	\$ 9,657.00
S-603-C-A	24" REINFORCED CONCRETE PIPE, CLASS III	84.0	LIN. FT	\$ 49.00	\$ 4,116.00
S-603-C-A	48" REINFORCED CONCRETE PIPE, CLASS III	200.0	LIN. FT	\$ 106.00	\$ 21,200.00
S-603-C-B	48" REINFORCED CONCRETE PIPE, END SECTION	1.0	EACH	\$ 2,085.00	\$ 2,085.00
S-603-PE	24" CORRUGATED POLYETHYLENE PIPE	105.0	LIN. FT	\$ 47.00	\$ 4,935.00
S-603-PE	36" CORRUGATED POLYETHYLENE PIPE	290.0	LIN. FT	\$ 64.50	\$ 18,705.00
S-603-PE	48" CORRUGATED POLYETHYLENE PIPE	250.0	LIN. FT	\$ 94.00	\$ 23,500.00
S-608-A	CONCRETE SIDEWALK	920.0	SQ. YD.	\$ 44.50	\$ 40,940.00
S-609-D	COMBINATION CONCRETE CURB AND GUTTER	1,720.0	LIN. FT	\$ 20.70	\$ 35,604.00
S-613-A	ADJUSTMENT OF CASTINGS, GRATINGS, AND UTILITY APPURTENANCES	L.S.	LUMP SUM	\$ 4,000.00	\$ 4,000.00
S-617-A	RIGHT-OF-WAY MARKERS (TYPE II)	14.0	EACH	\$ 235.00	\$ 3,290.00
S-618-A	MAINTENANCE OF TRAFFIC	L.S.	LUMP SUM	\$ 10,700.00	\$ 10,700.00
S-621-C	4" WIDE THERMOPLASTIC EDGE STRIPE (CONTINUOUS WHITE)(60 MILS)	0.4	MILE	\$ 6,015.00	\$ 2,406.00
S-621-E-I	4" WIDE THERMOPLASTIC TRAFFIC STRIPE (CONTINUOUS YELLOW)(90 MILS)	1,750.0	LIN. FT.	\$ 1.40	\$ 2,450.00
S-621-G-I	THERMOPLASTIC DETAIL STRIPE (4" EQUIV LENGTH)(WHITE)(90 MILS)	246.0	LIN. FT	\$ 6.00	\$ 1,476.00
S-627-D	TWO-WAY YELLOW REFLECTIVE RAISED MARKERS	23.0	EACH	\$ 55.00	\$ 1,265.00
S-630-A	REFLECTORIZED TRAFFIC WARNING SIGN(ENCAPSULATED LENS)	1.0	EACH	\$ 910.00	\$ 910.00
S-630-B	REFLECTORIZED TRAFFIC REGULATORY SIGN (ENCAPSULATED LENS)	1.0	EACH	\$ 910.00	\$ 910.00

BID SCHEDULE					
ITEM NUMBER	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
ELECTRICAL ITEMS					
907-633-A	ROADWAY LIGHTING SYSTEM	L.S	LUMP SUM	\$ 72,000.00	\$ 72,000.00
EROSION CONTROL ITEMS					
901-S-212-A	AGRICULTURAL LIMESTONE	1.0	TON	\$ 290.00	\$ 290.00
S-212-B	COMMERCIAL FERTILIZER (13-13-13)	0.5	TON	\$ 1,160.00	\$ 580.00
S-212-F	AMMONIUM NITRATE	0.1	TON	\$ 5,800.00	\$ 580.00
S-214-A	SEEDING	0.5	ACRE	\$ 2,900.00	\$ 1,450.00
S-215-A	VEGETATIVE MATERIALS FOR MULCH	1.0	TON	\$ 580.00	\$ 580.00
S-234-A	TEMPORARY EROSION CONTROL MEASURES	L.S	LUMP SUM	\$ 7,000.00	\$ 7,000.00
S-815-A	LOOSE RIPRAP, 200 LB	20.0	TON	\$ 81.25	\$ 1,625.00
				TOTAL BID AMOUNT: \$18,195.00	

Bidder:

Jeremy Peterson
Walker Associates, Inc.

Company Name

Jeremy Peterson

Name

Estimator/Project Manager

Title

Address:

P.O. Box 572
Hattiesburg, MS 39403

NOTICE OF AWARD

TO: Warren Paving, Inc.
P.O. Box 572
Hattiesburg, MS 39403

Project Description: HIGHWAY 11 MEDICAL PARK ACCESS ROADWAY
MISSISSIPPI DEVELOPMENT INFRASTRUCTURE GRANT
(DIP-363), CITY OF HATTIESBURG, MISSISSIPPI

The Owner has considered the bid submitted by you for the above described Work in response to its Advertisement for Bids published May 10, 2017 and May 17, 2017 and Information for Bidders.

You are hereby notified that your Bid has been accepted for items identified as Base Bid in the amount of \$498,695.00.

You are required under the terms of the Notice Inviting Bids and the Information for Bidders to execute the Agreement and furnish the required bonds and certificates of insurance within 10 calendar days from the date of this Notice to you.

If you fail to execute said Agreement and to furnish said bonds and certificates of insurance within 10 days from the date of this notice, said Owner will be entitled to consider all your rights arising out of the Owner's acceptance of your bid to be abandoned and as a forfeiture of your Bid Bond. The Owner will be entitled to such other rights as may be granted by law.

You are required to return an acknowledged copy of this Notice of Award to the Owner.

Dated this 3 day of August, 20 17.

By: _____

Title: _____

ACCEPTANCE OF NOTICE

Receipt of the foregoing Notice of Award is hereby acknowledged by Warren Paving, Inc.
this the _____ day of _____, 20 17.

By: _____

Title: _____

PART 2 CONTRACT FORMS

CONTRACT

THIS AGREEMENT made and entered into, this the _____ day of _____ in the year _____ by and between:

Warren Paving, Inc.

P.O. Box 572

Hattiesburg, MS 39403

(Firm or Corporation, Name and Address)

duly authorized and qualified to do business in the State of Mississippi, hereinafter called the CONTRACTOR, and CITY OF HATTIESBURG, MISSISSIPPI, hereinafter called the OWNER.

WITNESSETH, that CONTRACTOR and the OWNER for considerations hereinafter named agree as follows:

SCOPE OF WORK

CONTRACTOR shall furnish all labor, materials, supervision, tools, equipment, supplies, and appurtenances, and perform all work on the Contract Drawings entitled HIGHWAY 11 MEDICAL PARK ACCESS ROADWAY MISSISSIPPI DEVELOPMENT INFRASTRUCTURE GRANT (DIP-363), as prepared by The Walker Associates, Engineers-Planners-Designers, and shall do everything required by this CONTRACT AGREEMENT and the Contract Documents, all to the satisfaction of the OWNER in accordance and compliance with the Contract Documents.

CONTRACT DOCUMENTS

It is understood and agreed that the Advertisement for Bids, Information for Bidders, Addenda, Bid, Bid Bond, Notice of Award, Contract, Contract Bond, Certificate of Owner's Attorney, Notice to Proceed, General Conditions, Special Conditions, Technical Specifications, Change Order, and Plans, said plans showing more particularly the details of the work to be done, shall be held to be and are hereby made a part of this contract by specific reference thereto and with like effect as if each and all of said instruments had been set out fully herein in words and figures.

TIME OF COMPLETION

The CONTRACTOR shall begin work within ten (10) days from the date of this Contract and shall complete all work within 90 calendar days after the date specified in the Notice to Proceed.

In case of failure on the part of the CONTRACTOR to complete the work within the calendar days specified, or any OWNER approved extensions, thereof, then the CONTRACTOR shall pay to the OWNER the sum of \$225.00 for each calendar day thereafter that the work remains incomplete. Such sums are agreed upon as the proper measures of liquidated damages that the OWNER will sustain by the failure of the CONTRACTOR to complete the work within the time(s) stipulated and those sums are not to be construed in any sense as penalties. The CONTRACTOR shall not be liable for the aforementioned damages or forfeiture of this CONTRACT by reason of delay due to acts of GOD or of the public enemy, acts or neglects of the OWNER, acts or neglects of any other contractor employed by the OWNER, or by changes ordered in the work, delay in procurement of material beyond the CONTRACTOR'S control, or any other causes beyond the CONTRACTOR'S control.

PROGRESS PAYMENTS

The OWNER shall make monthly progress payments to the CONTRACTOR on the basis of duly certified and approved estimated percentage of work completed by the Contractor (for each component of the Project) during the preceding calendar month, but the OWNER shall retain ten percent (10%) of the amount of each such estimate until final completion and acceptance of the work covered by this Contract.

ACCEPTANCE AND FINAL PAYMENT

Upon receipt of written notice from the CONTRACTOR that the work is ready for final inspection and acceptance, the OWNER shall promptly make such inspection and when he finds the work acceptable under the Contract and the Contract fully performed, he shall promptly issue a final certificate over its authorized signature, stating that the work provided for in this Contract has been completed and is accepted by him under the terms and conditions thereof, and the entire amount found to be due the CONTRACTOR shall be paid to the CONTRACTOR at the office of the OWNER within 30 days after the date of said final certificate.

Before issuance of final certificate, the CONTRACTOR shall submit evidence satisfactory to the OWNER that all payrolls, bills and/or claims, and other indebtedness connected with the work have been paid so as to save the OWNER harmless from any damage that may arise from the prosecution of this Contract.

The making and acceptance of the final payment shall constitute a waiver of all claims by the OWNER against the CONTRACTOR, other than those arising from unsettled liens, from faulty or defective work appearing after final payment, or from failure to comply with the requirements of the Contract Documents, or the terms of any special guarantee specified herein, and a waiver of all claims by the CONTRACTOR against the OWNER other than those previously made in writing and still unsettled.

If, after the work has been substantially completed, the full completion is materially delayed through no fault of the CONTRACTOR, the OWNER shall, and without terminating the Contract, make payment for the balance due for that portion of the work fully complete, except that it shall not constitute a waiver of claims.

TERMINATION OF CONTRACT

If the CONTRACTOR should be adjudged bankrupt, or if he should make a general assignment for the benefit of his creditors, or if a receiver should be appointed on account of his insolvency, or if he should persistently or repeatedly refuse, or should fail, except in cases for which extension of time is provided, to supply enough properly skilled workmen, equipment, or proper materials, or if he should fail to make prompt payment to subcontractor or for materials or labor, or persistently disregard laws, ordinances or the instruction of the OWNER or otherwise be guilty of a substantial violation of any provisions of the Contract, then the OWNER may without prejudice to any other right or remedy and after giving the CONTRACTOR written notice, terminate the employment of the CONTRACTOR and take possession of the premises and of all materials, tools, and appliances thereon and finish the work by whatever method the OWNER may deem expedient. In such case, the CONTRACTOR, shall not be entitled to receive any payment until the work is finished. If the amount owed to CONTRACTOR for work completed by him shall exceed the expense of finishing the work, including compensation for additional managerial and administrative services, such excess shall be paid to the CONTRACTOR. If such expense shall exceed the amount owed to the CONTRACTOR, the CONTRACTOR shall pay the difference to the OWNER as herein provided.

In the event of termination of Contract before completion of the work, due to abandonment of the Project or discontinuance thereof, the CONTRACTOR will be paid in proportion to the work completed and in progress.

LAWS, REGULATIONS, INSURANCE

The CONTRACTOR shall comply with the pertinent provisions of all local, state and federal laws, rules or regulations applicable to said work being performed, and shall carry all required Workmen's Compensation, casualty, or other liability insurance, and shall generally keep the OWNER indemnified against all fines, penalties, and losses incurred by reason of any breach of this stipulation.

INDEMNIFICATION

The CONTRACTOR shall be solely responsible for and shall protect and indemnify and save harmless the OWNER, OWNER'S employees, and ENGINEER from and against all damages, losses and all claims, demands, payments, suit actions, recoveries, and judgments of every nature and description brought or recovered against the OWNER, OWNER'S employees, and ENGINEER reason of any act or commission of the CONTRACTOR, his agents, employees, or sub-contractors in the execution of the work or in the guarding of it.

WORKMANSHIP

It is understood and agreed that all work shall be done in a thorough and workmanlike manner under the supervision and direction of the Engineer and to the satisfaction of the OWNER.

SUBLETTING

Neither party of this Contract shall assign the Contract or sublet it as a whole without the written consent of the other, nor shall the CONTRACTOR assign any monies due or to become due to him hereunder without written consent of the OWNER.

EXTRA WORK

If it becomes necessary for the CONTRACTOR to do work not specifically called for by this Contract, the OWNER and CONTRACTOR shall come to an agreement as to the amount of additional work to be done, and as to the cost of the additional work before the work is initiated.

The CONTRACTOR agrees that he has read each and every clause of this Contract and fully understands the meaning of same and that he will comply with all the terms, covenants, and agreements therein set forth.

IN WITNESS WHEREOF the parties hereby have executed this CONTRACT on the day and year first above written:

ATTEST:

OWNER:

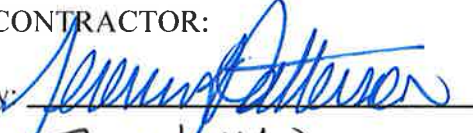
By: _____

ATTEST:



CFO

CONTRACTOR:

By: 
Title: Project Manager

Regions Insurance

1020 Highland Colony Parkway, Ste. 302, Ridgeland, MS 39157

PH 601-790-8500

WATTS 800-844-6700

FAX 601-7908558

Bond No. 106684639

AIA Document A312

Performance Bond

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

CONTRACTOR (Name and Address):

Warren Paving, Inc.
P. O. Box 572
Hattiesburg, MS 39403

SURETY (Name and Principal Place of Business):

Travelers Casualty and Surety Company of America
One Tower Square
Hartford, CT 06183

OWNER (Name and Address):

City of Hattiesburg
200 Forrest Street
Hattiesburg, MS 39401

CONSTRUCTION CONTRACT**Date:**

Amount: \$498,695.00 Four Hundred Ninety Eight Thousand Six Hundred Ninety Five Dollars and 00/100

Description (Name and Location): Highway 11 Medical Park Access Roadway, Mississippi Development Infrastructure Grant (DIP-363)

BOND

Date (Not earlier than Construction Contract Date):

Amount: \$498,695.00 Four Hundred Ninety Eight Thousand Six Hundred Ninety Five Dollars and 00/100

Modifications to this Bond:

☒ None

☐ See Page 3

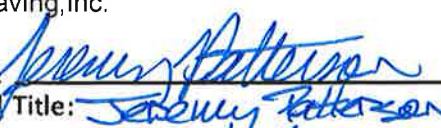
CONTRACTOR AS PRINCIPAL**Company:**

Warren Paving, Inc.

(Corporate Seal)

SURETY Travelers Casualty and Surety Company of America**Company:**

(Corporate Seal)

Signature: 

Name and Title: 

Project Manager

Signature: 

Name and Title: Joshua T. Jones
Attorney-in-Fact

(Any additional signatures appear on page 3)

(FOR INFORMATION ONLY—Name, Address and Telephone)

AGENT or BROKER:

Regions Insurance
1020 Highland Colony Parkway, Ste. 302
Ridgeland, MS 39157

OWNER'S REPRESENTATIVE (Architect, Engineer or other party):
The Walker Associates

1 The Contractor and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.

2 If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except to participate in conferences as provided in Subparagraph 3.1.

3 If there is no Owner Default, the Surety's obligation under this Bond shall arise after:

3.1 The Owner has notified the Contractor and the Surety at its address described in Paragraph 10 below that the Owner is considering declaring a Contractor Default and has requested and attempted to arrange a conference with the Contractor and the Surety to be held not later than fifteen days after receipt of such notice to discuss methods of performing the Construction Contract. If the Owner, the Contractor and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Construction Contract, but such an agreement shall not waive the Owner's right, if any, subsequently to declare a Contractor Default; and

3.2 The Owner has declared a Contractor Default and formally terminated the Contractor's right to complete the contract. Such Contractor Default shall not be declared earlier than twenty days after the Contractor and the Surety have received notice as provided in Subparagraph 3.1; and

3.3 The Owner has agreed to pay the Balance of the Contract Price to the Surety in accordance with the terms of the Construction Contract or to a contractor selected to perform the Construction Contract in accordance with the terms of the contract with the Owner.

4 When the Owner has satisfied the conditions of Paragraph 3, the Surety shall promptly and at the Surety's expense take one of the following actions:

4.1 Arrange for the Contractor, with consent of the Owner, to perform and complete the Construction Contract; or

4.2 Undertake to perform and complete the Construction Contract itself, through its agents or through independent contractors; or

4.3 Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Construction Contract, arrange for a contract to be prepared for execution by the Owner and the contractor selected with the Owner's concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Construction Contract, and pay to the Owner the amount of damages as described in Paragraph 6 in excess of the Balance of the Contract Price incurred by the Owner resulting from the Contractor's default; or

4.4 Waive its right to perform and complete, arrange for completion, or obtain a new contractor and with reasonable promptness under the circumstances:

.1 After investigation, determine the amount for

which it may be liable to the Owner and, as soon as practicable after the amount is determined, tender payment therefor to the Owner; or

.2 Deny liability in whole or in part and notify the Owner citing reasons therefor.

5 If the Surety does not proceed as provided in Paragraph 4 with reasonable promptness, the Surety shall be deemed to be in default on this Bond fifteen days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Subparagraph 4.4, and the Owner refuses the payment tendered or the Surety has denied liability, in whole or in part, without further notice the Owner shall be entitled to enforce any remedy available to the Owner.

6 After the Owner has terminated the Contractor's right to complete the Construction Contract, and if the Surety elects to act under Subparagraph 4.1, 4.2, or 4.3 above, then the responsibilities of the Surety to the Owner shall not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner to the Surety shall not be greater than those of the Owner under the Construction Contract. To the limit of the amount of this Bond, but subject to commitment by the Owner of the Balance of the Contract Price to mitigation of costs and damages on the Construction Contract, the Surety is obligated without duplication for:

6.1 The responsibilities of the Contractor for correction of defective work and completion of the Construction Contract;

6.2 Additional legal, design professional and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Paragraph 4; and

6.3 Liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Contractor.

7 The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Construction Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators or successors.

8 The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.

9 Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and shall be instituted within two years after Contractor Default or within two years after the Contractor ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation avail-

able to sureties as a defense in the jurisdiction of the suit shall be applicable.

10 Notice to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the signature page.

11 When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. The intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

12 DEFINITIONS

12.1 Balance of the Contract Price: The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have been made, including allowance to the Con-

tractor of any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract.

12.2 Construction Contract: The agreement between the Owner and the Contractor identified on the signature page, including all Contract Documents and changes thereto.

12.3 Contractor Default: Failure of the Contractor, which has neither been remedied nor waived, to perform or otherwise to comply with the terms of the Construction Contract.

12.4 Owner Default: Failure of the Owner, which has neither been remedied nor waived, to pay the Contractor as required by the Construction Contract or to perform and complete or comply with the other terms thereof.

MODIFICATIONS TO THIS BOND ARE AS FOLLOWS:

(Space is provided below for additional signatures of added parties, other than those appearing on the cover page.)

CONTRACTOR AS PRINCIPAL
Company:

(Corporate Seal)

SURETY
Company:

(Corporate Seal)

Signature: _____
Name and Title: _____
Address: _____

Signature: _____
Name and Title: _____
Address: _____

Regions Insurance

1020 Highland Colony Parkway, Ste. 302, Ridgeland, MS 39157

PH 601-790-8500

WATTS 800-844-6700

FAX 601-7908558

Bond No. 106684639

AIA Document A312

Payment Bond

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

CONTRACTOR (Name and Address):

Warren Paving, Inc.
P. O. Box 572
Hattiesburg, MS 39403

SURETY (Name and Principal Place of Business):

Travelers Casualty and Surety Company of America
One Tower Square
Hartford, CT 06183

OWNER (Name and Address):

City of Hattiesburg
200 Forrest Street
Hattiesburg, MS 39401

CONSTRUCTION CONTRACT**Date:**

Amount: \$498,695.00 Four Hundred Ninety Eight Thousand Six Hundred Ninety Five Dollars and 00/100

Description (Name and Location): Highway 11 Medical Park Access Roadway, Mississippi Development Infrastructure Grant (DIP-363)

BOND**Date (Not earlier than Construction Contract Date):**

Amount: 498,695.00 Four Hundred Ninety Eight Thousand Six Hundred Ninety Five Dollars and 00/100

Modifications to this Bond:

☒ None

☐ See Page 6

CONTRACTOR AS PRINCIPAL**Company:**

Warren Paving, Inc.

(Corporate Seal)

SURETY Travelers Casualty and Surety Company of America**Company:**

(Corporate Seal)

Signature:

Name and Title:

Jeremy Patterson
Jeremy Patterson
Project Manager

Signature:

Name and Title: Joshua T. Jones
Attorney-in-Fact

(Any additional signatures appear on page 6)

(FOR INFORMATION ONLY—Name, Address and Telephone)**AGENT or BROKER:**

Regions Insurance
1020 Highland Colony Parkway, Ste. 302
Ridgeland, MS 39157

OWNER'S REPRESENTATIVE (Architect, Engineer or other party):

The Walker Associates

1 The Contractor and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner to pay for labor, materials and equipment furnished for use in the performance of the Construction Contract, which is incorporated herein by reference.

2 With respect to the Owner, this obligation shall be null and void if the Contractor:

2.1 Promptly makes payment, directly or indirectly, for all sums due Claimants, and

2.2 Defends, indemnifies and holds harmless the Owner from claims, demands, liens or suits by any person or entity whose claim, demand, lien or suit is for the payment for labor, materials or equipment furnished for use in the performance of the Construction Contract, provided the Owner has promptly notified the Contractor and the Surety (at the address described in Paragraph 12) of any claims, demands, liens or suits and tendered defense of such claims, demands, liens or suits to the Contractor and the Surety, and provided there is no Owner Default.

3 With respect to Claimants, this obligation shall be null and void if the Contractor promptly makes payment, directly or indirectly, for all sums due.

4 The Surety shall have no obligation to Claimants under this Bond until:

4.1 Claimants who are employed by or have a direct contract with the Contractor have given notice to the Surety (at the address described in Paragraph 12) and sent a copy, or notice thereof, to the Owner, stating that a claim is being made under this Bond and, with substantial accuracy, the amount of the claim.

4.2 Claimants who do not have a direct contract with the Contractor:

- 1 Have furnished written notice to the Contractor and sent a copy, or notice thereof, to the Owner, within 90 days after having last performed labor or last furnished materials or equipment included in the claim stating, with substantial accuracy, the amount of the claim and the name of the party to whom the materials were furnished or supplied or for whom the labor was done or performed; and
- 2 Have either received a rejection in whole or in part from the Contractor, or not received within 30 days of furnishing the above notice any communication from the Contractor by which the Contractor has indicated the claim will be paid directly or indirectly; and
- 3 Not having been paid within the above 30 days, have sent a written notice to the Surety (at the address described in Paragraph 12) and sent a copy, or notice thereof, to the Owner, stating that a claim is being made under this Bond and enclosing a copy of the previous written notice furnished to the Contractor.

5 If a notice required by Paragraph 4 is given by the Owner to the Contractor or to the Surety, that is sufficient compliance.

6 When the Claimant has satisfied the conditions of Paragraph 4, the Surety shall promptly and at the Surety's expense take the following actions:

6.1 Send an answer to the Claimant, with a copy to the Owner, within 45 days after receipt of the claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed.

6.2 Pay or arrange for payment of any undisputed amounts.

7 The Surety's total obligation shall not exceed the amount of this Bond, and the amount of this Bond shall be credited for any payments made in good faith by the Surety.

8 Amounts owed by the Owner to the Contractor under the Construction Contract shall be used for the performance of the Construction Contract and to satisfy claims, if any, under any Construction Performance Bond. By the Contractor furnishing and the Owner accepting this Bond, they agree that all funds earned by the Contractor in the performance of the Construction Contract are dedicated to satisfy obligations of the Contractor and the Surety under this Bond, subject to the Owner's priority to use the funds for the completion of the work.

9 The Surety shall not be liable to the Owner, Claimants or others for obligations of the Contractor that are unrelated to the Construction Contract. The Owner shall not be liable for payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligations to make payments to, give notices on behalf of, or otherwise have obligations to Claimants under this Bond.

10 The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.

11 No suit or action shall be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the location in which the work or part of the work is located or after the expiration of one year from the date (1) on which the Claimant gave the notice required by Subparagraph 4.1 or Clause 4.2.3, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract, whichever of (1) or (2) first occurs. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

12 Notice to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the signature page. Actual receipt of notice by Surety, the Owner or the Contractor, however accomplished, shall be sufficient compliance as of the date received at the address shown on the signature page.

13 When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. The intent is that this

Bond shall be construed as a statutory bond and not as a common law bond.

14 Upon request by any person or entity appearing to be a potential beneficiary of this Bond, the Contractor shall promptly furnish a copy of this Bond or shall permit a copy to be made.

15 DEFINITIONS

15.1 Claimant: An individual or entity having a direct contract with the Contractor or with a subcontractor of the Contractor to furnish labor, materials or equipment for use in the performance of the Contract. The intent of this Bond shall be to include without limitation in the terms "labor, materials or equipment" that part of water, gas, power, light, heat, oil, gasoline, telephone service or rental equipment used in the

Construction Contract, architectural and engineering services required for performance of the work of the Contractor and the Contractor's subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials or equipment were furnished.

15.2 Construction Contract: The agreement between the Owner and the Contractor identified on the signature page, including all Contract Documents and changes thereto.

15.3 Owner Default: Failure of the Owner, which has neither been remedied nor waived, to pay the Contractor as required by the Construction Contract or to perform and complete or comply with the other terms thereof.

MODIFICATIONS TO THIS BOND ARE AS FOLLOWS:

(Space is provided below for additional signatures of added parties, other than those appearing on the cover page.)

CONTRACTOR AS PRINCIPAL
Company:

(Corporate Seal)

SURETY
Company:

(Corporate Seal)

Signature: _____
Name and Title:
Address:

Signature: _____
Name and Title:
Address:

TRAVELERS**POWER OF ATTORNEY**

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company

Attorney-In Fact No.

230304

Certificate No. 007014799

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Charles F. Porter, Joshua T. Jones, Wesley H. McCubbins, and Elizabeth Cramer

of the City of Ridgeland, State of Mississippi, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 18th day of October, 2016.

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company



State of Connecticut
 City of Hartford ss.

By:

Robert L. Raney
 Robert L. Raney, Senior Vice President

On this the 18th day of October, 2016 before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
 My Commission expires the 30th day of June, 2021.



Marie C. Tetreault
 Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

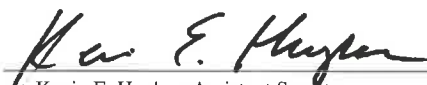
FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this _____ day of _____, 20 ____.


Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

NOTICE TO PROCEED

To: Warren Paving, Inc.
P.O. Box 572
Hattiesburg, MS 39403

Date:

Project: HIGHWAY 11 MEDICAL PARK
ACCESS ROADWAY MISSISSIPPI
DEVELOPMENT INFRASTRUCTURE
GRANT (DIP-363), CITY OF
HATTIESBURG, MISSISSIPPI

Your are hereby notified to commence WORK in accordance with the Agreement dated _____, 2017, on or before _____, 2017, and you are to complete the WORK within 90 consecutive calendar days thereafter. The date of completion of all WORK is therefore _____, 20 17.

Owner City of Hattiesburg, Mississippi

By _____

Title Mayor

ACCEPTANCE OF NOTICE

Receipt of above NOTICE TO PROCEED is hereby acknowledged by Warren Paving, Inc. this the _____ day of _____, 20 17.

By _____

Title _____

PART 3 CONDITIONS OF CONTRACT

GENERAL CONDITIONS

ARTICLE 1 DEFINITION OF TERMS

Whenever used in these General Conditions or in the other Contract Documents, the following terms shall have the meanings indicated, and shall be applicable to both the singular and plural thereof:

ADDENDUM. Written or graphic instructions issued prior to the opening of Bids which clarify, correct or change the bidding documents or the Contract Documents.

AGREEMENT. The written agreement between the OWNER and the CONTRACTOR, covering the work to be performed; other Contract Documents are attached to the Agreement and made a part thereof as provided herein.

APPLICATION FOR PAYMENT. The form accepted by the ENGINEER which is to be used by the CONTRACTOR in requesting progress or final payments and which is to include such supporting documentation as is required by the Contract Documents.

BID. The offer or proposal of the Bidder submitted on the prescribed form setting forth the prices for the work to be performed.

BIDDER. Any person, firm or corporation submitting a Bid for the work.

BONDS. Bid, performance, and payment bonds and other instruments of security, furnished by the CONTRACTOR and his surety in accordance with the Contract Documents.

CHANGE ORDER. A document recommended by ENGINEER, which is signed by the CONTRACTOR and OWNER and authorizes an addition, deletion or revision in the Work, or an adjustment in the Contract Price or the Contract Time, issued after the effective date of the Agreement.

CONTRACT DOCUMENTS. The Agreement, Specifications, Drawings, Addenda (whether or not issued prior to opening of bids or execution of the Agreement), Bonds, General Conditions, and Modifications.

CONTRACT PRICE. The total moneys payable by the OWNER to the CONTRACTOR under the Contract Documents as stated in the Agreement.

CONTRACT TIME. The number of calendar days stated in the Agreement for the completion of the Work.

CONTRACTOR. The person, firm or corporation with whom the OWNER has entered into the Agreement.

DRAWINGS. The drawings and plans which show the character and scope of the Work to be performed and which have been prepared or approved by the ENGINEER and are referred to in the Contract Documents.

ENGINEER. The person, firm or corporation named as such in the Agreement.

FIELD ORDER. A written order issued by the ENGINEER which clarifies or interprets the Contract Documents in accordance with Article 14.1 or orders minor changes in the Work in accordance with Article 20.2.

MODIFICATION. (a) A written amendment of the Contract Documents signed by both parties, (b) a Change Order, (c) a written clarification or interpretation issued by ENGINEER in accordance with Article 14.1 or (d) a written order for a minor change or alteration in the work issued by the ENGINEER pursuant to Article 20.2. A modification may only be issued after execution of the Agreement.

NOTICE OF AWARD. The written notice by OWNER to the apparent successful bidder stating that upon compliance by the apparent successful bidder with the conditions precedent enumerated therein, within the time specified, OWNER will sign and deliver the Agreement.

NOTICE TO PROCEED. A written notice given by OWNER to CONTRACTOR (with a copy to ENGINEER) fixing the date on which the Contract Time will commence to run and on which CONTRACTOR shall start to perform CONTRACTOR'S obligations under the Contract Documents.

OWNER. The public body or authority, corporation, association, partnership, or individual with whom CONTRACTOR has entered into the Agreement and for whom the Work is to be performed.

PROJECT. The entire construction to be performed as provided in the Contract Documents.

RESIDENT PROJECT REPRESENTATIVE. The authorized representative of the ENGINEER who is assigned to the Project or any parts thereof.

SHOP DRAWINGS. All drawings, diagrams, illustrations, brochures, schedules and other data which are prepared by the CONTRACTOR, a Subcontractor, manufacturer, supplier or distributor and which illustrate the equipment, material or some portion of the Work.

SPECIFICATIONS. Those portions of the Contract Documents consisting of written technical descriptions of materials, equipment, construction systems, standards and workmanship as applied to the Work and certain administrative details applicable thereto.

SUBCONTRACTOR. An individual, firm or corporation having a direct contract with the CONTRACTOR or with any other Subcontractor for the performance of a part of the Work at the site.

SUBSTANTIAL COMPLETION. The date as certified by the ENGINEER when the construction of the Project or a specified part thereof is sufficiently complete, in accordance with the Contract Documents, so that the Project or specified part can be utilized for the purposes for which it was intended; or if there can be no such certification, the date when final payment is due.

SUPERINTENDENT. Contractor's representative.

WORK. Any and all obligations, duties, and responsibilities necessary to the successful completion of the Project assigned to or undertaken by the CONTRACTOR under the Contract Documents, usually including the furnishing of all labor, materials, equipment, and other incidentals.

ARTICLE 2 - AWARD, EXECUTION OF DOCUMENTS, DELIVERY OF BONDS

- 2.1 THE AWARD OF THE CONTRACT, if it is awarded, will be to the lowest responsible Bidder whose qualifications indicate that the award will be in the best interest of the OWNER and whose proposal complies with all the prescribed requirements. No award will be made until the OWNER has concluded such investigations as he deems necessary to establish the responsibility, qualifications and financial ability of the Bidders to do the Work in accordance with the Contract Documents to the satisfaction of the OWNER within the time prescribed. The OWNER reserves the right to reject the Bid of any Bidder who does not meet such qualifications to the OWNER'S satisfaction. In analyzing Bids, the OWNER may take into consideration alternatives and unit prices, if requested by the Bid forms. If the contract is awarded, the OWNER shall give the successful Bidder written notice of the award within thirty days after the opening of the Bids.
- 2.2 At least three counterparts, of the Agreement and of such other Contract Documents as practicable shall be signed by the OWNER and the CONTRACTOR. The OWNER shall identify those portions of the Contract Documents not to be signed and such identification shall be binding on both the Owner and the CONTRACTOR shall each receive an executed counterpart of the Contract Documents.
- 2.3 Simultaneously with the execution of the Agreement, the CONTRACTOR shall deliver to the OWNER the required Bonds.
- 2.4 Failure of the successful Bidder to execute the Agreement and deliver the required Bonds within ten days of the Notice of Award shall be just cause for the OWNER to annul the award and declare the Bid and any guarantee thereof forfeited.

**ARTICLE 3 - PROGRESS AND SUBMISSION SCHEDULES; PRECONSTRUCTION
CONFERENCE; TIME FOR STARTING THE WORK**

- 3.1 Within ten days after execution of the Agreement, the CONTRACTOR shall submit to the ENGINEER for approval, an estimated progress schedule indicating the starting and completion dates of the various stages of the Work, and a schedule of Shop Drawing submissions. At least ten days prior to submitting the first Application for Payment he shall also submit a schedule of values as required by Article 26.1.
- 3.2 Before starting the Work, a conference will be held to review the above plans and schedules, to establish procedures for handling Shop Drawings and other submissions; for processing Applications for Payment; and to establish a working understanding between parties as to the conduct of the Project. Present at the conference will be the OWNER, the ENGINEER, the resident PROJECT REPRESENTATIVE, the CONTRACTOR and the Superintendent.
- 3.3 Prior to starting the Work the Contractor shall furnish the OWNER and ENGINEER certificates of insurance as indicated in Article 32.
- 3.4 The CONTRACTOR shall start the Work within ten days of the date on which the Agreement is executed and delivered or on such other date, as may be specified in the Agreement. However, at the time of the execution and delivery of the Agreement the ENGINEER may give the CONTRACTOR a written notice to proceed, stating a different date on which it is expected that the CONTRACTOR will start Work, but such date shall not be more than thirty days after the date of execution and delivery of the Agreement.
- 3.5 The Contract Time shall commence on the date the work is to start as provided in Article 3.4 unless work begins at an earlier date.

**ARTICLE 4 - CORRELATION, INTERPRETATION AND INTENT OF CONTRACT
DOCUMENTS**

- 4.1 It is the intent of the Specifications and Drawings to describe the complete Project to be constructed in accordance with the Contract Documents. The Contract Documents comprise the entire Agreement between the OWNER and the CONTRACTOR. They may be altered only by a Modification.
- 4.2 The Contract Documents are complementary: what is called for by one is as binding as if called for by all. If the CONTRACTOR finds a conflict, error or discrepancy in the Contract Documents, he shall call it to the Owner's and Engineer's attention in writing before proceeding with the Work affected thereby. In resolving such conflicts, errors and discrepancies, the documents shall be given precedence in the following order: Agreement, Specifications, Drawings. Within the Specifications the order of precedence shall be as follows: Special Conditions, Instructions to Bidders, General Conditions, Technical

Provisions. Figure dimensions on Drawings shall govern over scale dimensions, and detailed Drawings shall govern over general Drawings. Any work that may reasonably be inferred from the Specifications or Drawings as being required to produce the intended result shall be supplied whether or not it is specifically called for. Work, materials or equipment described in words which when so applied have a well-known technical or trade meaning shall be deemed to refer to such recognized standards. The CONTRACTOR assumes full responsibility for having familiarized himself with the nature and extent of the Contract Documents, Work, locality, and local conditions that may in any manner affect the Work to be done.

ARTICLE 5 - OWNERSHIP AND COPIES OF DOCUMENTS; RECORD DOCUMENTS

- 5.1 All specifications, Drawings and copies thereof furnished by the ENGINEER shall remain his property. They shall not be used on another Project, and with the exception of those sets which have been furnished in connection with the execution of the Agreement, shall be returned to him on request upon completion of the Project.
- 5.2 The ENGINEER shall furnish to the CONTRACTOR up to three copies of the Specifications and Drawings as are reasonably necessary for the execution of the Work. Additional copies will be furnished, upon request, at the cost of reproduction.
- 5.3 The CONTRACTOR shall keep one record copy of all Specifications, Drawings, Addenda, Modifications, and Shop Drawings at the site in good order and annotated to show all changes made during the construction process. These shall be available to the ENGINEER and shall be delivered to him for the OWNER upon completion of the Project.

ARTICLE 6 - WORK BY OTHERS

- 6.1 The OWNER may perform additional work related to the Project by himself, or he may let other direct contracts thereof which shall contain General Conditions similar to these. The CONTRACTOR shall afford the other contractors who are parties to such direct contracts (or the owner, if he is performing the additional work himself), reasonable opportunity for the introduction and storage of materials and equipment and the execution of work, and properly connect and coordinate his Work with theirs.
- 6.2 If any part of the CONTRACTOR'S Work depends for proper execution or results upon the work of any other contractor or the OWNER, the CONTRACTOR shall inspect and promptly report to the ENGINEER in writing any defects or deficiencies in such work that render it unsuitable for proper execution and results. His failure to so report shall constitute an acceptance of the work as fit and proper for the relationship of his Work except as to defects and deficiencies which may appear in the other work after the execution of his work.

- 6.3 The CONTRACTOR shall do all cutting, fitting and patching of his Work that may be required to make its several parts come together properly and fit to receive or be received by such other work. The CONTRACTOR shall not endanger any work of others by cutting, excavating or otherwise altering their work and will only cut or alter their work with the written consent of the ENGINEER.
- 6.4 If the performance of additional work by other contractors or the OWNER is not noted in the Contract Documents prior to the award of the contract, written notice thereof shall be given to the CONTRACTOR prior to starting any such additional work by the OWNER. If the Contractor believes that the performance of such additional work by the Owner or others involves him in additional expense or entitles him to an extension of the Contract Time, he may make a claim therefor as provided in Article 21 and 23.

ARTICLE 7 - SUBCONTRACTS

- 7.1 Prior to the execution and delivery of the Agreement, the successful Bidder will submit to the OWNER or ENGINEER for acceptance a list of the names of Subcontractors and such other persons and organizations deemed appropriate by the Owner or Engineer. Prior to the execution and delivery of the Agreement, the OWNER or ENGINEER shall notify the successful bidder in writing in writing if the OWNER or ENGINEER, after due investigation, has reasonable objection to any Subcontractor person or organization on such list. The failure of the OWNER or ENGINEER to make objection to any Subcontractor, person or organization on the list prior to the execution and delivery of the Agreement shall constitute an acceptance of such Subcontractor, person or organization. Acceptance of any such Subcontractor, person or organization shall not constitute a waiver of any right of the OWNER or ENGINEER to reject defective Work, material or equipment not in conformance with the requirements of the Contract Documents.
- 7.2 The CONTRACTOR shall not employ any Subcontractor (whether initially or as a substitute) against whom the OWNER or ENGINEER may have reasonable objection, nor shall the CONTRACTOR be required to employ any Subcontractor against whom he has reasonable objection. The CONTRACTOR shall not make any substitution for any Subcontractor who has been accepted by the OWNER or ENGINEER unless the OWNER or ENGINEER determines that there is good cause for doing so.
- 7.3 The CONTRACTOR shall be fully responsible for all acts and omissions of his Subcontractor and of persons directly or indirectly employed by them and of persons for whose acts any of them may be liable to the same extent that he is responsible for the acts and omissions of persons directly employed by him. Nothing in the Contract Documents shall create any contractual relationship between any Subcontractor and OWNER or any obligation on the part of the OWNER to pay or to see to the payment of any Moneys due any Subcontractor, except as may otherwise be required by law. The OWNER may furnish to any Subcontractor, to the extent practicable, evidence of amounts paid to the CONTRACTOR on accounts of specific work done in accordance with the schedule of values.

- 7.4 The divisions and sections of the Specifications and the identifications of any drawings shall not control the Contractor in dividing the Work among Subcontractors or delineating the Work to be performed by any trade.
- 7.5 The CONTRACTOR agrees to specifically bind every Subcontractor to all of the applicable terms and conditions of the Contract Documents. Every Subcontractor, by undertaking to perform any of the Work, shall thereby automatically be deemed bound by such terms and conditions.
- 7.6 All Work performed for the CONTRACTOR by a Subcontractor shall be pursuant to an appropriate agreement between the CONTRACTOR and the Subcontractor.

ARTICLE 8 - MATERIALS, EQUIPMENT AND LABOR: SUBSTITUTE MATERIAL AND EQUIPMENT

- 8.1 The CONTRACTOR shall provide and pay for materials, equipment, labor, transportation, construction equipment, and machinery, tools, appliances, fuel, power, light, heat, telephone, water and sanitary facilities and all other facilities and incidentals necessary for the execution, testing, initial operation and completion of the Work.
- 8.2 All materials and equipment furnished under the contract shall be new. If required by the OWNER or ENGINEER, the CONTRACTOR will furnish satisfactory evidence as to the kind and quality of materials and equipment.
- 8.3 Except for items where no substitution is clearly specified, whenever any material, article, device, product fixture, form, type of construction, or process is indicated or specified by patent or proprietary name, by name of manufacturer, or by catalog number, such specifications shall be deemed to be used for the purpose of establishing a standard of quality and facilitating a description of the material or process desired. This procedure is not to be construed as eliminating from competition other products of equal or better quality by other manufacturers where fully suitable in design, and shall be deemed to be followed by the words "Or Equal". The Contractor may, in such cases, submit complete comparative data to the Engineer for consideration of another material, type, or process which shall be substantially equal in every respect to that so indicated or specified. Materials or equipment covered by this Article shall not be ordered, delivered to the site, or used in the work unless approved in writing. The Engineer will be the sole judge of the equivalency of proposed material or equipment.

Requests for review of equivalency will not be accepted from anyone except the Contractor. Whenever, it is indicated in the Drawings or Specifications that a substitute or "or equal" may be furnished or used by the Contractor, if acceptable to the Engineer. Application for such acceptance will not be considered by Engineer until after the effective date of the Agreement.

Responsibility for the adequacy and performance of an "Or Equal" substitution lies solely with the Contractor. All requests from the Contractor for consideration of an "Or Equal" substitution shall clearly state any deviation for the Contract and all guarantee details.

When an "Or Equal" substitution is accepted, and it is found that such substitution alters the design or space requirements indicated on the Drawings, the Contractor shall be responsible for the costs involved to revise the design and construction, including the costs associated with the work of other contractors due to such substitution.

ARTICLE 9 - PATENT FEES AND ROYALTIES

The CONTRACTOR shall pay all license fees and royalties and assume all costs incidental to the use of any invention, design, process or device which is the subject of patent rights or copyrights held by others. He shall indemnify and hold harmless the OWNER and ENGINEER and anyone directly or indirectly employed by them from and against all claims, damages, losses, and expenses (including attorneys' fees) arising out of any infringement of such rights during or after completion of the Work, and shall defend all such claims in connection with any alleged infringement of such rights.

ARTICLE 10 - PERMITS, LAWS, TAXES AND REGULATIONS

- 10.1 The CONTRACTOR shall give all notices and comply with all laws, ordinances, rules, and regulations applicable to the Work. If the CONTRACTOR observes that the Specifications or Drawings are at variance therewith, he shall give the ENGINEER prompt written notice thereof, and any necessary changes shall be adjusted by an appropriate Modification. If the CONTRACTOR performs any Work knowing it to be contrary to such laws, ordinances rules, and regulations, and without such notice to the ENGINEER, he shall bear all costs arising therefrom.
- 10.2 The CONTRACTOR shall pay all sales, consumer, use and other similar taxes required by the law of the place where the Work is to be performed.

ARTICLE 11 - AVAILABILITY OF LANDS; PHYSICAL AND SUBSURFACE CONDITIONS; REFERENCE POINTS

- 11.1 The OWNER shall provide, as indicated in the Contract Documents and not later than the date when needed by the CONTRACTOR, the lands upon which the Work is to be done, rights-of-way for access thereto, and such other lands which are designated for the use of the CONTRACTOR. Easements for permanent structures or permanent changes in existing facilities will be secured and paid for by the OWNER, unless otherwise specified in the Contract Documents. If the CONTRACTOR believes that any delay in the OWNER'S furnishing these lands or providing such easements entitles him to an extension of the Contract Time, he may make a claim therefore as provided in Article 23. The

CONTRACTOR shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.

- 11.2 The OWNER shall furnish to the CONTRACTOR copies of all available boundary surveys and subsurface tests and other appropriate data that he may possess.
- 11.3 The CONTRACTOR shall promptly notify the OWNER or ENGINEER in writing of any subsurface or latent physical conditions at the site differing materially from those indicated in the Contract Documents. The ENGINEER shall promptly investigate those conditions and advise the OWNER in writing if further surveys or subsurface tests are necessary. Promptly thereafter, the OWNER shall obtain the necessary additional surveys and test and furnish copies to the CONTRACTOR. If the OWNER finds that the results of such surveys or test indicate subsurface or latent physical conditions differing significantly from those indicated in the Contract Documents, a Change Order shall be issued incorporating the necessary revisions.
- 11.4 REFERENCE POINTS. OWNER shall provide engineering surveys to establish reference points for construction which in ENGINEER'S judgment are necessary to enable CONTRACTOR to proceed with the Work. CONTRACTOR shall be responsible for laying out the Work (unless otherwise specified in the General Requirements), shall protect and preserve the established reference points and shall make no changes or relocations without the prior written approval of OWNER. CONTRACTOR shall report to ENGINEER whenever any reference point is lost or destroyed or requires relocation because of necessary changes in grades or locations, and shall be responsible for the accurate replacement or relocation of such reference points by professionally qualified personnel.

ARTICLE 12 - USE OF PREMISES

- 12.1 The CONTRACTOR shall confine his equipment, storage of materials and equipment, and the operations of his employees to areas permitted by law, ordinances, permits or the requirements of the Contract Documents, and shall not unreasonably encumber the premises with materials or equipment.
- 12.2 The CONTRACTOR shall not load or permit any part of the structure to be loaded with weights that will endanger the structure, nor shall he subject any part of the Work to stress or pressures that will endanger it.

- 12.3 The OWNER at any time may request the CONTRACTOR, in writing, to permit the OWNER to use any part of the work which the OWNER may require and which may be used without significant interference with construction of the other parts of the work. Within a reasonable time thereafter, the OWNER, the CONTRACTOR, and the ENGINEER shall make an inspection of that part of the work to determine its status of completion. If the ENGINEER does not consider that part of the work to be substantially complete, the ENGINEER will notify the OWNER and the CONTRACTOR in writing, giving his reasons therefor. If the ENGINEER considers that part of the work is substantially complete, the ENGINEER will execute and deliver to the OWNER and the CONTRACTOR a Certificate of Substantial Completion for that part of the work.

In lieu of the issuance of a Certificate of Substantial Completion, the OWNER may occupy and operate a facility constituting part of the work, whether or not it is substantially complete, if such facility is functionally and separately usable; provided that prior to any such takeover, the OWNER and the CONTRACTOR have agreed as to the division of responsibilities between the OWNER and the CONTRACTOR for security, operation, safety, maintenance, correction period, heat, utilities, and insurance with respect to such facility.

Such use shall not be considered as final acceptance of any portion of the work, nor shall such use be considered as cause for an extension of the Contract completion time, unless authorized by a Change Order issued by the OWNER.

ARTICLE 13 - OWNER'S STATUS DURING CONSTRUCTION

- 13.1 The OWNER and the CONTRACTOR are those persons or organizations identified as such in the Agreement and are referred to throughout the Contract Documents as if singular in number and masculine in gender.
- 13.2 The ENGINEER shall be the OWNER'S representative during the construction period. All instructions of the OWNER to the CONTRACTOR shall be issued through the ENGINEER. The duties and responsibilities and the limitations of authority of the ENGINEER as the OWNER'S representative during construction are set forth in Articles 1 through 42 of these General Conditions and shall not be extended without written consent of the OWNER.
- 13.3 The ENGINEER or his representative shall make periodic visits to the site to observe the progress and quality of the executed Work and to determine, in general, if the Work is proceeding in accordance with the Contract Documents. He shall not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of the Work nor will he be responsible for the construction means, methods, techniques, sequences or procedures, or the safety precautions incidental thereto. His efforts shall be directed toward providing assurance for the OWNER that the completed Project will conform to the requirements of the Contract Documents, but he shall not be responsible for the

CONTRACTOR'S failure to perform the Work in accordance with the Contract Documents. On the basis of his on-site observations as an experienced and qualified professional, he shall keep the OWNER informed of the progress of the work and shall endeavor to guard the OWNER against defects and deficiencies in the Work of contractors.

- 13.4 The OWNER or ENGINEER shall have authority to disapprove of or reject Work which is defective; i.e., it is unsatisfactory, faulty or defective, or does not conform to the requirements of the Contract Documents or does not meet the requirements of any inspection, test or approval procedure referred to in Article 16.1. He shall also have authority to require special inspection or testing of the Work as provided in Article 19.3, whether or not the Work is fabricated, installed or completed.
- 13.5 If the OWNER and ENGINEER agree, ENGINEER shall provide Resident Project Representatives to assist the ENGINEER in observing the performance of the work. The duties, responsibilities and limitations of authority of any such Resident Project Representative shall be set forth in an exhibit to be incorporated in the Contract Documents. In the event that his duties and responsibilities are not set forth in the Contract Documents, they shall be as specified herein for the OWNER.
- 13.6 Neither the ENGINEER'S authority to act under this Article nor any decision made by him in good faith either to exercise or not exercise such authority shall give rise to any duty or responsibility of the OWNER to the CONTRACTOR, any Subcontractor, any of their agents or employees or any other person performing any of the work.

ARTICLE 14 - ENGINEER'S INTERPRETATIONS AND DECISIONS

- 14.1 The ENGINEER shall issue with reasonable promptness such written clarifications or interpretations (in the form of drawings or otherwise) as he may deem necessary for the proper execution of the Work, such clarifications and interpretations to be consistent with or reasonably inferable from the overall intent of the Contract Documents. If the CONTRACTOR believes that a written clarification and interpretation entitles him to an increase in the Contract Price, he may make a claim therefor as provided in Article 21.
- 14.2 The ENGINEER shall be the initial interpreter of the terms and conditions of the Contract Documents and the judge of the performance thereunder. In his capacity as interpreter and judge he will exercise his best efforts to insure faithful performance by both the OWNER and the CONTRACTOR. He will not show partiality to either and shall not be liable for the result of any interpretation or decision rendered in good faith. Claims, disputes, and other matters relating to the execution and progress of the work or the interpretation thereof or performance under the Contract Documents shall be referred initially to the OWNER for decision, which he shall render in writing within a reasonable time.

ARTICLE 15 - SHOP DRAWINGS AND SAMPLES

- 15.1 After checking and verifying all field measurements, the CONTRACTOR shall submit to the ENGINEER for approval, in accordance with the accepted schedule of Shop Drawings submissions, five copies of all Shop Drawings, which shall have been checked by and stamped with the approval of the CONTRACTOR and identified as the ENGINEER may require. The data shown on the Shop Drawings shall be complete with respect to dimensions, design criteria, materials of construction, and the like to enable the ENGINEER to review the information as required.
- 15.2 The CONTRACTOR shall also submit to the ENGINEER for approval, with such promptness as to cause no delay in the Work, all samples required by the Contract Documents. All samples shall have been checked by and stamped with the approval of the CONTRACTOR, identified clearly as to material, manufacturer, pertinent catalog numbers, and the use for which intended.
- 15.3 At the time of each submission, the CONTRACTOR shall, in writing, call the ENGINEER'S attention to any deviations that the Shop Drawings or sample may have from the requirements of the Contract Documents.
- 15.4 The ENGINEER shall check and approve with reasonable promptness Shop Drawings and samples, but his checking and approval shall be only for conformance with the design concept of the Project and for compliance with the information given in the Contract Documents. The approval of a separate item, as such, will not indicate approval of the assembly in which the item functions. The CONTRACTOR shall make any corrections required by the ENGINEER and shall return the required number of corrected copies of Shop Drawings and resubmit new samples until approved. The CONTRACTOR shall direct specific attention in writing or on resubmitted Shop Drawings to revisions other than those called for by the ENGINEER on previous submissions.
- 15.5 No work requiring a Shop Drawing or sample submission shall be commenced until the submission has been approved by the ENGINEER.
- 15.6 The ENGINEER'S approval of Shop Drawings or samples shall not relieve the CONTRACTOR from his responsibility for any deviations from the requirements of the Contract Documents unless the CONTRACTOR has in writing called the ENGINEER'S attention to such deviations at the time of submission and the ENGINEER has given written approval to the specific deviation, nor shall any approval by the ENGINEER relieve the CONTRACTOR from responsibility for errors or omissions in the Shop Drawings.

ARTICLE 16 - TESTS AND INSPECTIONS

- 16.1 If the Contract Documents, laws, ordinances, rules, regulations or orders of any public authority having jurisdiction require any Work to specifically be inspected, tested, or approved by someone other than the CONTRACTOR, the CONTRACTOR shall give the ENGINEER timely notice of readiness therefor. The CONTRACTOR shall furnish the ENGINEER the required certificates of inspection, testing or approval. All such tests, will be in accordance with the methods prescribed by the American Society for Testing and Materials or such other applicable organization as may be required by law or the Contract Documents. If any such Work required so to be inspected, tested or approved is covered up without written approval or consent of the ENGINEER, it must, if directed by the ENGINEER, be uncovered for observation at the CONTRACTOR'S expense. The cost of all such inspections, tests and approvals shall be borne by the CONTRACTOR unless otherwise provided.
- 16.2 Any Work which fails to meet the requirements of any such test, inspection or approval and any Work which meets the requirements of any such test or approval but does not meet the requirements of the Contract Documents shall be considered defective. Such defective Work may be rejected, corrected or accepted as provided in Article 25.
- 16.3 Neither observations by the ENGINEER, or inspections, tests or approvals by persons other than the CONTRACTOR shall relieve the CONTRACTOR from his obligations to perform the Work in accordance with the requirements of the Contract Documents.

ARTICLE 17 - CONTRACTOR'S SUPERVISION AND SUPERINTENDENCE

- 17.1 The CONTRACTOR shall supervise and direct the Work efficiently and with his best skill and attention. He shall be solely responsible for the means, methods, techniques, sequences, and procedures of construction. Before undertaking the Work he shall carefully study and compare the Contract Documents and check and verify all figures shown thereon and all field measurements. He shall at once report in writing to the ENGINEER any conflict, error or discrepancy which he may discover. The CONTRACTOR shall be responsible to see that the finished Work complies accurately with the Contract Documents.
- 17.2 The CONTRACTOR shall keep on the Work at all times during its progress a resident superintendent satisfactory to the OWNER and ENGINEER. The superintendent will be the CONTRACTOR'S representative at the site and shall have the authority to act on behalf of the CONTRACTOR. All communications given to the superintendent shall be as binding as if given to the CONTRACTOR.
- 17.3 The CONTRACTOR shall provide competent, suitable qualified personnel to survey and layout the Work and perform construction as required by the Contract Documents. He will at all times maintain good discipline and order among his employees at the site.

- 17.4 The OWNER and ENGINEER shall not be responsible for the acts or omissions of the CONTRACTOR, or any Subcontractors, or any of his or their agents or employees, or any other persons performing any of the Work.

ARTICLE 18 - SAFETY AND PROTECTION; EMERGENCIES

- 18.1 The CONTRACTOR shall be responsible for initially, maintaining and supervising all safety precautions and programs in connection with the Work. He shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury, or loss to:
- 18.1.1 All employees on the Work and other persons who may be affected thereby.
- 18.1.2 All the Work and all materials or equipment to be incorporated therein, whether in storage on or off the site, and,
- 18.1.3 Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.

The CONTRACTOR shall comply with all applicable laws, ordinances, rules, regulations and orders of any public body having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss. He shall erect and maintain, as required by the conditions and progress of the Work, all necessary safeguards for safety and protection, including posting danger signs and other warnings against hazards and promulgating safety regulations. He shall notify owners of adjacent utilities when prosecution of the Work may affect them. When the use of explosives or other hazardous materials is necessary for the prosecution of the Work, the CONTRACTOR shall exercise the utmost care and shall carry on such activities under the supervision of properly qualified personnel. All damage, injury or loss to any property referred to in Article 18.1.2 or 18.1.3 caused, directly or indirectly, in whole or in part, by the CONTRACTOR, a Subcontractor or anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, shall be remedied by the CONTRACTOR, except damage or loss attributable to the fault of drawings or specifications or to the acts or omissions of the OWNER or any one employed by either of them or for whose acts either of them may be liable, and not attributable to the fault or negligence of the CONTRACTOR.

- 18.2 The CONTRACTOR shall designate a responsible member of his organization at the site whose duty shall be the prevention of accidents. This person shall be the CONTRACTOR'S superintendent unless otherwise designated in writing by the CONTRACTOR to the OWNER or ENGINEER.

- 18.3 In emergencies affecting the safety of persons or the Work on property at the site of adjacent thereto, the CONTRACTOR, without special instruction or authorization from the OWNER or ENGINEER, is obligated to act, at his discretion, to prevent threatened damage, injury or loss.

ARTICLE 19 - ACCESS TO THE WORK; UNCOVERING FINISHED WORK

- 19.1 The OWNER and ENGINEER and their representatives shall at all times have access to the Work. The CONTRACTOR shall provide proper facilities for such access and observation of the Work and also for any inspection, or testing thereof by others.
- 19.2 If any Work is covered contrary to the request of the ENGINEER, it must, if requested by the ENGINEER, be uncovered for his observation and replaced at the CONTRACTOR'S expense.
- 19.3 If any work has been covered which the ENGINEER has not specifically requested to observe prior to its being covered, or if the ENGINEER considers it necessary or advisable that covered Work be inspected or tested by others, the CONTRACTOR, at the Engineer's request, will uncover, expose or otherwise make available for observation, inspection or testing as the Engineer may require, that portion of the Work in question, furnishing all necessary labor, material and equipment. If it is found that such work is defective or does not meet requirements of the CONTRACT DOCUMENTS the CONTRACTOR will bear all the expenses of such uncovering, exposure, observation, inspection, and testing and of satisfactory reconstruction, including compensation for additional professional services, and an appropriate Change Order shall be issued deducting all such costs from the Contract Price.

ARTICLE 20 - CHANGES IN THE WORK

- 20.1 Without invalidating the Agreement, the Owner may, at any time or from time to time, order additions, deletions, or revisions in the Work; these will be authorized by Change Orders. Upon receipt of a Change Order the CONTRACTOR will proceed with the Work involved. All such Work shall be executed under applicable conditions of the Contract Documents. If any Change Order causes an increase or decrease in the Contract Price or an extension or shortening of the Contract Time, an equitable adjustment shall be made as provided in Article 21 or Article 23.
- 20.2 The OWNER may authorize minor changes or alterations in the Work not involving extra cost and not inconsistent with the overall intent of the Contract Documents. These may be accomplished by a Field Order. If the CONTRACTOR believes that any minor change or alteration authorized by the OWNER entitles him to an increase in the Contract Price, he may make a claim therefor as provided in Article 21.

- 20.3 Additional work performed by the CONTRACTOR without authorization of a Change Order shall not entitle him to an increase in the Contract Price or an extension of the Contract Time.
- 20.4 The OWNER shall execute any appropriate Change Order prepared by the ENGINEER covering changes in the Work to be performed as provided in Article 11.3 and any other claim of the CONTRACTOR for a change in the Contract Time or the Contract Price which is approved by the ENGINEER.
- 20.5 It is the CONTRACTOR'S responsibility to notify his surety of any changes affecting the general scope of Work or change in the Contract Price and the amount of the applicable Bonds shall be adjusted accordingly. The CONTRACTOR will furnish proof of such adjustment to the OWNER.

ARTICLE 21 - CHANGE OF CONTRACT PRICE

- 21.1 The Contract Price constitutes the total compensation payable to the CONTRACTOR for performing the Work. All duties, responsibilities, and obligations assigned to or undertaken by the CONTRACTOR shall be at his expense without change in the Contract Price.
- 21.2 The Contract Price may only be changed by a Change Order. If the CONTRACTOR is entitled by the Contract Documents to make a claim for an increase in the Contract Price, his claim shall be in writing and delivered to the OWNER within fifteen days of the occurrence of the event giving rise to the claim. All claims for adjustments in the Contract Price shall be determined by the ENGINEER if involved. Any change in the Contract Price resulting from any such claim shall be incorporated in a Change Order.
- 21.3 The value of any Work covered by a Change Order or of any claim for an increase or decrease in the Contract Price shall be determined in one of the following ways:
- 21.3.1 where the Work involved is covered by unit prices contained in the Contract Documents, by application of unit prices to the quantities of the items involved.
- 21.3.2 by mutual acceptance of a lump sum.
- 21.3.3 by cost and a mutually acceptable fixed amount for overhead and profit.
- 21.3.4 if none of the above methods is agreed upon, the value shall be determined by the Owner on the basis of costs and a percentage for overhead and profit. Costs shall only include labor (payroll, payroll taxes, fringe benefits, workman's compensation, etc.), materials, equipment, and other incidentals directly related to the Work involved. The maximum percentage which shall be allowed for the CONTRACTOR'S combined overhead and profit, shall be as follows:

21.3.4.1 for all such Work done by his own organization, the CONTRACTOR may add up to twenty-five percent of his actual net increase in cost, and 21.3.4.2 for all such Work done by Subcontractors, each Subcontractor may add up to fifteen percent of his actual net increase in costs for combined overhead and profit and the CONTRACTOR may add up to ten percent of the Subcontractor's total for his combined overhead and profit; provided that no overhead or profit shall be allowed on costs incurred in connection with premiums for public liability insurance or other special insurance directly related to such work. In such case and also under Article 21.3.3. the CONTRACTOR shall submit in form prescribed by the OWNER an itemized cost breakdown together with supporting data.

ARTICLE 22 - CASH ALLOWANCES

The CONTRACTOR shall include in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be done by such suppliers or Subcontractors and for such sums within the limit of the allowances that the OWNERS may approve. Upon final payment, the Contract Price shall be decreased as required and an appropriate Change Order issued. The CONTRACTOR agrees that the original Contract Price includes such sums as he deems proper for costs and profit on account of cash allowances. No demand for additional cost or profit in connection therewith will be allowed.

ARTICLE 23 - CHANGE OF CONTRACT TIME

- 23.1 The contract time may only be changed by a Change Order. If the CONTRACTOR is entitled by the Contract Documents to make a claim for an extension in the Contract Time, his claim shall be in writing delivered to the OWNER within ten days of the occurrence to the claims. All claims for adjustment in the Contract Time shall be determined by the ENGINEER if the OWNER and the CONTRACTOR cannot otherwise agree. Any change in the Contract Time resulting from any such claim shall be incorporated in a Change Order.
- 23.2 The Contract Time shall be extended in an amount equal to time lost due to delays beyond the control of the CONTRACTOR if he makes a claim therefor as provided in Article 23.1. Such delays shall include, but not be restricted to, acts of neglect by any separate contractor employed by the OWNER, fires, floods, labor disputes, epidemics, abnormal weather conditions, or so called ACTS OF GOD.

ARTICLE 24 - NEGLECTED WORK

If the CONTRACTOR should neglect to prosecute the Work in accordance with the Contract Documents, including any requirements of the progress schedule, the OWNER, after ten day written notice to the CONTRACTOR may, without prejudice to any other other remedy he may have, make good such deficiencies and the cost thereof (including compensation for additional professional services) shall be charged against the CONTRACTOR if the OWNER approves such action. In this event a Change Order shall be issued incorporating the necessary revisions in the Contract Documents including an appropriate reduction in the Contract Price. If the payments then or thereafter due the CONTRACTOR are not sufficient to cover such amount, the CONTRACTOR will pay the difference to the OWNER.

ARTICLE 25 - WARRANTY AND GUARANTEE; CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK

- 25.1 The CONTRACTOR warrants and guarantees to the OWNER that all materials and equipment shall be new unless otherwise specified and that all Work shall be of good quality and free from faults or defects and in accordance with the requirements of the Contract Documents and of any inspections, tests, or approvals referred to in Article 16.2. All unsatisfactory work, all faulty or defective work and all work not conforming to the requirements of the Contract Documents or of such inspections, tests, or approvals shall be considered defective. Prompt notice of all defects shall be given to the CONTRACTOR. All defective work, whether or not in place, may be rejected.
- 25.2 If required by the OWNER prior to approval of final payment, the CONTRACTOR shall promptly, without cost to the OWNER either correct any defective Work, whether or not fabricated, installed or completed, or if the Work has been rejected by the OWNER, remove it from the site and replace it with non-defective work. If the CONTRACTOR does not correct such defective Work or remove and replace such rejected Work within a reasonable time, as required by written notice from the ENGINEER, the OWNER may have the deficiency corrected or the rejected Work removed and replaced. All direct or indirect costs of such correction or removal and replacement, including compensation for additional professional services shall be paid by the CONTRACTOR, and an appropriate Change Order shall be issued deducting all such costs from the Contract Price. The CONTRACTOR shall also bear the expense of making good all work of others destroyed or damaged by the correction, removal or replacement of his defective Work.
- 25.3 If, after the approval of final payment and prior to the expiration of one year after the date of Substantial Completion or such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract Documents, any work is found to be defective, the CONTRACTOR shall, promptly and without cost to the OWNER, and in accordance with the OWNER'S written instructions, either correct such defective Work, or if it has been rejected by the OWNER, remove it from site and replace it with non-defective Work. If the CONTRACTOR does not promptly comply with the

terms of such instructions, the Owner may have the defective work corrected or the rejected work removed and replaced, and all direct and indirect costs of such removal and replacement, including compensation for additional professional services, shall be paid by the CONTRACTOR.

ARTICLE 26 - APPLICATION FOR PROGRESS PAYMENTS

- 26.1 At least ten days prior to submitting the first Application for a progress payment, the CONTRACTOR shall submit a schedule of values of the Work including quantities and unit prices aggregating the Contract Price. This schedule shall be satisfactory in form and substance to the ENGINEER and shall subdivide the Work into component parts in sufficient detail to serve as the basis for progress payments during construction. Upon approval of the schedule of values by the ENGINEER it shall be incorporated into the form of an Application for Payment approved by the ENGINEER.
- 26.2 At least ten days before each progress payment falls due (but not more often than once a month), the CONTRACTOR shall submit to the ENGINEER for review the Application for Payment filled out and signed by the CONTRACTOR covering the Work completed as of the date of the Application and supported by such data as the ENGINEER may reasonably require. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the site or at another location agreed to in writing, the Application for Payment shall also be accompanied by such supporting data, satisfactory to the OWNER as will establish the OWNER'S title to the material and equipment and protect his interests therein, including applicable insurance.
- 26.3 The CONTRACTOR warrants and guarantees that title to all Work, materials and equipment covered by an Application for Payment, whether incorporated in the Project or not, shall have passed to the OWNER prior to the making of the Application for Payment, free and clear of all liens, claims, security interests and encumbrances (hereafter in the General Conditions referred to as "Liens"); and that no Work, materials or equipment covered by an Application for Payment shall have been acquired by the CONTRACTOR or any other person performing the Work at the site or furnishing materials and equipment for the Project, subject to an agreement under which an interest therein or encumbrance thereon is retained by the seller or otherwise imposed by the CONTRACTOR or such other person.
- 26.4 The ENGINEER shall, within ten days after receipt of each Application for Payment, either indicate in writing his approval of payment and present the Application to the OWNER, or return the Application to the CONTRACTOR indicating in writing his reasons for refusing to approve payment. In the latter case, the CONTRACTOR may make the necessary corrections and resubmit the Application.

ARTICLE 27 - APPROVAL OF PAYMENTS

- 27.1 The ENGINEER'S approval of payment requested in application for Payment shall constitute a representation by him to the OWNER, based on the ENGINEER'S on-site observations of the Work in progress as an experienced and qualified design professional on his review of the Application for Payment and the supporting data, that the Work has progressed to the point indicated; that, to the best of his knowledge, information and belief, the quality of the Work is in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning Project upon Substantial Completion, and to the results of any subsequent tests called for in the Contract Documents and any qualifications stated in his approval); and that the CONTRACTOR is entitled to payment of the amount approved. However, by approving any such payment the ENGINEER shall not thereby be deemed to have represented that he made exhaustive or continuous on-site inspections to check the quality or the quantity of the Work, or that he has reviewed the means, methods, techniques, sequences, and procedures of construction or that he has made an examination to ascertain how or for what purpose the CONTRACTOR has used the moneys paid to him on account of the Contract Price.
- 27.2 The ENGINEER'S approval of final payment shall constitute an additional representation by him to the OWNER that the conditions precedent to the CONTRACTOR'S being entitled to final payment have been fulfilled.
- 27.3 The ENGINEER'S may refuse to approve the whole or any part of the payment if, in his opinion, he is unable to make such representations to the OWNER. He may also refuse to approve any such payment, or because of subsequently discovered evidence or the results of subsequent inspection or tests, nullify any such payment previously approved, to such extent as may be necessary in his opinion to protect the OWNER from loss because:
- 27.3.1 the Work is defective,
- 27.3.2 claims have been filed or there is reasonable evidence indicating the probable filing thereof,
- 27.3.3 the Contract Price has been reduced because of Modifications,
- 27.3.4 the OWNER has been required to correct defective Work in accordance with Article 25, or 27.3.5 unsatisfactory prosecution of the Work, including failure to clean up as required by Article 33.

ARTICLE 28 - FINAL PAYMENT

- 28.1 Upon written notice from the CONTRACTOR that the Project is complete, the ENGINEER shall make a final inspection with the OWNER and CONTRACTOR, and will notify the CONTRACTOR in writing of any articles in which this inspection reveals that the Work is defective. The CONTRACTOR shall immediately make such corrections as are necessary to remedy such defects.
- 28.2 After the CONTRACTOR has completed any such corrections to the satisfaction of the OWNER and ENGINEER and delivered all maintenance and operating instructions, schedules, guarantees, bonds, certificates of inspection and other documents--all as required by the Contract Documents, he may make application for final payment following the procedure for progress payments. The final Application for Payment shall be accompanied by such supporting data as the ENGINEER may require, together with complete and legally effective releases or waivers (satisfactory to the OWNER) of all Liens arising out of the Contract Documents and the labor and services performed and the material and equipment furnished thereunder. In lieu thereof and as approved by the OWNER, the CONTRACTOR may furnish receipts or releases in full; an affidavit of the CONTRACTOR that the release and receipts include all labor, services, material and equipment for which a lien could be filed, and that all payrolls, material and equipment bills, and other indebtedness connected with the Work for which the OWNER or his property might in any way be responsible, have been paid or otherwise satisfied; and consent of the surety, if any, to final payment.
- If any Subcontractor or supplier fails to furnish a release or receipt in full, the CONTRACTOR may furnish a bond satisfactory to the OWNER to indemnify him against any Lien.
- 28.3 On the basis of his observation and review of the Work during construction, his final inspection and his review of the final Application for Payment--all as required by the Contract Documents, the ENGINEER shall, within ten days after receipt of the final Application for payment, indicate in writing his approval of payment and present the Application to the OWNER for payment. Otherwise, he shall return the Application to the CONTRACTOR, indicating in writing his reasons for refusing to approve the final payment, in which case the CONTRACTOR shall make the necessary corrections and resubmit the Application.
- 28.4 If after Substantial Completion of the Work, final completion thereof is materially delayed through no fault of the CONTRACTOR, and the ENGINEER so confirms, the OWNER shall, upon certification by the ENGINEER, and without terminating the Agreement, make payment of the balance due for the portion of the Work fully completed and accepted. If the remaining balance for work not fully completed or corrected is less than the retainage stipulated in the Agreement, and if Bonds have been furnished as required in Article 31, the written consent of the surety to the payment of the balance due for that portion of the work fully completed and accepted shall be submitted by the

CONTRACTOR to the ENGINEER prior to certification of such payment. Such payment shall be made under the terms and conditions governing final payment, except that it shall not constitute a waiver of claims.

ARTICLE 29 - WAIVERS OF CLAIMS AND CONTINUING OBLIGATIONS

- 29.1 The CONTRACTOR'S obligation to perform the Work and complete the Project in accordance with the Contract Documents shall be absolute. Neither approval of any progress or final payment by the ENGINEER, nor the issuance of certificate of Substantial Completion, nor any payment by the OWNER to the CONTRACTOR under the Contract Documents, nor any use or occupancy of the Project or any part thereof by the OWNER, nor any act of acceptance by the OWNER or any failure to do so, nor any correction of faulty or defective work by the OWNER shall constitute an acceptance of Work not in accordance with the Contract Documents.
- 29.2 The making and acceptance of final payment shall constitute:
- 29.3 a waiver of all claims by the OWNER against the CONTRACTOR other than those arising from unsettled Liens, from faulty or defective work appearing after final payment, or from failure to comply with the requirements of the Contract Documents, or the terms of any special guarantees specified therein, and
- 29.4 a waiver of all claims by the CONTRACTOR against the OWNER other than those previously made in writing and still unsettled.

ARTICLE 30 - INDEMNIFICATION

The CONTRACTOR shall indemnify and hold harmless the OWNER and ENGINEER and their agents and employees from and against all claims, damages, losses and expenses including attorney's fees arising out of or resulting from the performance of the WORK, provided that any such claim, damage, loss or expense (a) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself) including the loss of use resulting therefrom and (b) is caused in whole or in part by any negligent act or omission of the CONTRACTOR, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder.

ARTICLE 31 - CONTRACT BONDS

The CONTRACTOR shall furnish performance and payment Bonds as security for the faithful performance and payment of all his obligations under the Contract Documents. These Bonds shall be in amounts at least equal to the Contract Price and in such form and with such sureties as are acceptable to the OWNER. Prior to execution of the Contract Documents the OWNER may require the CONTRACTOR to furnish such other Bonds, in such form and with such sureties as he may require. If such Bonds are required by written instructions given prior to opening of Bids, the premiums shall be paid by the CONTRACTOR; if subsequent thereto, they shall be paid by the OWNER.

ARTICLE 32 - CONTRACTOR'S LIABILITY INSURANCE

- 32.1 GENERAL. The Contractor shall provide, from insurance companies acceptable to the Owner, insurance to protect himself, his employees, his subcontractors, the public, and the interests of the Owner, Engineer, and their authorized agents against all hazards or risk of loss. The Contractor shall also include the Owner and Engineer as additional insureds in all his liability policies required by the Contract Documents with the exception of Worker's Compensation and Employer's Liability. At a minimum, the types and amount of such insurance shall be as set forth herein.

The Contractor shall deliver the Certificate of Insurance to the Owner at the same time he submits the signed Contract and Performance and Payment Bonds.

The Contractor shall require each subcontractor, prior to commencing work of any type, to provide and maintain adequate insurance.

It shall be the responsibility of the Contractor to maintain adequate insurance coverage. Failure of the Contractor to maintain adequate coverage shall not relieve him of any contractual responsibility or obligation.

- 32.2 WORKER'S COMPENSATION AND EMPLOYER'S LIABILITY. The Contractor shall maintain during the life of the Contract the statutory Workmen's Compensation, in addition, Employer's Liability Insurance in an amount not less than \$100,000 for each occurrence, for all his employees to be engaged in work on the project under this Contract and, in case any such work is subcontracted, the Contractor shall require the subcontractor similarly to provide Workmen's Compensation and Employer's Liability Insurance for all of the latter's employees to be engaged in such work. Where work under this Contract includes any water or navigational exposure, coverage shall be included to cover the Federal Longshoremen's and Harborworker's Act and the Federal Jones Act. When the work under this Contract includes any railroad hazards, coverage shall be included for the Federal Employee Liability Act. The Contractor shall also maintain insurance covering him against claims for injury, disease, or death of employees which, for a reason, may not fall within the provisions of a worker's compensation law. Policies hereunder shall include an "all states" endorsement.

32.3 MOTOR VEHICLE LIABILITY. The Contractor shall maintain during the life of the Contract, Motor Vehicle Liability insurance written in Business Auto Policy form to protect himself and his subcontractors performing work covered by this Contract against all claims for injuries, including accidental death to members of the public and damage to property of others arising from such use of motor vehicles, and shall cover the operation on or off site of all motor vehicles licensed for highway use whether they are owned, nonowned, or hired. The liability limit shall not be less than \$500,000 per occurrence.

32.4 COMPREHENSIVE GENERAL LIABILITY. The Contractor shall maintain during the life of the Contract, Comprehensive General Liability written in comprehensive form to protect himself and his subcontractors against all claims arising from injuries to members of the public or damage to property of others arising out of any act or omission of the Contractor or his agents, employees, or subcontractors. In addition, this policy shall specifically insure the contractual liability assumed by the Contractor under Article "INDEMNIFICATION".

The scope of this coverage shall also include the Personal Injury Hazards, including "a", "b", and "c". "a" includes false arrest, malicious prosecution, and unwillful detention or imprisonment. "b" includes libel, slander, and defamation of character. "c" includes wrongful eviction, invasion of privacy, and wrongful entry. Employee exclusion shall be removed.

Comprehensive General Liability coverage shall contain no exvlusions for explosion, collapse, or underground work (X, C, or U).

The liability limits shall be not less than:

- | | |
|-----------------------|--------------------------|
| 1. Personal Liability | \$500,000 per occurrence |
| 2. Bodily Injury | \$500,000 per occurrence |
| 3. Property Damage | \$500,000 per occurrence |

32.5 UMBRELLA EXCESS LIABILITY. The Contractor shall maintain during the life of this Contract, in addition to the individual limits set forth herein, Umbrella Excess Liability coverage in excess of all other required coverage in an amount not less than \$1,000,000 per occurrence.

32.6 ALL RISKS BUILDERS RISK INSURANCE. Unless otherwise modified in any Supplementary Conditions, the Contractor shall secure and maintain during the life of this Contract, Builders Risk All Risk Insurance coverage in an amount equal to the full replacement value of structures, equipment, electrical, and mechanical systems only. Such insurance shall not exclude coverage for earthquake, landslide, flood, collapse, or loss due to the results of faulty workmanship, and shall provide for losses to be paid to the Contractor and the Owner as their interests may appear.

32.7 INSURANCE COVERAGE FOR SPECIAL CONDITIONS. When the construction is to

be accomplished within a public or private right-of-way requiring special insurance coverage, the Contractor shall conform to the particular requirements and provide the required insurance. The Contractor shall include in his liability policy all endorsements that the said authority may require for the protection of the authority, its officers, agents, and employees. Insurance coverage for special conditions, when required, shall be provided as set forth in the Supplementary Conditions.

- 32.8 OTHER INSURANCE COVERAGE. Other insurance coverage, required for work on this Contract, shall be provided as set forth in any Supplementary Conditions.

ARTICLE 33 - CLEANING UP

The CONTRACTOR shall keep the premises free from accumulations of waste materials, rubbish and other debris resulting from the Work, and at the completion of the Work, he shall remove all waste materials, rubbish and debris from and about the premises as well as tools, construction equipment and machinery, and surplus materials, and leave the site clean and ready for occupancy by the OWNER. The CONTRACTOR shall restore to their original condition those portions of the site not designated for alteration by the Contract Documents.

ARTICLE 34 - OWNER'S RIGHT TO STOP OR SUSPEND WORK

- 34.1 If the Work is defective, or the CONTRACTOR fails to supply sufficient skilled workmen or suitable materials or equipment, or if the CONTRACTOR fails to make prompt payments to subcontractors or for labor, materials or equipment, the OWNER may order the CONTRACTOR to stop the Work, or any portion thereof, until the cause for such order has been eliminated.
- 34.2 The OWNER, may, at any time and without cause suspend the Work or any portion thereof for a period of not more than ninety days by notice in writing to the CONTRACTOR and the ENGINEER which shall fix the date on which work shall be resumed. The CONTRACTOR shall resume the Work on the date so fixed. The CONTRACTOR shall be allowed an increase in the Contract Price or an extension of the Contract Time directly attributable to any suspension if he makes a claim therefor as provided in Articles 21 and 22.

ARTICLE 35 - OWNER'S RIGHT TO TERMINATE

- 35.1 If the CONTRACTOR is adjudged bankrupt or insolvent, or if he makes a general assignment for the benefit of his creditors without the approval of the OWNER, or if a trustee or receiver is appointed for the CONTRACTOR or for any of his property, or if he files a petition to take advantage of any debtors' act, or to reorganize under the bankruptcy or similar laws, or if he repeatedly fails to supply sufficient skilled workmen or suitable materials or equipment, or if he repeatedly fails to make prompt payments to Subcontractors or for labor, materials or equipment or if he disregards laws, ordinances, rules, regulations or orders of any public body having jurisdiction, or if he disregards the authority of the ENGINEER, or if he otherwise violates any provision of the Contract Documents, then the OWNER may, without prejudice to any other right or remedy and after giving the CONTRACTOR and his surety ten days from the receipt of the written notice, terminate the services of the CONTRACTOR and take possession of the Project and all materials to be incorporated therein, and finish the Work by whatever method he may deem expedient. In such case the CONTRACTOR shall not be entitled to receive any further payment until the Work is finished. If the unpaid balance of the Contract Price exceeds the direct and indirect costs of completing the Project, including compensation for additional professional services, such excess shall be paid to the CONTRACTOR. If such costs exceed such unpaid balance, the CONTRACTOR shall pay the difference to the OWNER. Such costs incurred by the OWNER shall be determined by the ENGINEER and incorporated in a Change Order.
- 35.2 Where the CONTRACTOR'S services have been so terminated by the OWNER, said termination shall not affect any rights to the OWNER against the CONTRACTOR nor any rights of the CONTRACTOR against the OWNER, then existing or which may thereafter accrue.
- 35.3 Upon seven days written notice to the CONTRACTOR and the ENGINEER, the OWNER may, without cause and without prejudice to any right or remedy, elect to abandon the Project and terminate the Agreement. In such case, the CONTRACTOR shall be paid for all Work executed any expense sustained plus a reasonable profit.

ARTICLE 36 - FAILURE TO COMPLETE THE WORK ON TIME

If any work shall remain uncompleted after elapse of the time specified in the proposal and contract as adjusted by the Engineer for the completion of the work provided for in the contract, there shall be deducted from the monies due the Contractor, not as a penalty, but as liquidated damages, as follows:

ORIGINAL CONTRACT AMOUNT

<u>From more than</u>	<u>To and including</u>	<u>Daily charge per calendar day</u>
0	25,000	\$100
25,000	100,000	\$150
100,000	1,000,000	\$225
1,000,000	or more	\$300

ARTICLE 37 - DISPUTES AND REMEDIES

- 37.1 All claims by the Contractor arising from interpretation of or performance under the Contract Documents shall be submitted to the Engineer, who shall issue his determination. If the Contractor considers that a determination made by the Engineer is not in accord with the meaning and intent of the Contract, the Contractor may, within 15 days from the receipt of the Engineer's determination, file with the Engineer a written request for reconsideration. The Engineer shall reconsider this initial determination and render a final determination on the issue. Within 15 days of the determination by the Engineer on the reconsideration, the Contractor may appeal the decision to the Owner. The Owner shall render a decision which shall be final and conclusive under this Contract. Failure to file either request for reconsideration or for appeal within the required 15 days shall render the determination issued final.

The Contractor shall carry on the work and maintain his progress schedule during all disputes or disagreements with the Owner. No work shall be delayed or postponed pending resolution of any disputes or disagreements, except as the Contractor and the Owner may otherwise agree in writing.

- 37.2 Arbitration shall not be used to settle disputes between the Contractor and the Owner and Engineer.

Unless otherwise provided in this Contract, all claims, counterclaims, disputes, and other matters in question between the Owner and the Contractor arising out of or relating to this

Contract or the breach of it will be decided in a court of competent jurisdiction within the State of Mississippi.

ARTICLE 38 - MISCELLANEOUS

- 38.1 Whenever any provisions of the Contract documents requires the giving of written notice it shall be deemed to have been validly given if delivered in person to the individual or to member of the firm or to an officer of the corporation for whom it is intended, or is sent by registered or certified mail, postage prepaid, to the business address used in the advertisement for bids or in the contract documents.
- 38.2 All monies not paid when due hereunder shall bear interest at the legal rate in force at the place of the Project.
- 38.3 The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder, and, in particular but without limitation, the guarantee and obligations imposed upon the CONTRACTOR by Articles 25 and 32 and the rights and remedies available to the OWNER thereunder, shall be in addition to and not a limitation of any otherwise imposed or available by law, by special guarantee of other provisions of the Contract Documents.
- 38.4 Should the OWNER or the CONTRACTOR suffer injury or damage to his person or property because of an error, omission or act of the other or of any of his employees or agents or others for whose acts he is legally liable, claims shall be made in writing to the other party within a reasonable time of the first observance of such injury or damage.
- 38.5 The Contract Documents shall be governed by the law of the place of the Project.
- 38.6 The full responsibility for design shall be born by this OWNER unless specific design responsibilities are given to the CONTRACTOR elsewhere in the Contract Documents.

SUPPLEMENTARY CONDITIONS

REVISIONS AND ADDITIONS TO THE GENERAL CONDITIONS

The General Conditions are hereby revised as follows:

After the definition for "ENGINEER", add the following:

Wherever in these Documents the word "Engineer" appears, it shall be understood to mean the Design Engineer, The Walker Associates, Engineers-Planners- Designers, and their authorized representatives, acting either directly or indirectly as authorized agents of the Owner.

After the definition for "SPECIFICATIONS", add the following:

FEDERAL, STATE, COUNTY, AND LOCAL STANDARD SPECIFICATIONS

Where portions of the work traverse or cross federal, state, county, or local highways, roads, streets, or private railroads, and the agency in control of such property has established standard specifications governing items of work that differ from these Specifications, the most stringent requirements shall apply.

ARTICLE 10 - "PERMITS, LAWS, TAXES, AND REGULATIONS"

Add the following:

10.3 The building permits, if required, for the permanent structures shall be obtained by the Contractor.

PERMIT FOR WORK WITHIN THE FEDERAL, COUNTY, STATE, AND/OR PRIVATE RIGHTS-OF-WAY

The Contractor will obtain any necessary permits for work within the rights-of-way. The Contractor shall abide by all regulations and conditions stipulated in the permits, and such conditions and requirements are hereby made a part of these Supplementary Conditions, as fully and completely as though the same were fully set forth herein. The Contractor shall examine and abide by the permits granted. Failure to do so will not relieve the Contractor from compliance with the requirements stated herein.

The Contractor shall, if required by the county or state, provide a bond in the amount and form designated before commencing work.

ARTICLE 32 "CONTRACTOR'S LIABILITY INSURANCE"

The Contractor shall also indemnify and show as an additional insured The Walker Associates, its agents and employees, and the City of Hattiesburg, Mississippi.

SPECIAL CONDITIONS

TEMPORARY UTILITIES:

- A. The CONTRACTOR shall make all arrangements for and furnish at his own expense, all water, electricity (lighting and power), and other utilities necessary for his construction purposes.
- B. Any electric services, both lighting and power required by the Contractor or his respective Subcontractor, shall be obtained through mutual agreement between all parties, saving the Owner harmless of any cost or responsibility.
- C. Same arrangements shall be maintained for water and other utilities.
- D. Contractor shall provide at own cost or make satisfactory arrangements for extensions of utility services to all points required.
- E. Contractors installing temporary water piping or hose for their own use shall be wholly responsible for its maintenance and protection from damage and freezing and also for the cost of damage to construction materials or equipment due to breaks or leaks in his lines.

TEMPORARY TOILETS

- A. The Contractor shall provide and maintain sanitary temporary toilets located where directed by the Engineer and subject to any and all Sanitary Codes having general jurisdiction thereon.
- B. The temporary toilets shall be enclosed, weatherproofed, and kept in a sanitary condition at all times.
- C. These toilets shall be equipped with temporary waterclosets and connections to sewer water supply where available.

CONTRACTOR'S TITLE TO MATERIALS

No materials or supplies for the work shall be purchased by the Contractor or by any Subcontractor subject to any chattel mortgage or under a conditional sale or other agreement by which an interest is retained by the seller. The Contractor warrants that he has good title to all materials and supplies for which he accepts partial payment.

INTERPRETATION OF CONTRACT DOCUMENTS:

- A. If any person contemplating submitting a bid for the proposed contract is in doubt as to the meaning of any part of the plans, specifications or other documents, he may submit to the Project Engineer a written request for interpretation thereof.
- B. Any interpretation of the proposed documents will be made only by addenda duly issued and a copy of such addenda will be mailed or delivered to each person who has received a set of such documents.
- C. The Contractor shall be responsible for discrepancies in plans or specifications which are not called to the attention of the Project Engineer prior to receipt of bids.

RESPONSIBILITY REGARDING EXISTING UTILITIES AND STRUCTURES:

The existence and location of underground utilities indicated on the plans are not guaranteed and shall be investigated and verified in the field by the Contractor before starting work.

RIGHT OF ACCESS

Representatives of the Owner and the Engineer shall have access to the project records at all times.

GUARANTEE OF WORK

- A. Except as otherwise specified, all work shall be guaranteed by the Contractor against defects resulting from the use of materials, equipment or workmanship which may prove to be inferior, for one year from date of final completion and acceptance of the contract.
- B. If, within any guarantee period, repairs or changes are required in connection with guaranteed work, which in the opinion of the Project Engineer, is rendered necessary as the result of the use of the material, equipment or workmanship which are inferior, defective or not in accordance with the terms of the contract, the Contractor shall promptly upon receipt of notice from the Project Engineer and without expense to the Owner: (1) place in satisfactory condition in every particular all of such guaranteed work, correct all defects therein, and (2) make good all damage to the building or site or equipment or contents thereof, which, in the opinion of the Project Engineer, is the result of the use of material, equipment or workmanship which are inferior, defective, or not in accordance with the terms of the contract, and make good any work or materials or equipment and contents of said building or site disturbed in fulfilling any such guarantee.

- C. If the Contractor, after notice, fails to proceed promptly to comply with the terms of the guarantee, the Owner may have the defects corrected and the Contractor and his sureties shall be liable for all expenses incurred.
- D. All special guarantees applicable to definite parts of the work that may be stipulated in the specifications or other papers forming a part of the contract shall be subject to the terms of this paragraph, during the first year of the life of such special guarantee.

SPECIAL PROVISIONS AND REGULATIONS

For the purpose of clarification, the Contracted Party shall refer to the Contractor providing services to the Owner as specified in the contract to which this document is attached.

The Contracted Party shall comply with the most current revision of the Federal Contract Labor Standards as published by US Army Corps of Engineers, Vicksburg District; including, but not limited to, the following:

1. Termination of Contract For Cause

If, through any cause, the Contracted Party shall fail to fulfill in a timely and proper manner, his obligations, or stipulations of this Contract, the Owner shall thereupon have the right to terminate this Contract by giving written notice to the Contracted Party of such termination and specifying the effective date of such termination. In such event, all finished or unfinished documents, data, studies and reports prepared by the Contracted Party shall entitle the Contracted Party's receipt of just and equitable compensation for any satisfactory work completed on such documents.

Notwithstanding the above, the contracted Party shall not be relieved of liability to the Owner for damages sustained or the Owner by virtue of any breach of the Contract by the Contracted Party. The Owner may withhold any payments to the Contracted Party for the purpose of set off until such time as the exact amount of damages due the Owner from the Contracted Party is determined.

2. Termination for Convenience of the Owner

The Owner may terminate this contract any time by a notice in writing from the Owner to the Contracted party. If the Contract is terminated by the Owner as provided herein, the Contracted Party will be paid an amount which bears the same ratio to the total compensation as the services actually performed bear to the total services of the Contracted Party covered by this Contract, less payments of compensation previously made provided that if less than sixty percent of the services covered by this Contract have been performed upon the effective date of such termination, the Contracted Party shall be reimbursed (in addition to the above payment) for that portion of actual out-of-pocket expenses (not otherwise reimbursed under this Contract) incurred by the Contracted Party during the contract period which are directly attributable to the incomplete portion of the services covered by this Contract.

3. Records

All records required to be kept on the project shall be maintained for at least three years after final payments and until all other pending matters under the project are closed.

4. Health and Safety Standards

All parties participating in this project agree to comply with Section 107 of the Contract Work Hours and Safety Standards Act. Section 107 of the Act is applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to this health and safety as determined under construction, safety, and health standards promulgated by the Secretary of Labor. These requirements do not apply to the purchase of supplies or materials or articles ordinarily available on the open market, or contracts for transportation.

5. Environmental Compliance

Contracts, subcontracts, and sub grants of amounts in excess of \$100,000 shall comply with all applicable standards, orders, or requirements issued under Section 306 of the Clean Air Act (42 U.S.C. 1957 (h)), Section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency (EPA) regulations (40 CFR, 15), which prohibit the use under nonexempt Federal contracts, grants or loans of facilities included on the EPA List of Violating Facilities. The provisions shall require reporting of violations to the grantor agency and the U.S. EPA Assistant Administrator for Enforcement (EN-329).

6. Energy Efficiency

All participants in the projects shall recognize mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (PL-94-163).

7. Changes

The Owner may, from time to time, request changes in the scope of the services of the Contracted Party to be performed hereunder. Such changes, including any increase or decrease in the amount of the Contracted Party compensation which are mutually agreed upon by and between the Owner and the Contracted Party, shall be incorporated in written amendments to this Contract.

8. Personnel

The Contracted Party represents that it has, or will secure at its own expense, all personnel required in performing the services under this Contract. Such personnel shall not be employees of or have any contractual relationship with the Owner. All the services required hereunder will be performed by the Contracted Party or under its supervision, and all personnel engaged in the work shall be fully qualified and shall be authorized or permitted under State and local law to perform such services. No person who is serving sentence in a penal or correctional institution shall be employed on work under this Contract.

9. Anti-Kickback Rules

Contracts, subcontracts, and subgrants shall comply with all applicable requirements of the Anti-Kickback Act@ of June 13, 1934 (48 Stat. 948; 62 Stat. 740; 63 Stat. 108; Title 18 U.S.C. 874; and Title 40 U.S.C. 276c).

Salaries of personnel performing work under this Contract shall be paid unconditionally and not less than once a month without payroll deduction or rebate on any account except only such payroll deductions as are mandatory by law or permitted by the applicable Anti-Kickback regulations issued by the Secretary of Labor.

10. Withholding of Salaries

If in the performance of this Contract, there is any underpayment of salaries by the Contracted Party or by any subcontracted thereunder, the Owner shall withhold from the Contracted Party out of payment due to him an amount sufficient to pay to employees underpaid the difference between the salaries required thereby to be paid and the salaries actually paid such employees for the total number of hours worked. The amounts withheld shall be disbursed by the Owner for and on account of the contracted party or subcontractor to the respective employees to whom they are due.

11. Claims and Disputes Pertaining to Salary Rates

Claims and disputes pertaining to salary rates or to classifications of professional staff or technicians performing work under this Contract shall be promptly reported in writing by the Contracted Party to the Owner for the latter decision which shall be final with respect thereto.

12. Equal Employment Opportunity

During the performance of this Contract, the Contracted Party agrees to comply with FAR 22.8, and the regulations issued pursuant thereto. These requirements include:

1. A prohibition on segregated facilities on the basis of race, color, religion, sex, or national origin with the exception of rest rooms and sleeping areas;
2. Affirmative action requirements specifying recruitment, training, employment and record-keeping methods and goals for minorities and women covered in construction trades;
3. Equal training and work hours for all employees on the contract regardless of race, sex, color, or national origin;
4. A prohibition on discrimination against any employee on the basis of race, color, religion, sex or national origin; and
5. A prohibition on harassment, intimidation and coercion at all sites and facilities where contract employees work with specific attention to minority and female workers.

13. Anti-Discrimination Clauses

In the exercise of their respective rights and obligations under this Agreement, the contractor shall comply with all applicable Federal and State laws and regulations, including, but not limited to: Section 601 of the Civil Rights Act of 1964, Public Law 88-352 (42 U.S.C. 2000d) and Department of Defense Directive 5500.11 issued pursuant thereto; Army Regulation 600-7, entitled "Nondiscrimination on the Basis of Handicap in Programs and Activities Assisted or Conducted by the Department of the Army"; and all applicable Federal labor standards requirements including, but not limited to, 40 U.S.C. 3141-3148 and 40 U.S.C. 3701 -3708 (revising, codifying and enacting without substantive change the provisions of the Davis-Bacon Act (formerly 40 U.S.C. 276a *et seq.*), the Contract Work Hours and Safety Standards Act (formerly 40 U.S.C. 327 *et seq.*) and the Copeland Anti-Kickback Act (formerly 40 U.S.C. 276c)).

Contractors and subcontractors must comply with FAR 22.9, which states they may not discriminate against any employee on the basis of their age.

14. Federal Labor Standards Provisions

The Contractor will comply with all provisions established by the Fair Labor Standards Act of 1938 (29 U.S.C. § 201) which establishes minimum wage, overtime pay, recordkeeping, and child labor standards affecting full-time and part-time workers.

15. Discrimination Because of Certain Labor Matters

No person employed on the work covered by this Contract shall be discharged or in any way discriminated against because he has filed any complaint or instituted or caused to be instituted any proceeding or has testified or is about to testify in any proceeding under or relating to the labor standards applicable hereunder to his employer.

16. Compliance with Local Laws

The Contracted Party shall comply with all applicable laws, ordinances, and codes of the state and local governments, and shall commit no trespass on any public or private property in performing any of the work embraced by this Contract.

17. Subcontracting

The Contracted Party shall be as fully responsible to the Owner for the acts and omissions of his subcontractors and of persons either directly or indirectly employed by him. The Contracted Party shall insert in each subcontract appropriate provisions requiring compliance with the labor standards provisions of this Contract.

18. Assignability

The Contracted Party shall not assign any interest in this Contract, and shall not transfer any interest in the same (whether by assignment or novation) without prior written approval of the Owner provided that claims for money due or to become due the Contracted Party from the

Owner under this Contract may be assigned to a bank, trust company, or other financial institution, or to a Trustee in Bankruptcy, without such approval. Notice of any such assignment or transfer shall be furnished promptly to the Owner.

19. Interest of Members of Local Public Agency and Others

The Contracted Party agrees to establish safeguards to prohibit employees from using positions for a purpose that is or gives the appearance of being motivated by a desire for private gain for themselves or others, particularly those with whom they have a family, business, or other tie.

The Contracted Party will comply with Section 21-39-1, Mississippi Code Annotated (1972), which prohibits municipal officers and employees from having or owning any interest or share, individually or as agent or employee of any person or corporation, either directly or indirectly, in any contract made or let by the governing authorities of such municipality for the construction or doing of any public work, or for the sale or purchase of any materials, supplies or property of any description, or for any other purpose whatsoever, or in any subcontract arising therefrom or connected therewith, or to receive, either directly or indirectly, any portion of share of any money or other thing paid for the construction or doing of any public work, or for the sale or purchase of any property, or upon any other contract made by the governing authorities of the municipality, or subcontract arising therefore or connected therewith.

The Contracted Party will also be aware of and avoid any violation of Section 97-11-19, Mississippi Code Annotated (Supp. 1982), which prescribes a criminal penalty for any public officer who has an interest in any contract passed by the board of which he is a member during the term he was a member and for one year thereafter.

20. Interest of Certain Federal Officers

No member of or delegate to the Congress of the United States and no Resident Commissioner, shall be admitted any share of part of this Contract or to any benefit to arise therefrom.

21. Interest of Contractor

The Contracted Party stipulates that they presently have no interest and shall not acquire any interest direct or indirect in the above described project or any parcels therein or any other interest which would conflict in any manner or degree with the performance of their services hereunder. The Contracted Party further agrees that in the performance of this Contract no person having any such interest shall be employed.

22. Political Activity

The Contracted Party will comply with the provisions of the Hatch Act (5 U.S.C. 1501 et seq.), which limits the political activity of employees.

23. Lead-Based Paint Requirements

The Contracted Party will comply with Title IV of the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. 4831) which prohibits the use of lead-based paint.

24. Program Monitoring

The Contracted Party agrees to assist and cooperate with the grantor or their duly designated representatives in the monitoring of the project or projects to which this project relates, and to provide in form and manner approved by the grantor agency such monitoring reports, progress reports, and the like as may be required and to provide such reports at the times specified.

25. Procurement

The contractor must comply with all State laws dealing with the purchasing and acquisition for goods, services and other allowable cost as specified in the application.

26. Discrimination Due to Beliefs

No person with responsibilities in operation of the project to which this grant relates will discriminate with respect to any program participant or any applicant for participation in such program because of political affiliation or beliefs.

27. Confidential Findings

All of the reports, information data, etc., prepared or assembled by the Contracted Party under this Contract are confidential, and the Contracted Party agrees that they shall not be made available to any individual or organization without prior written approval of the Owner.

28. Third-Party Contracts

Contracts, Subcontracts, and Subgrants of amounts in excess of \$2,000 shall include the following provisions.

Each Participating Party shall keep and maintain books, records, and other documents relating directly to the receipt and disbursement of such grant funds.

Any duly authorized representative of the Owner, Engineer, and/or Mississippi Development Authority shall, at all reasonable times, have access to and the right to inspect, copy, audit, and examine all such books, records, and other documents of such Participating Party until the completion of all close-out procedures respecting this grant and the final settlement and conclusion of all issues arising out of this grant.

29. Excessive Force

The contracted parties will adopt and enforce a policy of prohibiting the use of excessive force by law enforcement agencies within its jurisdiction any individuals engaged in nonviolent civil rights demonstrations; and enforcing applicable State and local laws against physically barring entrance to or exit from a facility or location which is the subject of such nonviolent civil rights demonstrations within its jurisdiction.

30. Minority and Women-Owned Business Participation

Minority and Women-Owned Business participation for this project is established by CSD Policy Statement #90-03 which identifies the following:

“The Mississippi Minority Business Enterprise Act of 1988 which calls for the establishment of goals and programs to provide the maximum opportunity for increased participation by minority owned businesses in the procurement of goods and services”.

The goals established by CSD Policy Statement #90-03 state that **10% MBE** and **5% WBE** be utilized.

The contractor shall foster equal opportunity and attempt to achieve the amount of participation that would be obtained in a non-discriminatory market place. There will be no discrimination in the award and performance of contracts on the basis of race, color, sex, age, religion, national origin, or any handicap.

Failure of the lowest bidder to furnish acceptable proof of good faith efforts, submitted with the bid proposal, shall be just cause for rejection of the proposal. Award may then be made to the next lowest responsive bidder or the work may be readvertised.

The following factors are illustrative of matters the Owner will consider in judging whether or not the bidder has made adequate good faith efforts to satisfy the contract goal.

1. Whether the bidder advertised in general circulation, trade association, and minority-focus media concerning the subcontracting opportunities.
2. Whether the bidder provided written notice to a reasonable number of specific MBE and WBE entities that their interest in the contract is being solicited.
3. Whether the bidder followed up initial solicitations of interest by contacting MBE and WBE entities to determine with certainty whether they were interested.
4. Whether the bidder selected portions of the work to be performed by MBE and WBE entities in order to increase the likelihood of meeting the contract goal.
5. Whether the bidder provided interested MBE and WBE entities with adequate information about the plans, specifications and requirements of the contract.

6. Whether the bidder negotiated in good faith with interested MBE and WBE entities and did not reject them as unqualified without sound reason based on a thorough investigation of their capabilities.
7. Whether the bidder made efforts to assist interested MBE and WBE entities in obtaining any required bonding or insurance.

If a MBE or WBE subcontractor can not perform satisfactorily and removal of the subcontractor requires the project to fall below the contract goal for participation, the Contractor shall take all necessary reasonable steps to replace the subcontractor with another certified MBE or WBE entity. Under no circumstances shall the Prime Contractor perform the subcontractors work without approval from the Engineer.

Participation shall be counted toward meeting the goal in this contract as follows:

1. If the Prime Contractor is a certified MBE or WBE firm, only the value of the work actually performed by the MBE or WBE prime can be counted towards the project goal, along with any work subcontracted to a certified MBE or WBE entity.
2. If the Prime Contractor is not a MBE or WBE, the work subcontracted to a certified MBE or WBE will be counted toward the goal.
3. The Contractor may count toward the goal a portion of the total dollar value of a contract with a joint venture eligible under the standards of this provision equal to the percentage of the MBE and WBE partner in the joint venture.
4. Expenditures to MBE and WBE entities that perform a commercially useful function may be counted toward the goal. A business is considered to perform a commercially useful function when it is responsible for the execution of a distinct element of the work and carries out its responsibilities by actually performing, managing, and supervising the work involved.
5. The contractor may count 100% of the expenditures for materials and supplies obtained from certified MBE and WBE suppliers and manufactures that produce goods from raw materials or substantially alters them for resale provided the suppliers and the manufacturers assume the actual and contractual responsibility for the provision of the materials and supplies. The contractor may count 60% of the expenditures to suppliers that are not manufacturers, provided the supplier performs a commercially useful function in the supply process. Within 30 days after receipt of the materials, the Contractor shall furnish to the Owner invoices from the certified supplier to verify the MBE and WBE goals.
6. Any work that a certified MBE or WBE firm subcontracts to a non-MBE or non-WBE firm will not count toward the MBE and WBE goals.
7. Only the dollars actually paid to the MBE and WBE entities may be counted toward the goals.

The Prime Contractor must pay all subcontractors for satisfactory performance of their contracts as follows:

- a. Within fifteen (15) calendar days after receiving payment from the Owner for work satisfactorily completed, the Prime Contractor shall make prompt payment to all subcontractors or material suppliers for all monies due.
- b. Within fifteen (15) calendar days after receiving payment from the Owner for work satisfactorily completed, the Prime Contractor shall promptly return all retainage monies due to all subcontractors or material suppliers.

The Prime Contractor is to complete Section 902 on the following page when submitting a proposal for the project. Failure to submit this page with the proposal shall be cause for rejection of the bid.

PART 4

SPEICIAL PROVISIONS AND REGULATIONS

SPECIAL PROVISIONS AND REGULATIONS

For the purpose of clarification, the Contracted Party shall refer to the Contractor providing services to the Owner as specified in the contract to which this document is attached.

1. Termination of Contract For Cause

If, through any cause, the Contracted Party shall fail to fulfill in a timely and proper manner, his obligations, or stipulations of this Contract, the Owner shall thereupon have the right to terminate this Contract by giving written notice to the Contracted Party of such termination and specifying the effective date of such termination. In such event, all finished or unfinished documents, data, studies and reports prepared by the Contracted Party shall entitle the Contracted Party's receipt of just and equitable compensation for any satisfactory work completed on such documents.

Notwithstanding the above, the contracted Party shall not be relieved of liability to the Owner for damages sustained or the Owner by virtue of any breach of the Contract by the Contracted Party. The Owner may withhold any payments to the Contracted Party for the purpose of set off until such time as the exact amount of damages due the Owner from the Contracted Party is determined.

2. Termination for Convenience of the Owner

The Owner may terminate this contract any time by a notice in writing from the Owner to the Contracted party. If the Contract is terminated by the Owner as provided herein, the Contracted Party will be paid an amount which bears the same ratio to the total compensation as the services actually performed bear to the total services of the Contracted Party covered by this Contract, less payments of compensation previously made provided that if less than sixty percent of the services covered by this Contract have been performed upon the effective date of such termination, the Contracted Party shall be reimbursed (in addition to the above payment) for that portion of actual out-of-pocket expenses (not otherwise reimbursed under this Contract) incurred by the Contracted Party during the contract period which are directly attributable to the incomplete portion of the services covered by this Contract.

3. Records

All records required to be kept on the project shall be maintained for at least three years after final payments and until all other pending matters under the project are closed.

4. Health and Safety Standards

All parties participating in this project agree to comply with Section 107 of the Contract Work Hours and Safety Standards Act. Section 107 of the Act is applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to this health and safety as determined under construction, safety, and health standards promulgated by the Secretary of

Labor. These requirements do not apply to the purchase of supplies or materials or articles ordinarily available on the open market, or contracts for transportation.

5. Environmental Compliance

Contracts, subcontracts, and sub grants of amounts in excess of \$100,000 shall comply with all applicable standards, orders, or requirements issued under Section 306 of the Clean Air Act (42 U.S.C. 1957 (h)), Section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency (EPA) regulations (40 CFR, 15), which prohibit the use under nonexempt Federal contracts, grants or loans of facilities included on the EPA List of Violating Facilities. The provisions shall require reporting of violations to the grantor agency and the U.S. EPA Assistant Administrator for Enforcement (EN-329).

6. Energy Efficiency

All participants in the projects shall recognize mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (PL-94-163).

7. Changes

The Owner may, from time to time, request changes in the scope of the services of the Contracted Party to be performed hereunder. Such changes, including any increase or decrease in the amount of the Contracted Party compensation which are mutually agreed upon by and between the Owner and the Contracted Party, shall be incorporated in written amendments to this Contract.

8. Personnel

The Contracted Party represents that it has, or will secure at its own expense, all personnel required in performing the services under this Contract. Such personnel shall not be employees of or have any contractual relationship with the Owner. All the services required hereunder will be performed by the Contracted Party or under its supervision, and all personnel engaged in the work shall be fully qualified and shall be authorized or permitted under State and local law to perform such services. No person who is serving sentence in a penal or correctional institution shall be employed on work under this Contract.

9. Anti-Kickback Rules

Contracts, subcontracts, and subgrants shall comply with all applicable requirements of the Anti-Kickback Act of June 13, 1934 (48 Stat. 948; 62 Stat. 740; 63 Stat. 108; Title 18 U.S.C. 874; and Title 40 U.S.C. 276c).

Salaries of personnel performing work under this Contract shall be paid unconditionally and not less than once a month without payroll deduction or rebate on any account except only such

payroll deductions as are mandatory by law or permitted by the applicable Anti-Kickback regulations issued by the Secretary of Labor.

10. Withholding of Salaries

If in the performance of this Contract, there is any underpayment of salaries by the Contracted Party or by any subcontracted thereunder, the Owner shall withhold from the Contracted Party out of payment due to him an amount sufficient to pay to employees underpaid the difference between the salaries required thereby to be paid and the salaries actually paid such employees for the total number of hours worked. The amounts withheld shall be disbursed by the Owner for and on account of the contracted party or subcontractor to the respective employees to whom they are due.

11. Claims and Disputes Pertaining to Salary Rates

Claims and disputes pertaining to salary rates or to classifications of professional staff or technicians performing work under this Contract shall be promptly reported in writing by the Contracted Party to the Owner for the latter decision which shall be final with respect thereto.

12. Equal Employment Opportunity

During the performance of this Contract, the Contracted Party agrees to comply with FAR 22.8, and the regulations issued pursuant thereto. These requirements include:

1. A prohibition on segregated facilities on the basis of race, color, religion, sex, or national origin with the exception of rest rooms and sleeping areas;
2. Affirmative action requirements specifying recruitment, training, employment and record-keeping methods and goals for minorities and women covered in construction trades;
3. Equal training and work hours for all employees on the contract regardless of race, sex, color, or national origin;
4. A prohibition on discrimination against any employee on the basis of race, color, religion, sex or national origin; and
5. A prohibition on harassment, intimidation and coercion at all sites and facilities where contract employees work with specific attention to minority and female workers.

13. Anti-Discrimination Clauses

In the exercise of their respective rights and obligations under this Agreement, the contractor shall comply with all applicable Federal and State laws and regulations, including, but not limited to: Section 601 of the Civil Rights Act of 1964, Public Law 88-352 (42 U.S.C. 2000d) and Department of Defense Directive 5500.11 issued pursuant thereto; Army Regulation 600-7, entitled "Nondiscrimination on the Basis of Handicap in Programs and Activities Assisted or Conducted by the Department of the Army"; and all applicable Federal labor standards requirements including, but not limited to, 40 U.S.C. 3141-3148 and 40 U.S.C. 3701 -3708 (revising, codifying and enacting without substantive change the provisions of the Davis-Bacon Act (formerly 40 U.S.C. 276a *et seq.*), the Contract Work Hours and Safety Standards Act

(formerly 40 U.S.C. 327 *et seq.*) and the Copeland Anti-Kickback Act (formerly 40 U.S.C. 276c)).

Contractors and subcontractors must comply with FAR 22.9, which states they may not discriminate against any employee on the basis of their age.

14. Federal Labor Standards Provisions

The Contractor will comply with all provisions established by the Fair Labor Standards Act of 1938 (29 U.S.C. § 201) which establishes minimum wage, overtime pay, recordkeeping, and child labor standards affecting full-time and part-time workers.

15. Discrimination Because of Certain Labor Matters

No person employed on the work covered by this Contract shall be discharged or in any way discriminated against because he has filed any complaint or instituted or caused to be instituted any proceeding or has testified or is about to testify in any proceeding under or relating to the labor standards applicable hereunder to his employer.

16. Compliance with Local Laws

The Contracted Party shall comply with all applicable laws, ordinances, and codes of the state and local governments, and shall commit no trespass on any public or private property in performing any of the work embraced by this Contract.

17. Subcontracting

The Contracted Party shall be as fully responsible to the Owner for the acts and omissions of his subcontractors and of persons either directly or indirectly employed by him. The Contracted Party shall insert in each subcontract appropriate provisions requiring compliance with the labor standards provisions of this Contract.

18. Assignability

The Contracted Party shall not assign any interest in this Contract, and shall not transfer any interest in the same (whether by assignment or novation) without prior written approval of the Owner provided that claims for money due or to become due the Contracted Party from the Owner under this Contract may be assigned to a bank, trust company, or other financial institution, or to a Trustee in Bankruptcy, without such approval. Notice of any such assignment or transfer shall be furnished promptly to the Owner.

19. Interest of Members of Local Public Agency and Others

The Contracted Party agrees to establish safeguards to prohibit employees from using positions for a purpose that is or gives the appearance of being motivated by a desire for private gain for themselves or others, particularly those with whom they have a family, business, or other tie.

The Contracted Party will comply with Section 21-39-1, Mississippi Code Annotated (1972), which prohibits municipal officers and employees from having or owning any interest or share, individually or as agent or employee of any person or corporation, either directly or indirectly, in any contract made or let by the governing authorities of such municipality for the construction or doing of any public work, or for the sale or purchase of any materials, supplies or property of any description, or for any other purpose whatsoever, or in any subcontract arising therefrom or connected therewith, or to receive, either directly or indirectly, any portion of share of any money or other thing paid for the construction or doing of any public work, or for the sale or purchase of any property, or upon any other contract made by the governing authorities of the municipality, or subcontract arising therefore or connected therewith.

The Contracted Party will also be aware of and avoid any violation of Section 97-11-19, Mississippi Code Annotated (Supp. 1982), which prescribes a criminal penalty for any public officer who has an interest in any contract passed by the board of which he is a member during the term he was a member and for one year thereafter.

20. Interest of Certain Federal Officers

No member of or delegate to the Congress of the United States and no Resident Commissioner, shall be admitted any share of part of this Contract or to any benefit to arise therefrom.

21. Interest of Contractor

The Contracted Party stipulates that they presently have no interest and shall not acquire any interest direct or indirect in the above described project or any parcels therein or any other interest which would conflict in any manner or degree with the performance of their services hereunder. The Contracted Party further agrees that in the performance of this Contract no person having any such interest shall be employed.

22. Political Activity

The Contracted Party will comply with the provisions of the Hatch Act (5 U.S.C. 1501 et seq.), which limits the political activity of employees.

23. Lead-Based Paint Requirements

The Contracted Party will comply with Title IV of the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. 4831) which prohibits the use of lead-based paint.

24. Program Monitoring

The Contracted Party agrees to assist and cooperate with the grantor or their duly designated representatives in the monitoring of the project or projects to which this project relates, and to provide in form and manner approved by the grantor agency such monitoring reports, progress reports, and the like as may be required and to provide such reports at the times specified.

25. Procurement

The contractor must comply with all State laws dealing with the purchasing and acquisition for goods, services and other allowable cost as specified in the application.

26. Discrimination Due to Beliefs

No person with responsibilities in operation of the project to which this grant relates will discriminate with respect to any program participant or any applicant for participation in such program because of political affiliation or beliefs.

27. Confidential Findings

All of the reports, information data, etc., prepared or assembled by the Contracted Party under this Contract are confidential, and the Contracted Party agrees that they shall not be made available to any individual or organization without prior written approval of the Owner.

28. Third-Party Contracts

Contracts, Subcontracts, and Subgrants of amounts in excess of \$2,000 shall include the following provisions.

Each Participating Party shall keep and maintain books, records, and other documents relating directly to the receipt and disbursement of such grant funds.

Any duly authorized representative of the Owner, Engineer, and/or Mississippi Development Authority shall, at all reasonable times, have access to and the right to inspect, copy, audit, and examine all such books, records, and other documents of such Participating Party until the completion of all close-out procedures respecting this grant and the final settlement and conclusion of all issues arising out of this grant.

29. Excessive Force

The contracted parties will adopt and enforce a policy of prohibiting the use of excessive force by law enforcement agencies within its jurisdiction any individuals engaged in nonviolent civil rights demonstrations; and enforcing applicable State and local laws against physically barring entrance to or exit from a facility or location which is the subject of such nonviolent civil rights demonstrations within its jurisdiction.

30. Minority and Women-Owned Business Participation

Minority and Women-Owned Business participation for this project is established by CSD Policy Statement #90-03 which identifies the following:

“The Mississippi Minority Business Enterprise Act of 1988 which calls for the establishment of goals and programs to provide the maximum opportunity for increased participation by minority owned businesses in the procurement of goods and services”.

The goals established by CSD Policy Statement #90-03 state that **10% MBE** and **5% WBE** be utilized.

The contractor shall foster equal opportunity and attempt to achieve the amount of participation that would be obtained in a non-discriminatory market place. There will be no discrimination in the award and performance of contracts on the basis of race, color, sex, age, religion, national origin, or any handicap.

Failure of the lowest bidder to furnish acceptable proof of good faith efforts, submitted with the bid proposal, shall be just cause for rejection of the proposal. Award may then be made to the next lowest responsive bidder or the work may be readvertised.

The following factors are illustrative of matters the Owner will consider in judging whether or not the bidder has made adequate good faith efforts to satisfy the contract goal.

1. Whether the bidder advertised in general circulation, trade association, and minority-focus media concerning the subcontracting opportunities.
2. Whether the bidder provided written notice to a reasonable number of specific MBE and WBE entities that their interest in the contract is being solicited.
3. Whether the bidder followed up initial solicitations of interest by contacting MBE and WBE entities to determine with certainty whether they were interested.
4. Whether the bidder selected portions of the work to be performed by MBE and WBE entities in order to increase the likelihood of meeting the contract goal.
5. Whether the bidder provided interested MBE and WBE entities with adequate information about the plans, specifications and requirements of the contract.
6. Whether the bidder negotiated in good faith with interested MBE and WBE entities and did not reject them as unqualified without sound reason based on a thorough investigation of their capabilities.
7. Whether the bidder made efforts to assist interested MBE and WBE entities in obtaining any required bonding or insurance.

If a MBE or WBE subcontractor can not perform satisfactorily and removal of the subcontractor requires the project to fall below the contract goal for participation, the Contractor shall take all necessary reasonable steps to replace the subcontractor with another certified MBE or WBE entity. Under no circumstances shall the Prime Contractor perform the subcontractors work without approval from the Engineer.

Participation shall be counted toward meeting the goal in this contract as follows:

1. If the Prime Contractor is a certified MBE or WBE firm, only the value of the work actually performed by the MBE or WBE prime can be counted towards the project goal, along with any work subcontracted to a certified MBE or WBE entity.
2. If the Prime Contractor is not a MBE or WBE, the work subcontracted to a certified MBE or WBE will be counted toward the goal.
3. The Contractor may count toward the goal a portion of the total dollar value of a contract with a joint venture eligible under the standards of this provision equal to the percentage of the MBE and WBE partner in the joint venture.
4. Expenditures to MBE and WBE entities that perform a commercially useful function may be counted toward the goal. A business is considered to perform a commercially useful function when it is responsible for the execution of a distinct element of the work and carries out its responsibilities by actually performing, managing, and supervising the work involved.
5. The contractor may count 100% of the expenditures for materials and supplies obtained from certified MBE and WBE suppliers and manufactures that produce goods from raw materials or substantially alters them for resale provided the suppliers and the manufacturers assume the actual and contractual responsibility for the provision of the materials and supplies. The contractor may count 60% of the expenditures to suppliers that are not manufacturers, provided the supplier performs a commercially useful function in the supply process. Within 30 days after receipt of the materials, the Contractor shall furnish to the Owner invoices from the certified supplier to verify the MBE and WBE goals.
6. Any work that a certified MBE or WBE firm subcontracts to a non-MBE or non-WBE firm will not count toward the MBE and WBE goals.
7. Only the dollars actually paid to the MBE and WBE entities may be counted toward the goals.

The Prime Contractor must pay all subcontractors for satisfactory performance of their contracts as follows:

- a. Within fifteen (15) calendar days after receiving payment from the Owner for work satisfactorily completed, the Prime Contractor shall make prompt payment to all subcontractors or material suppliers for all monies due.
- b. Within fifteen (15) calendar days after receiving payment from the Owner for work satisfactorily completed, the Prime Contractor shall promptly return all retainage monies due to all subcontractors or material suppliers.

The Prime Contractor is to complete Section 902 on the following page when submitting a proposal for the project. Failure to submit this page with the proposal shall be cause for rejection of the bid.

PART 5

MDEQ LARGE CONSTRUCTION GENERAL PERMIT



STATE OF MISSISSIPPI

PHIL BRYANT
GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

GARY C. RIKARD, EXECUTIVE DIRECTOR

May 10, 2016

CERTIFIED MAIL 7010 0780 0001 9993 2064

Mr. Tommy Thornton
Hattiesburg Clinic
415 South 28th Avenue
Hattiesburg, Mississippi 39401

Dear Mr. Thornton:

Re: Hattiesburg Clinic, Medical Park
Forrest County, Mississippi
General Construction Storm Water Coverage No.
MSR107104

Enclosed is a Certificate of Permit Coverage granted under the State of Mississippi's Large Construction Storm Water General NPDES Permit (enclosed). The submitted Storm Water Pollution Prevention Plan (SWPPP) appears to meet permit requirements and will be further reviewed during compliance inspections. You or your contractor must be in compliance with the SWPPP upon commencement of construction.

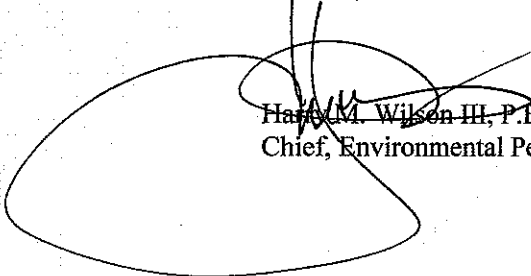
The Storm Water Construction General Permit was reissued on January 11, 2011, by the Permit Board on Environmental Quality. There are several significant changes in the new permit which are listed on the attached addendum. This is a summary and is not a substitute for the coverage recipient carefully reading and understanding the permit and its conditions.

The process to reissue Mississippi's Large Construction Storm Water General Permit (MSR10) is currently underway. Even though the current General Permit has an expiration date of December 31, 2015, your current coverage will remain in effect until the General Permit is reissued. When the General Permit is reissued, MDEQ will mail recoverage notifications and instructions to everyone that holds an active coverage.

One condition that is often overlooked is the requirement to request termination of coverage once the project has been completed and stabilized. Failure to submit the "Request for Termination of Coverage" form is a permit violation and subject to enforcement action.

This permit coverage is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Sections 49-17-1, et seq., Mississippi code of 1972), and the regulations and standards adopted and promulgated thereunder and under the authority granted to the Mississippi Environmental Quality Permit Board pursuant to Section 402(b) of the Federal Water Pollution Control Act. Any appeal of this action must be made within the 30-day period provided for in Section 49-17-29(4)(b) Mississippi code of 1972.

Sincerely,


Harold M. Wilson III, P.E., DEE
Chief, Environmental Permits Division

Enclosures
HMW:ljw

OFFICE OF POLLUTION CONTROL

POST OFFICE BOX 2261 • JACKSON, MISSISSIPPI 39225-2261 • TEL: (601) 961-5171 • FAX: (601) 354-6612 • www.deq.state.ms.us

AN EQUAL OPPORTUNITY EMPLOYER



*State of Mississippi
Department of Environmental Quality
Office of Pollution Control*

Certificate of Permit Coverage

under Mississippi's Large Construction Storm Water General NPDES Permit

Be it known

**Hattiesburg Clinic
Hattiesburg, Mississippi**

having submitted an acceptable Construction Notice of Intent, is hereby granted this Certificate of Permit Coverage in order to discharge storm water associated with the construction of

**Hattiesburg Clinic, Medical Park; Highway 11 Medical Park Mass Grading
Receiving Stream: Unnamed ditch into Burkett's Creek
Forrest County**

Coverage No: MSR107104

Date of Coverage: May 10, 2016

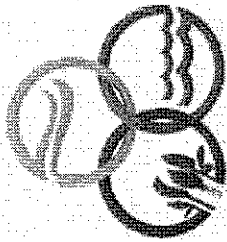
Date General Permit Expires: December 31, 2015

69224 GNP20160001

Chief, Environmental Permits Division



State of Mississippi
Mississippi Department of Environmental Quality
Office of Pollution Control



LARGE CONSTRUCTION GENERAL PERMIT

FOR LAND DISTURBING ACTIVITIES OF FIVE (5) OR MORE ACRES

THIS CERTIFIES THAT

PROJECTS ISSUED A CERTIFICATE OF COVERAGE UNDER THIS PERMIT ARE GRANTED
PERMISSION TO DISCHARGE STORM WATER FROM REGULATED CONSTRUCTION ACTIVITIES
INTO STATE WATERS

in accordance with effluent limitations, inspection requirements and other conditions set forth in herein. This permit is issued in accordance with the provisions of the Mississippi Water Pollution Control Law (Section 49-17-1 et seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder, and under authority granted pursuant to Section 402(b) of the Federal Water Pollution Control Act.

Mississippi Environmental Quality Permit Board

Authorized Signature

Mississippi Department of Environmental Quality

Issued: January 11, 2011

Expires: December 31, 2015

Permit No. MSR10

AI 24066

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ACT1 (LCGP) Introduction:

Narrative Requirements:

Condition No.	Condition
T-1	The Large Construction General Permit (LCGP) authorizes storm water discharges from construction activities five (5) acres or greater or less than five (5) acres if part of a "larger common plan of development or sale" (see Definitions). Storm water discharges that enter waters of the State or storm water conveyance systems leading to waters of the State are subject to regulation and compliance with the conditions set forth in this permit. This permit also authorizes storm water discharges from any other construction activity designated by the Executive Director based on the potential for contribution to an excursion of a water quality standard or for significant contribution of pollutants to waters of the State. This permit replaces the previous Large Construction General Permit that expired on May 31, 2010. [WPC-1]

ACT2 (continued):

Narrative Requirements:

Condition No.	Condition
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T-3 ELIGIBILITY (continued):

(3) Prohibited Non-Storm Water Discharges:

- (A) Wastewater from washout of concrete (unless managed by an appropriate control)
- (B) Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials
- (C) Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance
- (D) Soaps or solvents used in vehicle and equipment washing
- (E) Wastewater from sanitary facilities, including portable toilets

(4) A project is eligible for coverage under this general permit for discharges of pollutants of concern to water bodies for which there is a Total Maximum Daily Load (TMDL) established or approved by the Environmental Protection Agency (EPA) if measures and controls are incorporated that are consistent with the assumptions and requirements of such TMDL. To be eligible for coverage under this general permit, the project must incorporate in the Storm Water Pollution Prevention Plan (SWPPP) and/or effluent limitation any conditions applicable to any discharge(s) necessary for consistency with the assumptions and requirements of such TMDL. If, after coverage issuance, a specific wasteload allocation is established that would apply to the project's discharge, the project must implement steps necessary to meet that allocation within six (6) months from the final TMDL approval date. MDEQ's approved TMDL list may be found at the link listed in paragraph (5) below. In addition, MDEQ's Planning & Design Manual for the Control of Erosion, Sediment and Storm Water identifies specific controls that may be used to address consistency with any applicable TMDLs. The manual can be found at: http://www.deq.state.ms.us/MDEQ.nsf/page/epd_epdgeneral.

(5) A project is eligible for coverage under this general permit for discharges of storm water to impaired water bodies on MDEQ's 303(d) list, provided best management practices (BMPs) are employed that prohibit further impairment of the designated and/or existing beneficial uses in the receiving water body. To be eligible for coverage under this general permit, the owner/operator must indicate on the LCN01 that the project discharges to a 303(d) listed receiving water and incorporate appropriate BMPs in its SWPPP. MDEQ's 303(d) list of impaired water bodies may be found on MDEQ's website at: http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section. [WPC-1]

ACT3 (LCGP) Obtaining Coverage:

Submittal/Action Requirements:

Condition No.	Condition
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S-1 OBTAINING AUTHORIZATION:

(1) Owners and/or operators (see Definitions) desiring coverage associated with large construction activity under this permit must submit a Large Construction Notice of Intent (LCNOI) and other required submittals in accordance with the requirements of this permit. For construction activities, the operator is typically the Prime Contractor. However, if the prime contractor does not meet the definition of operator, then the owner must apply. The owner may submit the LCNOI and later, prior to actual construction, the operator may submit the Prime Contractor Certification accepting responsibility for applicable permit conditions.

The owner(s) of the property and the operator(s) associated with the regulated construction activity on the property have joint and severable responsibility for compliance with the permit. Notwithstanding any permit condition to the contrary, the coverage recipient and any person who causes pollution of waters of the state or places waste in a location where they are likely to cause pollution, shall remain responsible under applicable federal and state laws and regulations, and applicable permits.

(2) Upon review of the LCNOI, the MDEQ staff may require additional information (including modification of the SWPPP, which could require the implementation of additional controls), recommend that coverage not be granted and/or that an alternate permit would be more appropriate. The MDEQ staff recommendations may be brought before the Mississippi Environmental Quality Permit Board (Permit Board) for review and consideration at a regularly scheduled meeting or at a special meeting at its discretion.

(3) Coverage under this permit will not be granted until all other required MDEQ permits, certifications and approvals are satisfactorily addressed.

(4) Owners or operators are authorized to discharge storm water associated with large construction activity under the terms and conditions of this permit only upon receipt of written notification of approval of coverage by the Permit Board staff. Discharge of storm water without written notification of coverage under this permit or issuance of an individual National Pollutant Discharge Elimination System (NPDES) Storm Water Permit is a violation of the Mississippi Air and Water Pollution Control Law 49-17-29(2)(b). [WPC-1]

ACT3 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-4	COMMERCIAL DEVELOPMENT - INDIVIDUAL LOTS OR PARCELS: Individual lots or parcels within a commercial development that are part of the "larger common plan of development or sale" (see Definitions) are regulated regardless of size or owner. If the owner or developer obtains construction permit coverage for a development then sells lots or parcels within that development, permit coverage must continue on those areas under new ownership. The original coverage recipient is responsible for all construction activities until individual lots or parcels within the development are sold to others and the new owner submits a LCNOI and obtains coverage under Mississippi's Large Construction General Permit or applies for an individual permit. [WPC-1]
S-5	RESIDENTIAL SUBDIVISION - INDIVIDUAL LOTS: Individual lots within a residential subdivision that are part of the "larger common plan of development or sale" (see Definitions) are regulated regardless of size or ownership. If the owner or developer obtains construction permit coverage for a residential development, then sells individual lots within that development, permit coverage shall continue on those lots under new ownership. The original coverage recipient may retain responsibility for permit compliance, or the new owner (purchaser) or operator shall satisfy authorization requirements by: (1) Completing and submitting the MDEQ Registration Form (see Large Construction Forms Package) and developing and implementing a sediment and erosion control plan for the specific lot(s), or (2) Completing and submitting for approval from the MDEQ, a LCNOI and required documents, or (3) Applying for an individual storm water permit. The owner or developer (seller) is responsible for providing the new owner or operator (purchaser) with a copy of the MDEQ Registration Form and a copy of the Large Construction General Permit. These documents, as well as the individual application, may be found on MDEQ's website at www.deq.state.ms.us or by calling 601-961-5171. [WPC-1]
S-6	RESIDENTIAL SUBDIVISION - EXPANSIONS: For subsequent phases, expansions and major modifications of subdivision development that are proposed but were not included in the original SWPPP, the coverage recipient shall submit to MDEQ the Major Modification Form (see Large Construction Forms Package). [WPC-1]

ACT4 (LCGP) Large Construction Notice of Intent (LCNOD):

Submittal/Action Requirements:

Condition No.	Condition
S-1	DEADLINES FOR NOTIFICATION: Persons desiring coverage for a storm water discharge associated with construction activity under this general permit must submit a LCNOD Form with the required submittals. The LCNOD should be submitted at least 30 days prior to the commencement of construction activities. Discharge of storm water without written notification of coverage under this permit or issuance of an individual National Pollutant Discharge Elimination System (NPDES) Storm Water Permit is a violation of the Mississippi Air and Water Pollution Control Law 49-17-29(2)(b). [WPC-1]
S-2	REQUIRED SUBMITTALS WITH THE LCNOD: Submittals required with a completed LCNOD include a site-specific SWPPP associated with the construction activities, a United States Geological Survey (USGS) quad map, or photocopy, extending at least 1/2 mile beyond the facility property boundaries with the site location outlined or highlighted. [WPC-1]
S-3	ADDITIONAL SUBMITTALS MAY INCLUDE THE FOLLOWING: (1) Appropriate Section 404 documentation from U.S. Army Corps of Engineers, (2) Appropriate documentation concerning future disposal of sanitary sewage and sewage collection system construction, (3) Appropriate documentation from the MDEQ Office of Land & Water concerning dam construction and low flow requirements, and/or (4) Approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties in the form of a signed certification by the official responsible for the wastewater treatment facility that will serve the proposed project. [WPC-1]
S-4	ADDITIONAL NOTIFICATION: The covered owner or operator must notify the Permit Board at least 30 days before any planned changes of ownership or whenever there are any changes in information previously submitted in the LCNOD Form. [WPC-1]

ACT4 (continued):

Narrative Requirements:

Condition No.	Condition
T-1	WHERE TO OBTAIN LCNOI FORMS: LCNOI Forms may be obtained from the MDEQ at the address shown below or by calling 601-961-5171. LCNOI Forms, as well as the general permit and guidance manual, may be found on the MDEQ web site at www.deq.state.ms.us. Coverage under this permit will not be granted until all other required MDEQ permits, certifications and approvals are satisfactorily addressed. [WPC-1]
T-2	WHERE TO SUBMIT THE LCNOI: Complete and appropriately signed LCNOI Forms must be submitted to: Chief, Environmental Permits Division Mississippi Department of Environmental Quality Office of Pollution Control P.O. Box 2261 Jackson, Mississippi 39225 For priority or overnight deliveries, the physical address is: 515 East Amite Street Jackson, Mississippi 39201. [WPC-1]
T-3	FAILURE TO NOTIFY: Persons who discharge storm water associated with Large Construction activity to waters of the State without an NPDES permit are in violation of the Mississippi Air and Water Pollution Control Law 49-17-29(2)(b). [WPC-1]

ACT5 (continued):

Narrative Requirements:

Condition No.	Condition
T-3	SWPPP CONTENT (continued): (5) Minimize sediment discharges from the site. The design, installation and maintenance of erosion and sediment controls must address factors such as the amount, frequency, intensity and duration of precipitation, the nature of resulting storm water runoff, and soil characteristics, including the range of soil particle sizes expected to be present on the site; (6) Provide and maintain natural buffers around surface waters, direct storm water to vegetated areas to increase sediment removal and maximize storm water infiltration, unless infeasible; and (7) Minimize soil compaction and, unless infeasible, preserve topsoil; (8) Direct storm water to vegetated areas, brush barriers, silt fences, hay bales, etc. to aid in the filtration, infiltration, velocity reduction and diffusion of the discharge; (9) Transport runoff down steep slopes through lined channels or piping; (10) Minimize the amount of cut and fill, and soil compaction; and (11) Minimize off-site vehicle tracking of sediments. [WPC-1]

ACT5 (continued):

Narrative Requirements:

Condition No.	Condition
T-5	(2) Structural practices shall divert flows from exposed soils, store flows or otherwise limit runoff from exposed areas. Such practices may include, but are not limited to, construction entrance/exit, silt fences, earth dikes, brush barriers, drainage swales, check dams, subsurface drains, pipe slope drains, level spreaders, drain inlet protection, outlet protection, detention/retention basins, sediment traps, temporary sediment basins or equivalent sediment controls. Specific practices that must be included, unless infeasible, are: (A) For drainage locations (a drainage point at boundary of land disturbing activity) that serve an area with ten (10) or more disturbed acres at one time, a temporary (or permanent) sediment basin providing at least 3600 cubic feet (133 cubic yards) of storage per acre drained shall be provided until final stabilization of the site. Sediment basins must be installed before major site grading and utilize outlet structures that withdraw water from the surface and that are designed for a minimum 2-year, 24-hour storm event. If flocculants are being introduced, sediment basins must be downstream of the point of introduction and include baffles to increase sediment removal efficiency and turbidity reduction. Due to the unique characteristics of linear projects, such as the lack of space within project rights of way and having multiple, distributed discharge points, sedimentation basins are not common practices. Therefore, MDEQ will not require the use of sedimentation basins for linear projects disturbing ten (10) or more acres at one time. Appropriate alternate structural practices, such as sediment traps and check dams, must be included in the SWPPP if sediment basins are deemed infeasible. [WPC-1] (B) Steep Slopes (see Definition) that cannot be avoided must have, at a minimum, silt fences or equivalent sediment controls for all down slope boundaries (and for those side slope boundaries deemed appropriate by individual site conditions), unless a sediment basin providing storage for a calculated volume of runoff from a 2-year, 24-hour storm or 3,600 cubic feet of storage per acre drained is provided. (C) Construction entrances/exits shall be installed wherever traffic will be leaving a construction site and moving directly onto a paved public road. (D) Storm Drain Inlets-Inlets that could receive storm water form construction activities shall be protected by surrounding or covering with a filter material until final stabilization has been achieved. [WPC-1]
T-6	

ACT5 (continued):

Narrative Requirements:

Condition No.	Condition
T-10	Flocculant Application: Flocculants, meeting the criteria contained in ACT8 and used in accordance with manufacturer's instructions, may be incorporated as part of an overall storm water management system. If flocculant application is proposed, the SWPPP must list the proposed flocculants to be used, describe the method, frequency and location of introduction, and identify the location of BMPs where flocculated material will settle. [WPC-1]
T-11	Prepare Scaled Site Map(s): The owner or operator shall prepare a scaled site map showing: (1) Boundaries of property and proposed construction activities, noting any phasing of construction activities, (2) Original and proposed contours (if feasible), with steep slopes identified, (3) North arrow, (4) Drainage pattern arrows, (5) Location of sensitive areas, such as wetlands, perennial streams and adjacent receiving water bodies, (6) Location of any storm drain inlets, (7) All erosion and sediment controls (vegetative and structural), (8) Any post-construction control measures, and (9) Location of housekeeping practices. If flocculant application is proposed, the location(s) of the following items shall be marked and labeled on the site map. (1) Flocculant introduction point(s), and (2) BMPs where flocculated material will settle. If the construction project is a linear construction project (e.g., pipeline, highway, etc.), a scaled site map is not required, however standard diagrams (e.g., cross sections showing dimensions and labeled components) of erosion and sediment controls to be used must be submitted. [WPC-1]
T-12	Implementation Sequence: The SWPPP shall outline an implementation sequence (including any phasing of construction activities), which coordinates the timing of all major land-disturbing activities together with the necessary erosion and sedimentation control measures planned for the project. [WPC-1]

ACT5 (continued):

Narrative Requirements:

Condition No.	Condition
T-17	Example Storm Water Pollution Prevention Plans (SWPPPs): Example SWPPPs are included in the Mississippi Storm Water Pollution Prevention Plan Guidance Manual for Construction Activities as well as the MDEQ Registration Form for Individual Residential Lots The Mississippi Storm Water Pollution Prevention Plan Guidance Manual for Construction Activities is also available online at: http://www.deq.state.ms.us/MDEQ.nsf/pdf/epd_conguidman/\$File/ConstructionGM.pdf The MDEQ Registration Form for Individual Residential Lots is in the Large Construction Forms Package, which is available online at: http://www.deq.state.ms.us/MDEQ.nsf/pdf/epd_Large_Construction_Forms_Package/\$File/LARGE_CONST_FORMS_PACKAGE.pdf US EPA also lists example SWPPPs on their website at: http://cfpub.epa.gov/npdes/stormwater/swppp.cfm#model. [WPC-1]

ACT6 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-2	IMPLEMENTATION REQUIREMENTS (continued): (6) Install needed erosion controls even if they may be located in the way of subsequent activities, such as utility installation, grading or construction. It shall not be an acceptable defense that controls were not installed because subsequent activities would require their replacement or cause their destruction. (7) Install additional and/or alternative erosion and sediment controls when existing controls prove to be ineffective in preventing sediment from leaving the site. (8) Comply with applicable State or local waste disposal, sanitary sewer or septic system regulations (9) Erosion and sediment controls shall be maintained at all times. Except for sediment basins, all accumulated sediment shall be removed from structural controls when sediment deposits reach one-third to one-half the height of the control. For sediment basins, accumulated sediment shall be removed when the capacity has been reduced by 50%. All removed sediment deposits shall be properly disposed. Non-functioning controls shall be repaired, replaced or supplemented with functional controls within twenty-four (24) hours of discovery or as soon as field conditions allow. (10) If, after coverage issuance, a specific wasteload allocation is established that would apply to the facility's discharge, the facility must implement steps necessary to meet that allocation. [WPC-1]
S-3	COMPLIANCE WITH LOCAL STORM WATER ORDINANCES: (1) The SWPPP shall be in compliance with all local storm water ordinances. (2) When storm water discharges into an MS4 (municipal separate storm sewer system), the owner or operator shall make the SWPPP available to the local authority and/or allow site access, upon request. [WPC-1]

ACT7 (LCGP) Limitation Requirements:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		NON-NUMERIC LIMITATION REQUIREMENTS: Storm water discharges shall be free from: (1) Debris, oil, scum, and other floating materials other than in trace amounts, (2) Eroded soils and other materials that will settle to form objectionable deposits in receiving waters, (3) Suspended solids, turbidity and color at levels inconsistent with the receiving waters, (4) Chemicals in concentrations that would cause violation of State Water Quality Criteria in the receiving waters. [WPC-1]

ACT9 (LCGP) Optional Monitoring:

Narrative Requirements:

Condition No.	Condition
T-1	Monitoring under this general permit is strictly voluntary, the results of which will not be required to be documented and/or reported. At the time of the issuance of this general permit, the U.S. EPA had temporarily stayed the numeric effluent limit for construction storm water that was prescribed in the December 1, 2009 Effluent Limitation Guidelines and Standards for the Construction and Development Point Source Category Final Rule (ref. Federal Register, Vol. 74, No. 229, pages 62996-63058). Accordingly, this general permit does not contain a numeric effluent limit for construction storm water discharges. The optional effluent monitoring provisions of this section are included as guidance to coverage recipients that may be interested in evaluating and optimizing the effectiveness of storm water BMPs in anticipation of a mandatory effluent limit being incorporated in the next general permit re-issuance (scheduled to occur in 2015). The following guidelines were developed based on the above referenced final rule and will likely be the basis of mandatory monitoring requirements of a subsequent general permit re-issuance in the event a final federal numeric effluent limit is promulgated by the expiration date of this general permit. [WPC-1] (1) Monitor the turbidity of each storm water discharge from actively disturbed areas of the project site for each work day the discharge occurs. Actively disturbed areas are those portions of the project site that have undergone soil disturbing activities (i.e., clearing, grading, filling, excavating, etc.) and have not been stabilized. (A) Monitoring should be conducted for each point of storm water discharge from the project site. For the purpose of this permit, a discharge point means any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, or container from which storm water and/or pollutants are, or may be, discharged. (B) Diffuse storm water, such as non-channelized flow that infiltrates into a vegetated area, and does not then discharge to surface waters, would not generally require monitoring. (2) Due to the unique characteristics of linear projects, portions may have suspended construction activity and have undergone temporary or final stabilization (see Definitions) while other portions of the same project may have active construction activities. Therefore, in recognition of these unique regulatory circumstances only those areas that have active construction activities will require numeric turbidity monitoring. Those areas that have been completed and stabilized will not require turbidity monitoring. [WPC-1]
T-2	

ACT9 (continued):

Narrative Requirements:

Condition No.	Condition
T-4	(C) Monitoring may be accomplished via portable turbidity meters or fixed automated sampling/meter stations. (i) Monitoring should be based on grab samples for portable meters. (ii) Automated samplers should be programmed to yield a minimum of three (3) representative readings per discharge, per day. (iii) Daily turbidity averages should be the average of all monitoring results collected on the day of discharge for the respective discharge point(s). For example, if there were five (5) turbidity readings in a given day, then the average turbidity for that day would be the average of all five (5) readings. (D) Grab samples should be collected according to the following methodology to ensure that each sample is representative of the flow conditions and other characteristics of the discharge. (i) Collect samples from the horizontal and vertical center of the storm water outfall channel(s) or other sources of concentrated flow. (ii) Avoid stirring the bottom sediments in the storm water channel in which samples are taken by not walking through the areas of storm water flow or disturbing the sediment with the sampling device. (iii) Hold sampling container so that the opening faces the upstream direction of the storm water channel in which samples are taken. (iv) Avoid overfilling sample container. (E) Monitoring should be conducted for any discharge that occurs during the normal working hours of the project site. [WPC-1]

ACT10 (LCGP) Record Keeping and Reporting Requirements:

Record-Keeping Requirements:

Condition No.	Condition
R-1	RETENTION OF RECORDS: All records, reports, forms and information resulting from activities required by this permit shall be retained for a period of at least three (3) years from the date that the document(s) was generated. [WPC-1]

Submittal/Action Requirements:

Condition No.	Condition
S-1	SUSPENSION OF WEEKLY INSPECTIONS AND MONTHLY RECORD KEEPING: Coverage recipients under this general permit may suspend weekly inspection and monthly record keeping requirements, if the coverage recipient certifies that: (1) Land disturbing activities have temporarily ceased, (2) No further land disturbing activities are planned for a period of at least six (6) months, (3) Areas that have been disturbed meet the definition of "final stabilization" (see Definitions), with no active erosion, and (4) Vegetative cover has been established.

Color photographs representative of the site must be submitted with the Inspection Suspension Form provided in the Large Construction Forms Package. The coverage recipient shall notify the MDEQ once construction activities are resumed and the weekly inspections shall commence immediately and as required in ACT6, S-4. The coverage recipient is still responsible for all permit conditions during the suspension period and nothing in this condition shall limit the rights of the MDEQ to take enforcement or other actions against the coverage recipient. [WPC-1]

ACT11 (LCGP) Termination of Permit Coverage:

Submittal/Action Requirements:

Condition No.	Condition
S-1	Within thirty (30) days of final stabilization (see Definition of Final Stabilization (1)) for a covered project, a completed Request for Termination (RFT) of Coverage form (provided in the Large Construction Forms Package) shall be submitted to the Permit Board. Upon receiving the completed RFT, the MDEQ staff will inspect the site. If no sediment and erosion control problems are identified and adequate permanent controls are established, the owner or operator will receive a termination letter. Coverage is not terminated until notified in writing by MDEQ. Failing to submit a RFT is a violation of permit conditions. The coverage recipient of a "larger common plan of development or sale" must submit a RFT within thirty (30) days after the following conditions are met: (1) Final stabilization (see Definition of Final Stabilization (2)) has been achieved on all portions of the site for which the coverage recipient is responsible, and (2) Other owner(s) or operator(s) have assumed control (by completing a LCN01 or MDEQ Registration Form) over all areas of the site that have not achieved final stabilization. The coverage recipient of a residential "larger common plan of development or sale" must submit a copy of the MDEQ Registration Form for each lot sold with the RFT. Residential lot owners or operators that have completed the MDEQ Registration Forms are not required to submit a RFT, unless specifically requested by the MDEQ staff. The lot permit coverage is considered terminated upon "successful completion of all permanent erosion and sediment controls" (see Definitions). [WPC-1]

ACT12 (continued):

Narrative Requirements:

Condition No.	Condition
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T-7 SIGNATORY REQUIREMENTS:

All LCNNOs and requests for recovery shall be signed as follows:

(1) For a corporation by a responsible corporate officer. For this permit, a responsible corporate officer means:

(A) A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or

(B) The manager of one or more manufacturing, production or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

Note: MDEQ does not require specific assignments or delegations of authority to responsible corporate officers identified in paragraph (1)(A) above. The Department will presume that these responsible corporate officers have the requisite authority to sign permit applications unless the corporation has notified the Permit Board to the contrary. Corporate procedures governing authority to sign permit applications may provide for assignment or delegation to applicable corporate positions under paragraph (1)(B) above rather than to specific individuals.

(2) For a partnership or sole proprietorship by a general partner or the proprietor, respectively; or

(3) For a municipal, State, Federal, or other public agency by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes:

(A) The chief executive officer of the agency, or

(B) A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency. [WPC-1]

ACT12 (continued):

Narrative Requirements:

Condition No.	Condition
T-11	PROPER OPERATION AND MAINTENANCE: The coverage recipient shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the coverage recipient to achieve compliance with the conditions of this permit including the Storm Water Pollution Prevention Plan. Proper operation and maintenance includes adequate laboratory controls with appropriate quality assurance procedures and requires the operation of backup or auxiliary facilities when necessary to achieve compliance with permit conditions. [WPC-1]
T-12	MONITORING AND RECORDS: (1) Monitoring. Samples and measurements shall be representative of the monitored activity and must be conducted according to test procedures approved under 40 CFR Part 136. (2) Retention of Records. The owner or operator shall retain records of all required monitoring information for a period of at least three years from the date of the measurement, report, or application. This information includes all calibration and maintenance records, all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the Notice of Intent to be covered by this permit. This period may be extended by request of the Permit Board or its designee. (3) Record Contents. Records of monitoring information shall include: (A) The date, exact location, and time of sampling or measurements, (B) The initials or names of the individuals who performed the sampling or measurements, (C) The date(s) and time(s) analyses were performed, (D) The initials or names of the individuals who performed the analyses, (E) References and written procedures, when available, for the analytical techniques or methods used, and (F) The results of such analyses, including the bench sheets, instrument readouts, computer disks or tapes, etc., used to determine these results. [WPC-1]

ACT12 (continued):

Narrative Requirements:

Condition No.	Condition
T-15	INSPECTION AND ENTRY: The coverage recipient shall allow the Permit Board staff or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to: (1) Enter upon the owner or operator's premises where a regulated activity is located or conducted or where records must be kept under the conditions of this permit; (2) Have access to and copy at reasonable times any records that must be kept under the conditions of this permit; (3) Inspect at reasonable times any facilities or equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and (4) Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location. [WPC-1]

T-16 PERMIT ACTIONS:

This permit may be modified, revoked and reissued, or terminated for cause. A request by the coverage recipient for permit or coverage modification, revocation and reissuance, or termination, or a certification of planned changes or anticipated noncompliance does not stay any permit condition. [WPC-1]

T-17 NONCOMPLIANCE REPORTING:

- (1) Anticipated Noncompliance. The coverage recipient shall give at least ten (10) days advance notice, if possible, before any planned noncompliance with permit requirements. Giving notice of planned or anticipated noncompliance does not immunize the coverage recipient from enforcement action for that noncompliance.
- (2) Unanticipated Noncompliance. The coverage recipient shall notify the MDEQ orally within twenty-four (24) hours from the time he or she becomes aware of unanticipated noncompliance, which may endanger health or the environment. A written report shall be provided to the MDEQ within five (5) working days of the time he or she becomes aware of the circumstances leading to the unanticipated noncompliance. The report shall describe the cause, the exact dates and times, steps taken or planned to reduce, eliminate, or prevent reoccurrence and, if the noncompliance has not ceased, the anticipated time for correction. MDEQ may waive the written report on a case-by-case basis, if the oral report is received within 24 hours. [WPC-1]

ACT12 (continued):

Narrative Requirements:

Condition No.	Condition
T-22	FALSIFYING REPORTS: Any coverage recipient who falsifies any written report required by or in response to a permit condition shall be deemed to have violated a permit condition and shall be subject to the penalties provided for a violation of a permit condition pursuant to Section 49-17-43 of the Mississippi Water Pollution Control Law (Mississippi Code Ann. Sections 49-17-1 et seq.). [WPC-1]
T-23	CIVIL AND CRIMINAL LIABILITY: (1) Any person who violates a term, condition or schedule of compliance contained within this permit or the Mississippi Air and Water Pollution Control Law is subject to the actions defined by the Mississippi Air and Water Pollution Control Law. (2) Except as provided in permit conditions on "Bypassing" and "Upsets", nothing in this permit shall be construed to relieve the coverage recipient from civil or criminal penalties for noncompliance. (3) It shall not be the defense of the coverage recipient in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [WPC-1]

ACT13 (continued):

Narrative Requirements:

Condition No.	Condition
T-10	DAILY DISCHARGE means the "discharge of a pollutant" measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily average" is calculated as the average measurement of the discharge of the pollutant over the day. [WPC-1]
T-11	EXECUTIVE DIRECTOR means the Executive Director of the Department of Environmental Quality. [WPC-1]
T-12	FACILITY or ACTIVITY means any NPDES "point source" or any other facility or activity (including land or appurtenances thereto) that is subject to regulation under the NPDES program. [WPC-1]
T-13	FINAL STABILIZATION means that either: (1) All soil disturbing activities at the site have been completed, and that a uniform perennial vegetative cover with a density of at least 70% for the area has been established or equivalent measures (i.e., concrete or asphalt paving, rip rap, etc.) have been employed; or (2) For individual lots part of a larger common plan of development or sale in residential or commercial developments, that either: (A) The coverage recipient has completed final stabilization as specified in (1) above, or (B) The coverage recipient has established temporary stabilization before another property owner assumes operational control for the property AND the coverage recipient for the larger common plan of development has provided the appropriate Notice of Intent or Registration form, the appropriate Construction General Permit, and guidance documents to the new property owner and the new owner assumes control by completing the appropriate NOI or Registration Form. [WPC-1]
T-14	GRAB SAMPLE is a sample that is taken from a wastestream on a one-time basis without consideration of the flow rate of the wastestream and without consideration of time. Samples should be collected from the center of the flow channel, where turbulence is at a maximum. [WPC-1]
T-15	INFEASIBLE means there is a site-specific constraint that makes a control technology impossible and/or not reasonable to implement, or that implementing the control would be cost-prohibitive. [WPC-1]

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ACT13 (continued):

Narrative Requirements:

Condition No.	Condition
T-23	OWNER or OPERATOR for the purpose of this permit and in the context of storm water associated with construction activity, means any party associated with a construction project that meets either of the following two criteria: (1) The party has operational control over construction plans and specifications, including the ability to make modifications to those plans and specifications; or (2) The party has day to day operational control of those activities at a project which are necessary to ensure compliance with a storm water pollution prevention plan for the site or other permit conditions (e.g., they are authorized to direct workers at a site to carry out activities required by the SWPPP or comply with other permit conditions). This definition is provided to inform coverage recipients of MDEQ's interpretation of how the regulatory definitions of "owner or operator" and "facility or activity" are applied to discharges of storm water associated with construction activity. [WPC-1]
T-24	PERMIT BOARD means the Mississippi Environmental Quality Permit Board established pursuant to Miss. Code Ann. 49-17-28. [WPC-1]
T-25	POLLUTANT is defined at 40 CFR 122.2. A partial listing from this definition includes: dredged spoil, solid waste, sewage, garbage, sewage sludge, chemical wastes, biological materials, heat, wrecked or discarded equipment, rock, sand, sediment, silt, cellar dirt, and industrial or municipal waste. [WPC-1]
T-26	POLYMER FLOCCULANT, for the purpose of this permit, is a chemical that when added to storm water containing small suspended particles (e.g., fine silts and clays) causes the particles to stick together and fall out of suspension, reducing the overall turbidity of the storm water discharge. [WPC-1]
T-27	QUALIFIED PERSONNEL means a person knowledgeable in the principles and practice of erosion and sediment controls who possesses the skills to assess conditions at the construction site that could impact storm water quality and to assess the effectiveness of any sediment and erosion control measures selected to control the quality of storm water discharges from the construction activity. [WPC-1]
T-28	STATE LAW means The Mississippi Air and Water Pollution Control Law, specifically, Miss. Code Ann 49-17-1 through 49-17-43, and any subsequent amendments. [WPC-1]
T-29	STEEP SLOPES, as used in this permit, means slopes or grades steeper than (3:1). [WPC-1]
T-30	STORM WATER means rainfall runoff, snowmelt runoff, and surface runoff. [WPC-1]
T-31	STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY as used in this permit, refers to a discharge of pollutants in storm water from areas where soil disturbing activities (e.g., clearing, grading, or excavation), construction materials or equipment storage or maintenance (e.g., stock piles, borrow area, concrete truck chute wash down, fueling) are located. [WPC-1]

ACT13 (continued):

Narrative Requirements:

Condition No.	Condition
T-42	WPC-1 means the State of Mississippi's Wastewater Regulations for National Pollutant Discharge Elimination System (NPDES) Permits, Underground Injection Control (UIC) Permits, State Permits, Water Quality Based Effluent Limitations and Water Quality Certifications. [WPC-1]

PART 6

TECHNICAL SPECIFICATIONS

SECTION S-101 - DEFINITIONS AND TERMS

Wherever in these specifications or in other contract documents the following terms or pronouns in place of them are used, the intent and meaning shall be interpreted as follows:

S-101.01--Abbreviations. Wherever the following abbreviations are used, with or without periods, in these specifications or other contract documents, they are to be construed the same as the respective expressions represented:

AAN	American Association of Nurserymen
AAR	Association of American Railroads
AASHTO	American Association of State Highway and Transportation Officials
ACI	American Concrete Institute
AGC	Associated General Contractors
AIA	American Institute of Architects
AIEE	American Institute of Electrical Engineers
AISC	American Institute of Steel Construction
AISI	American Iron and Steel Institute
AITC	American Institute of Timber Construction
ANSI	American National Standards Institute
AOAC	Association of Official Analytical Chemists
API	American Petroleum Institute
APWA	American Public Works Association
ARA	American Railway Association
ARBA	American Road Builders Association
AREA	American Railway Engineering Association
ARTBA	American Road and Transportation Builders Association
ASCE	American Society of Civil Engineers
ASLA	American Society of Landscape Architects
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials
AWG	American Wire Gage
AWPA	American Wood Preservers Association
AWS	American Welding Society
AWWA	American Water Works Association
BMP	Best Management Practices
CBR	California Bearing Ratio
CFR	Code of Federal Regulations
CRSI	Concrete Reinforcing Steel Institute
CCR	Construction Change Request
CS	Commercial Standards, U. S. Department of Commerce
CSPI	Corrugated Steel Pipe Institute
CWA	Clean Water Act
DEQ	Department of Environmental Quality
EIA	Electronic Industries Association
EOSE	Estimated On Site Excavation
EPA	Environmental Protection Agency
FHWA	Federal Highway Administration
FM	Final Measure
FME	Final Measure Embankment
FSS	Federal Specifications and Standards (General Services Administration)
HMA	Hot Mix Asphalt

HRB	Highway Research Board
ID	Inside Diameter
IES	Illuminating Engineering Society
IMSA	International Municipal Signal Association
IPS	Interior Pipe Size
IS	Interim Specification
ITE	Institute of Traffic Engineers
LVM	Loose Vehicular Measure
MAPA	Mississippi Asphalt Pavement Association
MBM	Thousand Feet Board Measure
MDEQ	Mississippi Department of Environmental Quality
MDOT	Mississippi Department of Transportation
MS	Military Specifications
MSG	Manufacturers Standard Gage
MUTCD	Manual on Uniform Traffic Control Devices
NACE	National Association of Corrosion Engineers
NAPA	National Asphalt Pavement Association
NBC	National Building Code
NBS	National Bureau of Standards
NEC	National Electric Code
NEMA	National Electrical Manufacturers Association
NPC	National Plumbing Code
NPDES	National Pollutant Discharge Elimination System
NSF	National Sanitation Foundation
NTB	Notice To Bidders
OD	Outside Diameter
OSHA	Occupational Safety and Health Administration
PCI	Prestressed Concrete Institute
PM	Plan Measure
RAP	Recycled Asphalt Pavement
RCRA	Resource Conservation and Recovery Act
SA	Supplemental Agreement
SAE	Society of Automotive Engineers
SP	Special Provisions
SS	Supplemental Specifications
SSPC	Steel Structures Painting Council
SWPPP	Storm Water Pollution Prevention Plan
TRB	Transportation Research Board
TSR	Tensile Strength Ratio
UL	Underwriters Laboratories, Inc.
UNC	Upset National Coarse Threaded Bolts
UST	Underground Storage Tank

S-101.02--Definitions.

Additive - A substance or agent added in small amounts to a basic ingredient of a mixture prior to mixing.

Admixture - A substance or agent added in small amounts to the basic ingredients of a mixture during the mixing process.

Advertisement - The public announcement, as required by law, inviting bids for work to be performed or materials to be furnished.

Alternate Designs - Alternate design of construction or of construction and materials designated in the bid schedule of the proposal as Alternate Designs which must be pre-selected by the Contractor and indicated on his bid. Alternate Designs may contain Alternate or Optional Items.

Alternate Items - Alternate pay items of work, or materials and work designated in the bid schedule of the proposal as Alternate Items, with separate pay item numbers, and which must be preselected by the Contractor and indicated on his bid.

Award - The acceptance by the Owner of a bid.

Base Course - The layer or layers of specified or selected material of designed thickness placed on a subbase or a subgrade to support a pavement.

Basement Soils - That portion of the roadway in embankment areas below the design soil and to the bottom of the embankment or undercut, whichever is lower, and that portion of the earthwork in cut areas below the design soil and to the bottom of any undercut or other treatment required, whichever is lower.

Bidder - An individual, firm, partnership or corporation formally submitting a bid for the advertised work.

Binder Course - A combination of graded aggregate and bituminous material which constitutes the lower layer or layers of a flexible pavement, but not part of bituminous base or subbase course.

Board - The legally elected Alderman of the City who are responsible for the project and are shown as the party of the first part to the contract.

Borrow - Suitable material from approved sources outside the roadway prism, used primarily for embankments.

Box Bridge - A box culvert having a clear distance between inside face of the end supports exceeding 20 feet measured along the centerline of the roadway.

Bridge - A structure, including supports, erected over a depression or an obstruction, as water, highway, or railway, and having a track or passageway for carrying traffic or other moving loads and having a length measured along the center of the roadway of more than 20 feet between undercopings of abutments or extreme ends of openings for multiple boxes.

Bridge Length - The length of a bridge structure is the overall length measured along the line of survey stationing back to back of backwalls of abutments, if present, otherwise end to end of the bridge floor; but in no case less than the total clear opening of the structure.

Bridge Roadway Width - The clear width measured at right angles to the longitudinal centerline of the bridge between the bottom of curbs or railing.

Bridge Site - Unless otherwise specified in the contract, the bridge site shall be the entire area between the right-of-way lines and between lines paralleling the bridge ends and passing through the longitudinal extremities of the substructure or superstructure, whichever is greater.

Calendar Day - Any day shown on the calendar, beginning and ending at midnight.

Catastrophic Event - Slides, flooded major streams when such flood is determined to be in excess of the design stage; earthquakes, tornadoes, hurricanes, and other such disastrous phenomena of nature.

Commission - The Mississippi Transportation Commission.

Conformity - The degree of perfection required for the materials furnished and the work performed, and determined:

- (a) In the case of a "specified" value of a measurable characteristic, as set out in S-700.04.
- (b) In the case of a required "minimum" or "maximum" value of a measurable characteristic, as set out in S-700.04.
- (c) In the case of a required non-measurable characteristic, as being satisfactory to the Engineer.

Construction Change Request - An approved written order covering changes in the plans or quantities or both, within the scope of the contract, and establishing the basis of payment and time adjustments for the work affected by the changes.

Contract - The written agreement between the Owner, the Contractor and the Engineer setting forth the obligations of the parties thereunder, including but not limited to, the performance of the work, the furnishing of labor and materials, and the basis of payment.

The contract includes the invitation for bids, proposal, contract form and contract bond, specifications, supplemental specifications, general and detailed plans, special provisions, notices to bidders, and also any construction change requests and agreements that are required to complete the construction of the work in an acceptable manner, including authorized extensions thereof, all of which constitute one instrument.

Contract Bond - The approved form of security, executed by the Contractor and his Surety, guaranteeing complete execution of the contract and all supplemental agreements pertaining thereto and the payment of all legal debts pertaining to the construction of the project.

Contract Documents - All original or official papers relied upon as the basis, proof or support of the contract and shall include papers stated in the definition of the Contract.

Contract Time - The period of time, including authorized extensions, allowed for completion of the work under the contract.

Contract Unit Price - The price established in S-902-Proposal, or by Supplemental Agreement for a specifically described unit of work.

Contractor - The individual, firm, partnership or corporation contracting with the Owner for performance of prescribed work.

Controlling Work - The work or construction operations normally expected to be in progress as determined by the Engineer.

County - The county in which the work specified is to be performed.

Cross Slope - The rate of transverse slope in a roadbed element.

Culvert - Any structure not classified as a bridge which provides an opening under the roadway.

Department - The Mississippi Department of Transportation.

Design Grade - Design grade is any intermediate control grade at a vertical distance, as established on the typical section of the plans for the various intermediate courses, below profile grade.

Design Soil - That portion of the roadbed consisting of the top three feet of untreated or treated soils in excavated sections and embankments.

Detour - A designated existing route around a construction site.

Director - The Executive Director of the Mississippi Department of Transportation acting directly or through his authorized representatives.

Diversion - Temporary rerouting of traffic on a construction site.

Documentation - Written evidence recorded by an authorized individual of facts or conditions relating to a particular contractual matter.

Elements of Geometric Design - Those geometric elements of the highway which are defined in the "AASHTO Policy on Geometric Design" in effect at the time bids are received.

Engineer - The Project Engineer, acting directly or through his duly authorized representatives, who is responsible for engineering supervision of the construction.

Equipment - All machinery and equipment, together with the necessary supplies for upkeep and maintenance, and also tools and apparatus necessary for the proper construction and acceptable completion of the work.

Executive Director - The Executive Director of the Mississippi Department of Transportation acting directly or through his authorized representatives.

Extra Work - An item of work not provided for in the contract as awarded, or an item of work provided for in the contract the nature or character of which is changed such as to justify a price adjustment, either of which is found essential in the satisfactory completion of the contract within its intended scope.

Extra Work Order - A CCR/SA concerning the performance of work or furnishing of materials involving extra work. Such extra work may be performed at contract prices or on a force account basis as provided elsewhere in these specifications.

Fixed Contract Unit Price - When the bid schedule of the proposal form indicates a fixed contract unit price (FCP), this price shall become the contract price for that item and shall be used in determining the total amount of the proposal.

Foreign Materials - Foreign materials are defined as being any material or manufactured product whose manufacturing process takes place outside the United States.

Hazardous Waste - Wastes that are regulated or “listed” under RCRA(40 CFR 261), or are ignitable, corrosive, reactive or toxic.

Highway, Street, or Road - A general term denoting a public way for purposes of vehicular travel, including the entire area within the right-of-way.

Holidays, Legal- In the State of Mississippi, holidays occur on:

January 1	New Year's Day
Third Monday in January	Robert E. Lee's and Dr. Martin Luther King, Jr.'s Birthday
Third Monday in February	Washington's Birthday
Last Monday in April	Confederate Memorial Day
Last Monday in May	National Memorial Day and Jefferson Davis' Birthday
July 4	Independence Day
First Monday in September	Labor Day
November 11	Armistice (Veterans') Day
Thanksgiving Day	As Proclaimed
December 25	Christmas Day

When a legal holiday falls on a Saturday or Sunday, the following Monday will be observed as a legal holiday.

Inspector- The Engineer's authorized representative assigned to make detailed inspections of contract performance.

Invitation for Bids - The advertisement for proposals for all work or materials on which bids are required. The advertisement will indicate with reasonable accuracy the quantity and location of the work to be done or the character and quantity of the material to be furnished and the time and place of the opening of proposals.

Laboratory - The testing laboratory utilized by the Contractor.

Legend - The words, letters and arrows, and other symbols shown on the plans and designated as legend, required to be placed on the surface of a pavement in the form of paint and glass beads, thermoplastic and glass beads or other similar specified materials, to serve as pavement markings.

Local Traffic - Traffic whose origin or destination is adjacent to that part of the project under construction.

Major and Minor Contract Items - A major item of work shall be defined as an item whose total monetary value, determined by multiplying the proposal quantity by the contract unit price, is equal to or greater than five percent of the original total contract amount. Unless otherwise specifically shown in the contract, all other items shall be considered minor items. Minor items shall become major items when increased to the extent that the total monetary value of such item at the original contract unit price is equal to or greater than five percent of the original total contract amount. A major item of work will remain a major item of work unless it is completely eliminated, or reduced by Supplemental Agreement for the purpose of substituting another item(s) in lieu thereof. When an item is eliminated, it shall be treated as provided for under S-109.05.

Materials - Any substances specified for use in the construction of the project and its appurtenances.

Notice to Bidders - All notices, issued to the prospective bidders, pertaining to or establishing requirements governing the submission of proposals, quantities or qualities of materials or work, the performance of the work, or payment therefor.

Notice to Contractors - Pre-bidding notices to prospective bidders, including the advertisement and other pertinent pre-bid information labeled as Notice to Contractors.

Notice to Proceed - Written notice to the Contractor to proceed with the contract work including, when applicable, the date of beginning of contract time.

Omitted Section - A section within the designated project limits in which no work (excluding construction signing, approaches and/or temporary connections) is to be performed, and the Contractor does not have any responsibility for maintenance of the roadway or traffic unless specifically provided of in the contract.

Optional Items - Items listed in the bid schedule of the proposal which are considered to be comparable for the purpose intended and from which the Contractor is not required to make a selection prior to or at the time of execution of the contract.

Pavement - The portion of the roadbed constructed upon the base course and specifically constructed as the contact element for vehicular traffic.

Pavement Structure - The combination of a pavement, a base course and, when specified, a subbase course, placed on a subgrade to support the traffic load and distribute it to the roadbed.

Pay Item - A specifically described unit of work for which a price is provided in the contract.

Plans - The approved plans, profiles, typical cross-sections, working drawings and supplemental drawings, or exact reproduction thereof, which show the location, character, dimensions, and details of the work to be done.

Profile Grade - The trace of a vertical plane intersecting the top surface of the proposed wearing surface as shown on the plans or established by the Engineer, usually along the longitudinal centerline of the roadbed. Profile grade means either elevation or gradient of such trace according to the context.

Project - The specific section of the highway together with the appurtenances and construction to be performed thereon under the contract.

Proposal - The offer of a bidder, on the prescribed form, to perform the work at the prices quoted.

Proposal Form - The approved form on which the Engineer requires bids to be prepared and submitted for the work.

Proposal Guaranty - The certified check, cashier's check or bid bond furnished with the bid to guarantee that the bidder will enter into a contract for the work and furnish acceptable bond if his bid is accepted.

Qualified prison facility - Any prison facility in which convicts, during the 12 month period ending July 1, 1987, produced materials for use in Federal Aid highway construction projects.

Retainage - A general term denoting funds withheld from partial payments.

Right-of-Way - A general term denoting land, property, or interest therein, usually in a strip, acquired for or devoted to a highway and its appurtenances.

Roadbed - The graded portion of a highway within top and side slopes prepared as a foundation for pavement structure and shoulders.

Roadside - A general term denoting the area adjoining the outer edge of a roadway.

Roadside Development - Those items necessary to the complete highway which provide for the preservation of landscape materials and features; the rehabilitation and protection against erosion of all areas disturbed by construction through seeding, sodding, mulching and the placing of other ground covers; and such suitable planting, other improvements and public facilities as may increase the effectiveness and usefulness and enhance the appearance of the highway.

Roadway - All surface portions of the highway between shoulder lines. Divided highways are considered to have two roadways.

Roadway Structure - All vertical and horizontal elements of the work, exclusive of bridges, designed to provide and support the roadway.

Shoulders - The portion of the roadway contiguous with the traveled way for the lateral support of the other elements of the pavement structure, and for emergency use of stopped vehicles.

Sidewalk - That portion of the road, highway, or street primarily constructed for use by pedestrians.

Special Provisions - Additions and revisions to the standard and supplemental specifications covering conditions peculiar to an individual project, and included in the proposal assemblies.

Specifications - A general term applied to all directions, provisions and requirements pertaining to performance of the work or materials to be used.

State - The State of Mississippi acting through its authorized representative.

Structures - Bridges, culverts, catch basins, drop inlets, retaining walls, cribbing, manholes, endwalls, buildings, sewers, service pipes, underdrains, foundation drains, and similar features which may be required in the work.

Subbase Course - The layer(s) in the pavement structure between the design soil and the base course. Treated portions of the design soil may be considered as subbase or a portion thereof when its treatment or stabilization is sufficient to adequately improve the bearing value.

Subcontractor - An individual, firm, partnership or corporation to whom the Contractor, with the written consent of the Owner and the Engineer, sublets part of the contract.

Subgrade - The top surface of a design soil upon which the pavement structure and shoulders are constructed.

Substructure - Those parts of a bridge below the bearings of simple and continuous spans, below the bottom surface of concrete box girder spans in which the piers form an integral part of the span-pier entity, or below wingwalls of abutments.

Superintendent - The Contractor's authorized representative in responsible charge of the work.

Superstructure - All parts of a bridge above and exclusive of the substructure.

Supplemental Agreement - A written agreement by the parties of the contract covering alterations or extra work necessary for the completion of the contract.

Surety - The corporate body, qualified under the laws of Mississippi, which is bound with and for the successful bidder by the "bid bond" to execute a satisfactory contract with and for the Contractor for the acceptable performance of the contract and for his payment of all legal taxes and debts pertaining to the construction of the project, including payment of State Sales Tax as prescribed by law.

Temporary Structures - Structures required to maintain traffic while the Contractor constructs structures. The temporary structure shall include the earth approaches thereto unless otherwise specified.

The Work - The furnishing of all labor, materials, equipment, and incidentals necessary to the successful completion of the project and the carrying out of the duties and obligations imposed by the contract.

Titles (or Headings) - The titles or headings of the sections and subsections herein are intended for convenience of reference and shall not be considered as having any bearing on their interpretation.

Township, Town, City or District - A subdivision of the County used to designate or identify the location of the proposed work.

Traveled Way - A portion of the roadway improved, designed or ordinarily used for vehicular travel, exclusive of shoulders or berms.

Work Order - A written order, signed by the Engineer, of a contractual status requiring performance by the Contractor without negotiation of any sort.

Working Day - A calendar day, exclusive of the days listed below, on which weather and soil conditions are such that the Contractor can proceed with construction for seven (7) consecutive daylight hours with normal working forces engaged in performing the controlling work which would be in progress at that time. Excluded days are:

1. Saturdays
2. Sundays
3. State recognized legal holidays
4. Days on which delays are attributable to:
 - (a) The County or State
 - (b) Governmental Authorities
 - (c) Catastrophic events
 - (d) Awaiting growth and coverage of planted vegetation, waiting for prime or concrete to cure, or other specific conditions set out elsewhere in the contract

State recognized legal holidays are as set out in this Subsection. When a legal holiday falls on a Saturday or Sunday, the following Monday will be observed as a legal holiday.

The controlling work will be determined after careful consideration of the Contractor's operation(s) of construction that normally should be in progress at that time, as essential to the orderly completion of the work within the time allowed.

The acceptance of any progress payment accompanying any estimate, without written protest, shall be acknowledgment by the Contractor that the number of working days shown on the estimate are correct. The number of working days shall be indicated in the proposal and counted from the designated date for beginning work or date work actually began, whichever occurs first, to the date of final acceptance.

Working Drawings - Stress sheets, shop drawings, erection plans, falsework plans, framework plans, cofferdam plans, bending diagrams for reinforcing steel, or any other supplementary plans or similar data which the

Contractor is required to submit to the Engineer for approval.

S-101.03. Whenever in these specifications terms not defined herein are used to identify geometric elements of the work, such terms shall be understood to have the meaning as established by AASHTO, and current at the time bids are received.

S-101.04--Presumption. To avoid repetition of expressions, it is provided that any directive, action or opinion that is not so denoted shall be understood to be followed by the words "by the Engineer" or "to the Engineer."

SECTION S-102 - BIDDING REQUIREMENTS AND CONDITIONS

S-102.00--Advertisement. In conformity with State law, the Owner will publish a Notice to Contractors giving notice of a request for bids. This notice will become one of the contract documents if award is made.

The advertisement will state the time and place for submission of sealed proposals; the location and description of the proposed work; estimates of the quantities and kinds of work to be performed or materials to be furnished and a schedule of pay items for which unit bid prices are asked; specified contract time; and instructions to bidders regarding proposal forms, basis of award, proposal guaranty required, plans, specifications, labor requirements, supplemental specifications and/or special provisions, and other pertinent information. Proof of publication of advertisement shall be available at the time of opening of bids.

S-102.01--Prequalification of Bidders. Information may be required from time to time from prospective bidders before issuing proposals.

The attention of prospective bidders is directed to all fees and taxes required for the privilege of doing business within the State.

As a condition precedent to the opening of a bid financed wholly with State funds and which is equal to or in excess of 50,000 dollars, the bidder must have a Certificate of Responsibility issued by the Mississippi State Board of Contractors and the certificate number must be shown on the outside of the sealed envelope containing the bid proposal. When a bid is less than 50,000 dollars, a Certificate of Responsibility is not required but either the statement, "Bid less than 50,000 dollars" or a certificate number must be shown on the envelope.

In addition, prospective bidders are reminded of the requirements set forth by the Mississippi State Board of Public Contractors that the classification of a contractor, as registered with the Board, must be the same as the nature of the proposed work on which the bid will be submitted.

When two or more persons, firms, partnerships or corporations are submitting a joint proposal, each of the persons, firms, partnerships or corporations may be required to comply with the above prequalification requirements.

S-102.02--Contents of Proposal Forms. The proposal forms will state the location and description of the contemplated construction, will show estimates of the quantities and kinds of work to be performed or materials to be furnished, and will have a schedule of items for which unit bid prices are invited.

The proposal form will state the time in which the work must be completed, the amount of the proposal guaranty, and the date, time and place of the opening of proposals. The form will also include supplemental specifications and/or special provisions and requirements which vary from or are not contained in the Standard Specifications.

All papers bound with, attached to, or designated for addition or substitution in the proposal form are considered a part thereof and must not be detached or altered when the proposal is submitted.

The plans, specifications and other documents designated in the proposal form shall be considered a part of the proposal as if attached to and included in the proposal form.

Plans and specifications for the project identified in the Advertisement will be on file in the office of the Engineer.

Prospective bidders will obtain proposals and plans from the Engineer. Cost and other general information concerning the proposal and plans will be as contained in the Notice to Contractors published by the Owner.

S-102.03--Issuance of Proposal Form. The Owner reserves the right to refuse to furnish a prospective bidder with a proposal form for any of the following reasons:

- (a) Lack of competency and adequate machinery, plant, or other equipment, as revealed by the information obtained as provided in S-102.01 or other determinations made by the Owner.
- (b) Uncompleted work which, in the judgment of the Owner and Engineer, might hinder or prevent the prompt completion of additional work if awarded.
- (c) Failure to pay, or satisfactorily settle, all bills due for labor and materials on former contracts in force at the time of issuance of proposals.
- (d) Unsatisfactory performance on previous contracts.
- (e) Failure to promptly reimburse the Owner for any overpayment that might have occurred.
- (f) Actions in bidding or subcontracting which have the effect of limiting competition and violating the competitive bid process; or if any partner, association member, corporate official or individual owner, respectively, has been convicted or entered a plea of guilty or nolo contendere in any legal jurisdiction of the United States or any of the various states of federal or state crimes that involve the restraint of trade or limiting competition in any manner, or has been debarred from bidding on public contracts by the State of Mississippi or any of its agencies; or by one or more of the other States or any of their agencies; or by a federal agency.

S-102.04--Interpretation of Quantities in Bid Schedule. The quantities appearing in the bid schedule are approximate only and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished and accepted in accordance with the contract. The scheduled quantities of work to be done and materials to be furnished may each be increased, decreased, or omitted as hereinafter provided.

S-102.05--Examination of Plans, Specifications, Special Provisions, Notices to Bidders and Site of Work. It is the intent that the Engineer will prepare full, complete, and accurate plans and specifications giving directions that will enable any competent Contractor to carry them out. The bidder is expected to examine carefully the site of the proposed work, the proposal, plans, specifications, supplemental specifications and/or special provisions, notices to bidders and contract forms before submitting a proposal. The submission of a bid shall be considered prima facie evidence that the bidder has made such an examination and is satisfied as to the conditions to be encountered in performing the work and as to the requirements of the plans, specifications, supplemental specifications, notices to bidders, special provisions, contract, and the Federal, State, and local laws which will in any way affect his execution of the work.

Boring logs and other records of subsurface investigations may be available for inspection by bidders. It is understood that such information was obtained and is intended for design and estimating purposes only. It is made available to bidders so that they will have access to identical subsurface information available to the Owner and is not intended as a substitute for personal investigation, interpretations and judgment of the bidders.

Bidders may inspect records of the Engineer as to investigations made, subject to the conditions hereinbefore set forth.

S-102.06--Preparation of Proposal. The bidder shall submit his proposal on the forms furnished by the Engineer and shall enter in figures a unit price and extension in the appropriate columns for each bid item exclusive of those items for which a fixed contract unit price and the extension are shown. The bidder shall also enter where indicated the subtotal amount for each of the various divisions and the total amount of the proposal which shall also include the extensions of the items with a fixed contract unit price. In case of discrepancy between a unit price and the extension, the unit price will govern; and the extension and the total amount of the proposal will be corrected. All the figures shall be in ink or typed.

When the bid schedule contains a fixed contract unit price (FCP) for an item, this price shall be the contract unit price for the item and no alteration shall be made by the bidder.

When an item in the proposal contains a choice to be made by the bidder, the bidder shall indicate his choice in accordance with the instruction to bidders in Section S-902 - Proposal (reference is made to Alternate Designs, Alternate Items, and Optional Items in S-101.02).

Where the bid schedule lists alternate designs or alternate items, one alternate that is bid shall be designated by drawing a line or lines through other listed alternate(s) as provided, and thereafter no further choice will be permitted.

When the bid schedule lists optional items, the Contractor may, but is not required to, make his selection at the time of bidding or prior to or at the time of execution of the contract. It shall be the Contractor's responsibility to provide notice of selection to the Engineer sufficiently in advance to provide a reasonable time for the exchange of the documentation for selection prior to ordering materials or performing work on any optional item.

Each proposal issued to prospective bidders will contain, in duplicate, blank affidavit forms to be executed, and sworn to, by the bidder, before a person who is authorized by the laws of any State to administer oaths, and returned with the bidder's proposal.

This "Non-Collusion Affidavit" shall be a sworn statement, filed in duplicate, executed by, or on behalf of, the individual, firm or corporation to whom the contract is to be awarded (if the successful bidder), certifying that such individual, firm, or corporation has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract nor have any of its officers, partners, employees, or principal owners; and that such individual, firm or corporation nor any of its directors, officers, partners, principal owners or managerial employees are debarred from bidding on public contracts by the State of Mississippi or any of its agencies; or by one or more of the other States or any of their agencies; or by a federal agency.

Failure on the part of the bidder to execute the affidavit will result in his proposal being declared incomplete and rejected.

S-102.07--Irregular Proposals. Proposals will be considered irregular and may be rejected for any of the following reasons:

- (a) If the proposal is on a form other than that secured from the Engineer, or if the form is altered or any part thereof is detached.
- (b) If there are unauthorized additions, conditional or alternate bids, or irregularities of any kind which may tend to make the proposal incomplete, indefinite, or ambiguous as to its meaning.
- (c) If the bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.

- (d) If the proposal does not contain a unit price for each pay item listed except in the case of alternate or optional pay items.
- (e) If the proposal, Section S-902, does not contain acknowledgment of receipt and addition to the proposal and contract documents of all addenda issued prior to opening of bids.
- (f) Failure to execute required affidavits, certificates, etc., and furnish proposal guaranty.

S-102.08--Proposal Guaranty. Proposals will not be considered unless accompanied by certified check, cashier's check or bid bond, made payable to the Owner, in an amount of not less than five percent of the total amount of the proposal offered, as evidence of good faith and as a guaranty that if awarded the contract, the bidder will execute the contract and give contract bond as required by law and stipulated in S-103.05.

If a bid bond is offered as guaranty, the bond must be on a form approved by the Engineer, made by a Surety, and must be acceptable to the Owner and signed or countersigned by a qualified Mississippi resident agent and the bidder.

S-102.09--Delivery of Proposal. Unless otherwise specified, each proposal must be submitted sealed in a plain envelope with the following listed information plainly written on the outside or face of the envelope:

- (1) Addressee: Owner Name
- (2) Bid of: Name of Person or Firm submitting the bid.
- (3) Permanent address of the Bidder: Post Office Box Number, or Street Address, and the City and State of the Bidder.
- (4) For: Project Name
- (5) Date of Submission of Bid.
- (6) Bidders Certificate of Responsibility Number issued by the Mississippi State Board of Public Contractors.

Proposal forms when issued, by the Engineer, are not transferable and no name or names of interested parties may be added other than those to whom the proposal was issued.

The Engineer will keep a list of the bidders to whom proposals have been issued and bids will be accepted only under the name of the bidders issued proposals.

No proposal will be accepted or considered which has not been received at the Owner's designated location prior to the time specified in the Notice to Contractors.

S-102.10--Withdrawal or Revision of Proposals. A bidder may withdraw or revise a proposal after it has been deposited with the Owner, provided the request for such withdrawal or revision is received by the Owner, by facsimile, in writing or by telegram, before the time set for opening proposals.

S-102.12--Public Opening of Proposals. Proposals will be opened and read publicly at the time and place indicated in the proposal. Bidders, their authorized agents, and other interested parties are invited to be present.

S-102.13--Disqualification of Bidders. Either of the following reasons may be considered as being sufficient for the disqualification of a bidder and the rejection of his proposal or proposals:

- (a) More than one proposal for the same work from an individual, firm, or corporation under the same or different names.
- (b) Evidence of collusion among bidders. Participants in such collusion will receive no recognition as bidders for any future work of the Owner until any such participant shall have been reinstated as a qualified bidder.

S-102.14--Material Guaranty. At the option of the Owner or Engineer, the successful bidder shall be required at any time before or after the award or execution of the contract to furnish a complete statement of the origin, composition, and manufacture of any and all materials to be used in the construction of the work, and shall provide access to all sources of materials for sampling and testing to determine their quality, uniformity, and fitness for the work in accordance with the contract.

SECTION S-104 - SCOPE OF WORK

S-104.01--Intent of Contract. The intent of the contract is to provide for the execution, construction, and completion of every detail of the work described, and to compensate the Contractor for all acceptable work done in accordance with the provisions of the contract. The Contractor shall furnish all labor, materials, equipment, supplies, transportation, supervision, methods, and procedures necessary to complete the work in accordance with the plans, specifications, and terms of the contract.

S-104.02--Alterations of Plans or Character of Work. The Owner and Engineer reserve the right to make, at any time during the progress of the work, increases or decreases in quantities and alterations in the details of construction, including alterations in the grade or alignment of the road or structure or both, as may be found necessary or desirable. Such increases or decreases and alterations shall neither invalidate the contract nor release the Surety, and the Contractor agrees to perform the work as altered, the same as if it had been a part of the original contract.

Except as may be necessary to satisfactorily complete the contract, no alterations of the plans or the nature of the work will involve work beyond the termini of the contemplated construction without contract modifications approved by all parties concerned.

Except as provided herein, all quantities will be paid for at the contract unit price (reference is made to S-109.03).

No claim shall be made by the Contractor for any loss of anticipated profit because of such alterations, or by reason of any variation between the approximate quantities and the quantities of work done.

Unless otherwise provided, Supplemental Agreements will be required under the following conditions:

- (1) When the total amount of any increase or decrease, whether applying to one or more than one item, exceeds in value twenty-five percent (25%) of the total Contract amount as determined by the total sum of the estimated values in the Contract proposal. Those items, the quantities for which cannot be pre-determined with reasonable accuracy, such as rock excavation, extra depth excavation, extra depth concrete and reinforcing steel for same, shall be excluded in determining increases or decreases under this provision.
- (2) When there is lengthening or shortening of the project.
- (3) When the character or nature of the work is materially altered.
- (4) When there is a substitution of one type of material for another type of material. (Contract items found not necessary for the proper completion of the work will be eliminated from the Contract as set out in Subsection S-109.05.)
- (5) When there is a change of quantities of sufficient magnitude to cause an inequity on the Contractor or the Owner.

S-104.02.1--Changes in Character of the Work and Changed Physical Conditions. Should any change ordered, exclusive of changes in contract quantities, alter the characteristics of the original contract; or should subsurface or latent physical conditions be discovered by the Engineer or encountered by the Contractor at the site of the work that differ materially from those originally encountered in and generally recognized as usual in work of the character provided for in the contract; and the changes or conditions are of sufficient magnitude to cause an inequity on the Contractor or on the Owner, the Engineer or the Contractor, as the case may be, shall promptly notify the other in writing of these changes or conditions before work is continued. The Engineer may thereupon provide for an adjustment of the contract unit price or contract time if an engineering study warrants that the changes or conditions do so materially differ and cause inequity.

Before beginning or continuing work which justifies an adjustment of the contract unit price or time under the above provisions, a supplemental agreement acceptable to all parties to the contract shall be executed. In the event an agreement acceptable to all parties cannot be reached, the Engineer may order the work to proceed in accordance with the applicable specifications and as directed, and that part of the work which the Engineer has determined to justify an adjustment of the contract unit price or the establishment of a unit price will be paid for in accordance with S-109.04.

If the altered or added work is of a character as to require more than the normal time to complete the work, an adjustment of the contract time may be made in accordance with the provisions of S-108.06.

A net total increase or decrease of more than 25 percent in the total original contract amount may be considered for adjustment under this subsection, in lieu of the otherwise applicable provisions of S-104.02.

S-104.03--Extra Work. The Contractor shall perform unforeseen work for which there is no price included in the contract or work included in the contract which is materially changed as set out in S-104.02 after execution of the contract, whenever it is deemed necessary or desirable in order to complete fully the work as contemplated. Such work shall be performed in accordance with the applicable specifications and as directed, and payment or adjustment in payment will be made as provided under S-109.04.

S-104.04--Maintenance of Traffic. The responsibility for the construction and maintenance of detour routes and or diversions shall be as indicated herein unless amended by special provisions.

The implementation of traffic control shall be in accordance with the traffic control plan, which includes the plans, specifications, special provisions and the MUTCD.

Unless otherwise indicated all detour routes shall be maintained by the Owner. The Contractor will be required to provide and satisfactorily maintain on site diversions, as determined by the Engineer. Ingress and egress for residents adjacent to the improvement,

U. S. Mail Carrier and school buses on official business shall be provided throughout construction. Where necessary, the Contractor will remove and replace mail boxes.

In case it is necessary or desirable to maintain through traffic on the road during construction it will be set out in the special provisions.

Special maintenance directed by the Engineer, for the benefit of the traveling public, will be paid for on the basis of the contract unit prices or under S-104.03, Extra Work. The Engineer will be the sole judge of work to be classified as Special Maintenance.

S-104.05--Removal and Disposal of Structures and Obstructions. The Contractor shall remove and dispose of all existing structures and obstructions in accordance with the provisions of S-202. In the event separate pay items are not provided, the cost of removal and disposal shall be included in prices bid for items under S-201 and S-203.

The Contractor shall not remove or disturb any buildings, public utilities, or other public or private improvements that are to be removed and replaced or reconstructed by the Owner or by the owners under separate agreement.

It is anticipated that obstructions to be removed by the Owner or the owners will be removed and disposed of in advance of construction operations, but in the event there are improvements or other properties on the project retained by the property owner, the Contractor shall not interfere with this property until notified in writing by the Engineer that the rights of the property owner have expired.

Upon notification by the Engineer that the property owner's rights have expired, the Contractor shall proceed to remove and dispose of structures and obstructions in accordance with this subsection and other applicable provisions of the contract.

Principal existing improvements not reserved to the property owner or to the County and which are to be removed by the Contractor will be indicated on the plans for the Contractor's information only.

All other structures and obstructions or residual portions of existing structures and obstructions not specified to remain are also to be removed by the Contractor.

All removals by the Contractor are to be made in accordance with the provisions of S-201, and, by reference therein, S-202.

S-104.06--Rights in and Use of Materials Found on the Work. It is understood that title to all materials found within the right-of-way or easements remains with the County unless specifically noted on the plans or in the contract documents. However, the Engineer may permit the Contractor to use on the project stone, gravel, and sand or other material found in the excavation that may be determined suitable and useful in fulfillment of the contract requirements. The Contractor will be paid both for the excavation of the materials at the contract unit price for excavation and for the pay item for which the excavation material is acceptably used. He shall replace at his own expense with other acceptable material all of the excavation material needed for use in embankments, backfills, approaches, or otherwise in the work. No charge for the material so used will be made against the Contractor. The Contractor shall not excavate or remove any material from within the highway location which is not within the grading limits established by slope stakes without prior written authorization from the Engineer. The Contractor will not be paid for excavation outside the grading limits without prior authorization.

Unless otherwise provided, material from existing structures required to be removed may be used temporarily by the Contractor. Material designated to be salvaged shall not be cut or otherwise damaged.

When the contract documents indicate that certain materials or other matter are to be removed, or are permitted to be removed from the right-of-way and disposed of at locations provided by the Contractor, the Contractor shall furnish the Engineer with two signed copies of a release from each property owner for the servitude of his lands prior to removal. The Owner will have no ownership or liability whatsoever for the materials or matter upon removal from the right-of-way.

S-104.07--Final Cleaning Up. Without any extra compensation and before acceptance and final payments will be made, the right-of-way, borrow pits and adjacent property, and all other grounds occupied or affected by the Contractor in connection with the work shall be cleaned of all rubbish, temporary buildings and structures, equipment, and excess materials. Salvaged or excess materials expressly reserved by the Engineer for use by the County shall be neatly stockpiled at locations designated on the project. The Contractor shall restore, repair, or settle for in an acceptable manner all property, both public and private, which he may have damaged in the prosecution of the work. The Contractor shall leave all public or private property occupied or affected by him and all parts of the work in a neat and acceptable manner with all waterways unobstructed. This shall include, but not necessarily be limited to, the cleaning out of all pipe and ditches, and the removal from the right-of-way all debris from clearing and grubbing.

Prior to final inspection or release from maintenance, all sod turf areas of the work which have developed an undesirable growth shall be given a final mowing. All undesirable bushes, high grasses, and weeds shall be cut and disposed of as directed.

Where construction involves only base and/or surfacing, the Contractor shall be required to mow between ditch lines in cut sections and down the fill slope for a distance of 10 feet measured horizontally from the edge of the shoulder through fill sections.

S-104.08-Value Engineering Incentive. Value Engineering Incentive applies to any cost reduction recommendation initiated and developed by the Contractor for the purpose of refining the contract documents and plans so as to contribute to design cost effectiveness or significantly improve the quality of the final product. This subsection does not apply unless the recommendation is identified by the Contractor at the time of submission as a Value Engineering Incentive. The Owner and the Engineer shall be the judge of the acceptability of any such recommendation.

Cost reduction recommendations approved by the Owner and Engineer are to be implemented by a supplemental agreement to the contract and must result in savings without impairing any essential functions and characteristics such as safety, service life, reliability, economy of operations, ease of maintenance, aesthetics and necessary standard design features. Proposed changes in the basic design requirements of a bridge or of a pavement system will not normally be given consideration as a Value Engineering Incentive. The mere substitution of one contract bid item for another bid item or substitution of any other item for which the Engineer has previously established a pay item will not be allowed as value engineering nor will a submittal based on the use of material from the right-of-way.

As a minimum, the following information shall be submitted by the Contractor:

- (a) A statement that the recommendation is submitted as a Value Engineering Incentive.
- (b) Description of the recommendation.
- (c) Discuss contract requirements which will require modification and present a recommendation for each change.
- (d) An estimate of cost reductions.
- (e) Prediction of any effects on other costs to the project.
- (f) State when the supplemental agreement must be executed to obtain maximum cost reduction during the remainder of the contract and the reasons therefor.
- (g) A statement as to any effect on the project completion date.

The County will not be liable for any delay in acting upon a recommendation. The decision of the Owner and Engineer as to acceptance of any such recommendation will be final and not subject to S-105.17. The Owner and Engineer may accept the recommendation, in whole or in part, by executing a supplemental agreement which will specifically state that it is executed pursuant to these provisions. Such agreement will incorporate the changes or additions to the plans and specifications which are necessary to permit the recommendation, or accepted part thereof, to be put into effect. If conditional, it will include conditions upon which the Owner and Engineer's approval is based. The agreement will also set forth the estimated net savings attributable to the recommendation and will further provide that the Contractor be paid 50 percent of said savings. The cost to the project in evaluating the recommendation will be considered in determining the estimated net savings. The Contractor's share of the savings shall constitute full compensation for the Value Engineering Incentive.

Approval of the recommendation and performance of the work thereof shall not change the contract completion date unless specifically provided for in the supplemental agreement implementing the work.

This incentive provision applies only to contracts awarded pursuant to competitive bidding.

SECTION S-105 - CONTROL OF WORK

S-105.01--Authority of the Engineer. The Engineer, acting as the duly authorized representative of the Owner and subject to the rules and regulations and approval of the Engineer, shall decide all questions which may arise as to the quality and acceptability of materials furnished and work performed and as to the rate of progress of the work; all questions which may arise as to the interpretation of the plans and specifications; and all questions as to the fulfillment of the contract on the part of the Contractor.

The Engineer has the authority to suspend the work wholly or in part and to withhold payments due to failure of the Contractor to correct conditions unsafe for workmen or the general public; for failure to carry out provisions of the contract; for failure to carry out orders; for periods he may deem necessary due to unsuitable weather conditions; for any conditions considered unsuitable for the prosecution of the work; or for any other condition or reason deemed to be in the public interest.

The Engineer has executive authority to enforce and make effective all decisions and orders relating to the contract, but is not authorized to change the obligations of the Owner to the Contractor or waive any rights of the Owner under the contract.

S-105.02--Plans and Working Drawings. The Engineer will furnish the Contractor two bound copies of the proposal and contract documents and three half-scale copies of the plans without charge. The Contractor shall have one copy of the proposal and contract documents and one half-scale copy of the plans available on the project at all times during work activity on the project.

Plans will show details of all structures, lines, grades, typical cross sections of the roadway, and a summary of items appearing in the proposal.

Any authorized alterations affecting the requirements and information given on the approved plans, or changes made on any plan or drawing upon which the contract was awarded, shall be made only with the Engineer's written approval.

The plans will be supplemented by working drawings necessary to adequately control the work. Working drawings for structures are not included in the plans furnished by the Owner. They shall be furnished by the Contractor and shall consist of detailed plans necessary to adequately control the work. They shall include stress sheets, shop drawings, erection plans, false-work plans, cofferdam plans, bending diagrams for reinforcement, and other supplementary plans and similar data as required. All working drawings shall be submitted to the Engineer for approval, as required, but this approval will not relieve the Contractor of any of his responsibility under the contract.

If required, the original tracings of working plans or drawings shall be furnished the Engineer.

The contract price bid shall include the cost of furnishing all working drawings. If, however, design details of the plans are changed after the Contractor has submitted the required working drawings, the Engineer may order the Contractor to furnish revised or new working drawings, based on changed plan details, as Extra Work.

S-105.03--Conformity with Plans and Specifications. All work performed and all materials furnished shall be in reasonably close conformity with the line, grades, cross-sections, dimensions, material requirements, and other construction requirements shown on the plans or indicated in the specifications.

Contract specification values are target values to be strived for and from which tolerances are allowed. It is the intent of the specifications that the materials and workmanship shall be uniform in character and shall conform as nearly as realistically possible to the prescribed target value or to the middle portion of the tolerance range. The purpose of the tolerance range is to accommodate occasional minor variations from the median zone that are unavoidable for practical reasons. When either a maximum and minimum value or both are specified, the

production and processing of the material and the performance of the work shall be so controlled that the material or work will not be predominately of borderline quality or dimension.

In the event the Engineer finds the materials, or the finished product in which the materials are used, not to be within reasonably close conformity with the plans and specifications but that reasonably acceptable work has been produced, he will then make a determination if the work will be accepted and remain in place. In this event the Engineer will make an appropriate adjustment in the contract price for the work or materials as provided in the specifications. In the event no provision for adjustment in contract price is included in the contract, the Engineer will document the basis of acceptance by contract modification which will provide for an appropriate adjustment in contract price for the work or materials as he deems necessary to conform to his determination. His determination will be based on engineering judgment.

In the event the Engineer finds the materials or the finished product in which the materials are used or the work performed are not in reasonably close conformity with the plans and specifications and have resulted in an inferior or unsatisfactory product, the work or materials shall be removed and replaced or otherwise corrected by and at the expense of the Contractor.

S-105.04--Coordination of Plans, Specifications, Supplemental Specifications, Special Provisions and Notice(s) to Bidders. These specifications, supplemental specifications, plans, special provisions, notices to bidders, and all other supplemental documents are essential parts of the contract, and a requirement occurring in one is as binding as though occurring in all. They are intended to be complementary and to describe and provide for a complete work. In case of discrepancy, calculated dimensions will govern over scaled dimensions; the word "day" appearing anywhere in the contract shall mean work days unless the context is determined to indicate otherwise; and parts of the contract will prevail in the following order:

1. Notices to Bidders
2. Special Provisions
3. Plans
4. Supplemental Specifications
5. Standard Specifications

In case of conflict between a plan quantity and the advertisement and/or proposal, the plan quantity shall prevail.

The Contractor shall not take advantage of any apparent error or omission in the plans or specifications. In the event the Contractor discovers an error or omission, he shall immediately notify the Engineer. The Engineer will then make corrections and interpretations deemed necessary for fulfilling the intent of the plans and specifications. A reference in any contract document to controlling requirements in another portion of the contract documents shall be understood to apply equally to any revision or amendment thereof included in the contract.

S-105.05--Cooperation by Contractor. The Contractor shall keep available on the work at all times during working hours one set of approved plans, standard specifications, and proposal assemblies.

The Contractor shall give the work the attention necessary to expedite its progress, and shall cooperate with the Engineer, his inspectors, and other contractors in every way possible.

The Contractor shall have on the work and available to the work at all times, as his agent, a competent resident superintendent capable of reading and thoroughly understanding the plans and specifications and thoroughly experienced in the type of work being performed. The superintendent shall receive instructions from the Engineer or his authorized representative. Upon issuance of the Notice to Proceed, the Contractor or his duly appointed agent authorized to bind the Contractor shall file with the Owner, with copies to the Engineer, the name of the superintendent who will supervise the work. The Owner shall be immediately notified in writing with copies to those stated, if any changes are made in the Contractor's superintendent or his contact information.

The superintendent shall have full authority to execute orders or directives of the Engineer without delay, and to promptly supply materials, equipment, labor, and incidentals as may be required. Such superintendence shall be furnished irrespective of the amount of work sublet. The superintendent shall advise the Engineer of an intended absence from the work and designate a person to be in charge of the work during such absence.

S-105.06--Cooperation with Utilities. The Engineer will notify all utility companies, all pipe line owners or other known parties affected and endeavor to have a plan and agreement for all necessary adjustments of utilities, pipe lines or other appurtenances which are within or adjacent to the limits of construction before bids are received. Such utility plans or agreements will be made available for inspection by the Contractor if requested. The Owner will also endeavor to have all necessary adjustments made as soon as practicable.

All relocation or adjustment of utility appurtenances within the limits of the proposed construction will be performed by others unless otherwise specified.

All known utilities within the project are shown on the plans. It is understood and agreed that the Contractor has considered in his bid all of the utility appurtenances in their present or relocated positions and that no additional compensation will be allowed for delays, inconvenience, or damage sustained by him due to interference from the said utility appurtenances or the operation of moving them.

S-105.06.1--High Voltage Overhead Lines. The Contractor shall not perform any function or activity upon any land, building, highway or other premises if at any time during the performance of that function or activity the person performing the function or activity could be reasonably expected to move or be placed within 10 feet of any high voltage overhead line or if any equipment or part of any tool or material used by the person could be reasonably expected to move or be placed within 10 feet of any high voltage overhead line during the performance of any function or activity.

The Contractor shall comply with the State of Mississippi law concerning work within the proximity of overhead power lines.

No person shall, individually or through an agent or employee, operate or bring any mechanical equipment or hoisting equipment or any other equipment or part of any tools or material within 10 feet of any high voltage overhead line.

If any person desires to carry on any function, activity, work or operation in closer proximity to any high voltage overhead line than permitted by this chapter, the person responsible for performing the work shall promptly notify the electric utility operating the high voltage overhead line, in writing, on a form to be provided by such electric utility, and shall not perform the work until mutually satisfactory arrangements have been made between such electric utility and the person or business entity responsible for performing the work.

The required 10 foot clearance shall not be provided by movement of the high voltage overhead line through strain impressed, by attachments, or otherwise.

The person responsible for performing the work in the vicinity of the high voltage overhead lines shall at no cost to the Owner, receive a written cost estimate from the utility for providing the necessary safety arrangements.

"High voltage" means a voltage in excess of six hundred (600) volts between conductors or from any conductor to ground.

"Overhead lines" mean all bare or insulated electrical conductors installed above the ground.

"Warning sign" means a weather-resistant sign of not less than 7 inches by 10 inches reading as follows: "DANGER-UNLAWFUL TO OPERATE THIS EQUIPMENT NEARER THAN 10 FEET TO HIGH VOLTAGE OVERHEAD LINES."

Any person who knowingly violates this chapter may be subject to a civil penalty in an amount not to exceed Five Thousand Dollars (\$5,000.00) to be imposed by a court of competent jurisdiction against said person.

The Form entitled, "NOTICE OF WORK TO BE PERFORMED IN PROXIMITY OF HIGH VOLTAGE POWER LINE" is included in the contract documents. The top portion only of the form shall be completed, signed and returned by the Contractor upon execution of the contract. The Engineer will transmit a copy of the signed form to each of the electric utility companies that may be involved with providing protective services.

It is not expected that the Contractor will suffer any cost from the utility company providing necessary safety arrangements when a high voltage overhead line is located on right-of-way. When an electric utility company claims otherwise, the Contractor shall notify the Engineer so the may take appropriate action.

S-105.07--Cooperation Between Contractors. The Owner and the Engineer reserve the right at any time to award contracts for and perform other or additional work on or near the work covered by the contract. Each Contractor will be expected to cooperate with the other Contractor(s) and with the Owner in every reasonable manner.

The Owner and the Engineer will make a determination as to the practicability of prosecuting an existing contract in an area before an additional award is made for work in the same area. Insofar as is practicable, the Owner will give notice of the intent to award subsequent contracts in the same area. Failure to do so, however, shall not prejudice the rights of the Owner to award additional contracts and shall not constitute grounds for claims against the Owner.

When separate contracts are let for work, any part or all of which is within the same limits, each Contractor shall conduct his work so as to cause the least interference with or hindrance of the progress and completion of work being performed by other Contractor(s).

Each Contractor shall arrange his work and shall place and dispose of the materials and equipment being used so as not to interfere with the operations of the other Contractor within limits of the same work. He shall join his work with that of others in an acceptable manner and shall perform it in the sequence called for by the plans and contract documents or as directed.

Each Contractor involved shall assume all liability, financial and otherwise, in connection with his contract and shall protect and save harmless the Owner from all damages or claims that may arise because of inconvenience, delay, or loss experienced by him because of the presence and operations of the other Contractor(s) working within the same contract limits.

S-105.08--Construction Stakes, Lines and Grades. The Engineer will set construction stakes establishing lines, slopes, and profile grade in road work, and all necessary lines and grades to control the work on bridge work, culvert work, protective and accessory structures, and appurtenances as he may deem necessary, and will furnish the Contractor with all necessary information relating to lines, slopes, and grades. The Contractor, however, will be required to check all the controlling dimensions and clearances measured from such stakes and thereafter become responsible for alignment, elevation, and dimensions of all parts of the work and their mutual agreement.

The Contractor shall be held responsible for the preservation of all stakes and marks, and if any of the construction stakes or marks have been carelessly or willfully destroyed or disturbed by the Contractor, the cost of replacing them will be the Contractor's responsibility and costs will be deducted from the current progress estimate if agreed to by the Engineer and the Owner.

S-105.09--Authority and Duties of the Engineer. As the representative of the Owner, the Engineer has immediate charge of the engineering details of the contract. He is responsible for the administration and satisfactory completion of the work in accordance with the contract, and he is delegated authority commensurate with these responsibilities.

S-105.10--Duties of the Inspector. Inspectors employed by the Owner or Engineer will be authorized to inspect all work done and materials furnished. The inspection may extend to all parts of the work and to the preparation, fabrication, or manufacture of the materials to be used. The inspector will not be authorized to alter or waive the provisions of the contract or to issue instructions contrary to the plans and specifications, or to act as foreman for the Contractor.

S-105.11--Inspection of Work. All materials and each part or detail of the work shall be subject to inspection by the Engineer. The Engineer shall be allowed access to all parts of the work and shall be furnished with such information and assistance by the Contractor as is required to make a complete and detailed inspection. The Contractor shall be required to give the Engineer notice before beginning or doing any work or continuing any work after any delay in construction.

If the Engineer requests it at any time before acceptance of the work, the Contractor shall remove or uncover such portions of the finished work as may be directed. After examination, the Contractor shall restore said portions of the work to the standards required by the specifications. Should the work thus exposed or examined prove acceptable, the uncovering, or removing, and the replacing of the covering or making good of the parts removed will be paid for as Extra Work; but should the work so exposed or examined prove unacceptable, the uncovering, or removing, and the replacing of the covering or making good of the parts removed will be at the Contractor's expense.

Work done or materials used without supervision or inspection by the Engineer or his authorized representative may be ordered removed and replaced. This work will be inspected and accepted or rejected in accordance with the preceding paragraph except that the uncovering or removing shall not be paid for as extra work.

S-105.12--Removal of Unacceptable and Unauthorized Work. All work which does not conform to the requirements of the contract will be considered as unacceptable work, unless otherwise determined acceptable under the provisions of S-105.03.

Unacceptable work, whether the result of poor workmanship, defective materials, damage through carelessness, or any other cause, found to exist prior to the final acceptance of the work, shall be removed immediately and replaced in an acceptable manner.

No work shall be done without lines and grades having been given or approved by the Engineer. Work done contrary to the instructions of the Engineer, work done beyond the lines shown on the plans, or as given, except as herein specified, or any extra work done without authority, will be considered as unauthorized and will not be paid for under the provisions of the contract.

Upon failure on the part of the Contractor to comply promptly with an order of the Engineer made under the provisions of this subsection, the Engineer will have authority to cause unacceptable work to be remedied or removed and replaced and unauthorized work to be removed and to deduct the costs from monies due or to become due the Contractor.

S-105.13--Load and Speed Restrictions. The Contractor shall comply with all legal load restrictions in the hauling of materials on public roads beyond the limits of the project. A special permit will not relieve the Contractor of liability for damages which may result from the moving of material or equipment. The Contractor will be responsible for repairs, at his own expense, for damages to public roads off the project which were caused by him through violation of all legal load restrictions.

The operation of equipment within the project limits of such weight or so loaded as to cause damage to structures or the roadway or to any other type of construction will not be permitted. Hauling of materials over the base course or pavement courses under construction shall be limited to the maximum legal loads, both gross and axle loads, allowed on Mississippi highways. No loads will be permitted on a concrete base, or structure before the expiration of the curing period. In no case shall legal load limits be exceeded after processing the surface of the design soil for

placement of subsequent subbase, base, and pavement courses unless permitted in writing. The Contractor shall be responsible for all damages caused by his hauling equipment.

The Contractor shall be responsible for maintenance of safe and reasonable speeds of vehicles assigned to the project. Further, reduced speeds may be ordered in writing by the Engineer when in his opinion lower speeds are essential to the public safety or to the quality of the completed work.

S-105.14--Maintenance During Construction. The Contractor shall maintain all the work during construction and until the work is finally accepted.

Maintenance shall constitute continuous and effective work prosecuted day by day, with adequate equipment and forces to the end that the roadway, or structures are kept in satisfactory condition at all times.

In the event that the Contractor's work is ordered shut down for failure to comply with the provisions of the contract the Contractor shall maintain the roadway and structures, as provided herein, and provide ingress and egress for local residents during the period of suspended work or until the contract has been declared in default.

All cost of maintenance work during construction and before the work is finally accepted shall be included in the unit price bid on the various pay items and the Contractor will not be paid an additional amount for such work.

S-105.15--Failure to Maintain Roadway or Structures. If the Contractor, at any time, fails to comply with the provisions of S-105.14, the Engineer will immediately notify the Contractor of such non-compliance. If the Contractor fails to remedy unsatisfactory maintenance within twenty-four(24) hours after receipt of such notice, the Engineer, subject to the approval of the Owner, may immediately proceed to maintain the project with such forces as he deems necessary.

The entire cost of maintenance, as provided herein, requiring forces, equipment, materials, and incidentals other than those provided by the Contractor will be deducted from monies due or to become due the Contractor under his contract.

S-105.16--Acceptance. When, in the opinion of the Engineer, the Contractor has satisfactorily completed all work prescribed in his contract, he will so notify the Owner requesting that a joint final inspection be made. If on such joint final inspection it is agreed by the Engineer and the Owner's representative that the work has been completed in accordance with the terms of the contract, then the Owner and the Engineer will issue a final acceptance notice to the Contractor officially accepting the work and thereby relieving the Contractor of further construction and maintenance responsibility.

The acceptance of projects financed, in whole or in part, with Federal funds will require the approval of the Director and the Federal Highway Administration, except FHWA acceptance is not required on projects considered exempt by FHWA.

S-105.17--Claims for Adjustments and Disputes. It is in the public interest that the Owner and the Engineer have early or prior knowledge of an existing or impending claim of any nature by the Contractor. The Owner and the Engineer may then consider modifying the details of the work or other actions which might result in mitigation or elimination of the effect of the act or conditions objected to by the Contractor.

The Owner and the Engineer may then institute appropriate procedures, as required, to keep strict account of actual costs and to verify at the time, facts upon which a claim for contract adjustment is made. Therefore, if in any case the Contractor deems that additional compensation is due for work or materials not clearly covered in the contract or not ordered by the Engineer as Extra Work, or if the Contractor deems that adjustment in the contract time should be made because of any of the reasons provided for in the contract as a basis for an extension of time, the

Contractor shall notify the Engineer in writing of an intention to make such claim for additional compensation before beginning the work on which the Contractor bases the claim or for such extension of time as soon as the facts first become known on which the Contractor bases the claim for adjustment. If such written notification is not given by the Contractor in accordance with these specifications, the Contractor hereby agrees that failure to provide written notice has denied the Owner and the Engineer the prerogative of verifying additional time, materials, equipment, labor and making adjustment in the work which might remove or mitigate the conditions for which a claim might be made, and the Contractor further agrees that such failure on the Contractor's part shall be a conclusive waiver of any claim, or part thereof.

Mere oral notice or statement will not be sufficient, nor will an unnecessarily delayed notice or statement after the event.

Any such notice shall be in writing and shall describe any act of omission or commission by the Owner and the Engineer or their agents that allegedly caused or contributed to the condition for which a claim may be made and the nature of the claimed damage. The Contractor shall deliver or mail the notice to the Engineer.

Upon receipt of the notice, the Engineer will acknowledge receipt in writing to the Contractor with a copy of the notice and acknowledgment to the Owner.

The Engineer will evaluate the Contractor's claim and forward his/her recommendations to the Owner.

Even when the Engineer determines that the Contractor's documentation relative to the time, materials, equipment and labor are legitimate, the Engineer and the Owner will continue to monitor the Contractor's charges until the Contractor's services are complete.

Such notice by the Contractor and the fact that the Engineer has kept account of the costs and the Engineer has verified the legitimacy of the Contractor's documentation and other facts as aforesaid shall not in any way be construed as substantiating the validity of a claim.

In presenting a claim, the Contractor shall clearly and specifically state:

- (a) The contract subsection number(s) under which each part of the claim is made.
- (b) The event(s) or condition(s) covered in each such subsection(s) and made the basis for each part of the

A claim for additional compensation shall include supporting auditable cost figures from entries made in the original records entered at the time of the work. The Contractor will be required to provide all records that the Engineer deems necessary for the performance of an audit in accordance with the United States General Accounting Office's Governmental Auditing Standards, the Institute of Internal auditor's Professional Practice Standards, and the American Institute of Certified Public Accountant's Standards.

All claims made shall be sent to the Engineer for review and processing.

If a claim is so vague that the Engineer cannot reasonably and expeditiously determine the specific contractual provisions relied on by the Contractor as the basis of each part of the claim, it will be denied by the Engineer or returned without action.

Any part of a claim based on after-the-fact general statements of costs such as "Normal cost of such work", computed as a percentage of, etc." or other such indefinite statements will be denied or returned to the Contractor without action.

The Engineer may request supplemental data in writing, or return the claim to the Contractor for resubmission in accordance with these specifications.

A claim, as approved by the Owner and the Engineer, will be paid in accordance with the provision of S-104.02 and S-104.03 and adjustments in contract time will be made in accordance with the provision of S-108.06. When a claim is denied or returned without action, the notice will state the reasons therefor.

S-105.18--Automatically Controlled Equipment. Unless otherwise prohibited in other sections of the specifications or other contract documents, automatically controlled equipment that malfunctions may be operated manually or by other approved methods for a period of time approved by the Engineer so as to prevent loss or damage to the work already produced, manufactured, or processed at the time of the breakdown or malfunction. The resulting work must meet the requirements of the contract.

Section S-106-Control of Materials**S-106.10--Source of Supply and Quality Requirements**

S-106.01.1--General. The materials used in the work shall meet all quality requirements of the contract. At the option of the Engineer, materials may be tested at the source of supply to determine conformance with the specifications, in which case the Contractor shall notify the Engineer of his proposed source of material well in advance of the time of proposed delivery to the work in order to expedite the inspection and testing. If it is found after trial that sources of supply for previously approved materials do not produce uniform and satisfactory products, or if the product from any source proves unacceptable at any time, the Contractor shall furnish materials from other approved sources.

S-106.01.2--Warranties, Guaranties, Instruction Sheets and Parts Lists. For manufactured articles, units, components, or materials for use as or incorporated in any mechanical or electrical facility required under the contract, the manufacturer's warranties, guaranties, instruction sheets, and parts lists, normally available to the purchaser, shall be delivered to the Engineer by the Contractor before final acceptance of the work.

S-106.02--Local Materials Sources.

S-106.02.1--Local Materials Sources General. Possible sources of local material may be designated on the plans or described in the Special Provisions. The quality of material in such deposits will be acceptable in general, but the Contractor shall determine for himself the amount of equipment and work required to produce uniform, acceptable material. It shall be understood that it is not feasible to ascertain from samples the specific limits of acceptable material from the entire deposit and variations shall be considered as usual and are to be expected. The Engineer may order procurement of material from any portion of the deposit and may reject other portions of the deposit as unacceptable.

The Contractor shall construct and maintain all necessary haul roads to facilitate hauling of material from any and all pits or sources of material and shall bear all costs of clearing and grubbing, furnishing all material, constructing, maintaining (including sprinkling as required) and all other costs related to haul roads.

All pits and quarry sites shall be subject to the approval of the Engineer prior to opening. Unless otherwise permitted by the Engineer in writing, borrow pits, gravel pits, other pits and quarry sites, exclusive of commercially operated sources determined not to have been opened primarily to provide material for work under the contract, shall be so located as not to be visible from a public highway. In the event any pits or quarries are permitted to be located so that they are visible from a public highway, site grading, roadside development, or other items will be required as necessary to prevent an unsightly appearance of the disturbed area.

The Contractor will be responsible for all permits and licenses required to operate a borrow pit and will comply with requirements of S-107.23.

The Contractor shall so schedule and conduct all clearing and grubbing operations, stripping, opening up of the source, and all mining and hauling operations, and shall so finish and protect the surface of the disturbed area(s) as to prevent, where practicable, or otherwise minimize siltation or pollution of ditches, streams, lakes, reservoirs and adjacent property with sediment, fuels, oils, or other objectionable material occasioned by, or as a result of, his operations. Where site grading, roadside development or other items of work are required in the contract, the performance of such work shall be in the particular manner and sequence related to pit operations as deemed necessary to promote the stability of the surface of the disturbed area of the pit and to promote the maximum possible permanent vegetation establishment at the earliest possible time.

Unless the excavations, pits or quarries are determined to be appropriate to serve as lakes or ponds for recreational or other purposes, the area shall be finished, where practicable, so that the water will not collect or pond therein. Unless otherwise specified or permitted in writing, the areas or surfaces of waste overburden or stripping shall be finished, neatly dressed and terraced or otherwise left in a satisfactory condition to prevent, where practicable, or

minimize siltation and pollution of ditches, streams, lakes, reservoirs and adjacent property.

S-106.02.2--Contractor Furnished Sources. The Contractor shall provide sources of materials meeting the requirements of the contract and shall bear all costs involved, including pit explorations, necessary permits, licenses and environmental and other clearances before opening a source of materials. Testing of all materials shall be done by the contractor. Any defects disclosed by the tests shall be rectified without additional cost to the Owner.

S-106.03--Samples, Tests, and Cited Specifications. All materials used in the work shall conform to the general requirements of S-700, Materials and Tests, and, in addition, shall conform to the specific requirements of the various Subsections of S-700 cited for the various items of work. Cited Specifications of AASHTO, ASTM or Federal Specifications for materials or test methods shall be understood to mean approved pre-published or published "Standards" of ASTM, AASHTO, Federal Specifications, Interim Specifications of AASHTO (denoted by the suffix "I"), Tentative Specifications of ASTM (denoted by the suffix "T"); or Federal Specifications (denoted by a numbered amendment) current on the date of advertisement for bids. All materials will be inspected and tested for acceptance in accordance with S-700.03 unless otherwise provided. The work shall be considered incomplete until acceptance of all materials used in the work. Any work performed prior to approval of materials will be the sole responsibility of the Contractor.

It is understood that the Owner reserves the right to retest all materials even though they have been tested and approved before incorporation in the project and to reject all materials which, when retested, do not meet the requirements of the contract.

Prior inspection, test, and approval of material used as a component of other items of work for which there is a pay item in the contract shall in no way imply acceptance and payment or reimbursement to the Contractor for such previously approved material if the work in which the materials are incorporated fails to meet the requirements of the contract.

Copies of all test reports will be furnished to the Engineer's representative at his request.

S-106.04--Certification of Compliance. The Engineer may permit use, prior to sampling and testing, certain materials or assemblies accompanied by acceptable certificates of compliance stating that such materials or assemblies fully comply with the requirements of the contract. Each lot of such materials or assemblies delivered to the work must be accompanied by an approved certificate of compliance in which the lot is clearly identified.

Certificates of compliance shall meet the following requirements.

I. Certifications:

- (a) Show the letterhead of the manufacturer, producer, supplier, or fabricator, as applicable.
- (b) Include the project number.
- (c) Contain an itemized list of materials covered by the certification.
- (d) Contain a material conformance statement.-- This statement should certify that the materials listed conform to the specific specification requirements.
- (e) Bear the signature of a responsible company official.
- (f) Certification for all iron, steel and steel wire products must also include a certified statement by the manufacturer that all of the manufacturing processes, excluding those for pig iron and processed, pelletized, and reduced iron ore used in the manufacture of said steel and/or iron products, have occurred domestically.

II. Certified Test Reports:

- (a) Show the letterhead of the manufacturer, producer, supplier, fabricator, or laboratory, as applicable.
- (b) Include the name and description of material tested, number, heat number, etc., as applicable.
- (c) Show the test results obtained for each test required, and state that the material was run according to the test method specified in the contract.
- (d) Be signed by a supervisor of the laboratory performing the tests.
- (e) Test reports for all iron, steel and steel wire products must also include a certified statement by the manufacturer that all of the manufacturing processes, excluding those for pig iron and processed, pelletized, and reduced iron ore used in the manufacture of said steel and/or iron products, have occurred domestically.

Certifications or Certified Test Reports will not be accepted unless they comply with the foregoing. Conformance requirements for the certification of asphalt and cement are set out separately in Mississippi Department of Transportation S.O.P. TMD-22-0100-000 and Mississippi Department of Transportation S.O.P. TMD-21-0100-000, respectively.

Materials and assemblies used on the basis of Certificates of Compliance may be sampled and tested at any time and if found not to be in conformity with contract requirements will be subject to rejection whether in place or not.

Unless otherwise requested, the original and three copies of all Certificates of Compliance shall be furnished to the Engineer. Payment for the work will not be made until proper certification has been received unless specifically provided for elsewhere in the contract.

S-106.05--Plant Inspection. The Contractor shall provide access at any facility used in the production of materials, for personnel to inspect and test materials supplied for the project.

In the event such plant inspection is undertaken the following conditions shall be met:

- (a) The Engineer shall have the cooperation and assistance of the Contractor and the producer with whom he has contracted for materials.
- (b) The Engineer shall have full entry at all times to parts of the plant as may concern the manufacture or production of the materials being furnished.
- (c) The Engineer reserves the right to retest all materials which have been tested and accepted at the source of supply after the materials have been delivered and to reject all materials which do not meet the requirements of these specifications.

S-106.06--Field Laboratory. "Blank".

S-106.07--Foreign Materials. Foreign materials are defined as being any material or manufactured product whose manufacturing process takes place outside the United States.

S-106.08--Storage of Materials. Materials shall be so stored as to assure the preservation of their quality and fitness for the work. Stored materials, even though approved before storage, may again be inspected or tested prior to their use in the work. Stored materials shall be located so as to facilitate their prompt inspection. Approved portions of the right-of-way and/or subject property may be used for storage purposes and for the placing of the Contractor's equipment, but any additional space required therefor must be provided by the Contractor at his

expense.

Private property shall not be used for storage purposes without written permission of the owner or lessee, and duplicate copies of such written permission shall be furnished the Engineer. All storage sites shall be restored to their original conditions by the Contractor at his expense.

S-106.09--Handling Materials. All materials shall be handled in such manner as to preserve their quality and fitness for the work. Materials shall be transported from the storage or other site to the work in tight vehicles so constructed as to prevent loss or segregation of materials after loading and measuring in order that there may be no inconsistencies in the quantities of materials intended for incorporation in the work as loaded, and the quantities as actually received at the place of use.

S-106.10--Unacceptable Materials. All materials not conforming to the requirements of the specifications at the time they are used shall be considered as unacceptable and all such materials will be rejected and shall be removed immediately from the site of the work unless otherwise instructed by the Engineer. No rejected material, the defects of which have been corrected, shall be used until approval has been given in writing by the Engineer.

S-107 – Legal Relations and Responsibility to Public

S-107.01--Laws to Be Observed. The Contractor shall keep fully informed of all Federal and State laws, all local laws, ordinances, and regulations and all orders and decrees of bodies or tribunals having any jurisdiction or authority, which in any manner affect those engaged or employed on the work, or which in any way affect the conduct of the work. He shall at all times observe and comply with all such laws, ordinances, regulations, orders, and decrees, and shall protect and indemnify the Owner and Engineer and its representatives against all claims or liability arising from or based on the violation of such laws, ordinances, regulations, orders, or decrees, whether by himself or his employees, subcontractors or their employees, or agents of either.

Open burning of combustible materials shall be in accordance with current rules and regulations of the Mississippi Department of Environmental Quality, Office of Pollution Control. The basic requirements contained herein for open burning to dispose of vegetation from clearing of right-of-way or construction site were published by the Mississippi Department of Environmental Quality in Regulation APC-S-1.

Open burning of land-clearing debris must not use starter or auxiliary fuels which cause excessive smoke (rubber tires, plastics, etc.); must not be performed if prohibited by local ordinances; must not cause a traffic hazard; must not take place where there is a High Fire Danger Alert declared by the Mississippi Forestry Commission or Emergency Air Pollution Episode Alert imposed by the Executive Director and must meet the following buffer zones.

- (1) Open burning without a forced-draft air system must not occur within 500 yards of an occupied dwelling.
- (2) Open burning utilizing a forced-draft air system on all fires to improve the combustion rate and reduce smoke may be done within 500 yards of but not within 50 yards of an occupied dwelling.
- (3) Burning must not occur within 500 yards of commercial airport property, private air fields, or marked off-runway aircraft approach corridors unless written approval to conduct burning is secured from the proper airport authority, owner or operator.

S-107.02--Permits, Licenses, and Taxes. Except as provided in S-107.09, and S-107.22, the Contractor shall procure all permits and licenses, pay all charges, fees, and taxes, and give all notices necessary and incidental to the due and lawful prosecution of the work.

S-107.03--Patented Devices, Materials, and Processes. If the Contractor employs any design, device, material, or process covered by letters of patent or copyright, he shall provide for such use by suitable legal agreement with the patentee or owner. The Contractor shall not involve the Owner or Engineer in the payment for royalties, either directly or indirectly, in violation of applicable State Laws to the contrary. Attention is invited to Section 65-1-61, Mississippi Code 1972, Annotated, regarding use of patented materials for paving. The Contractor and the Surety shall indemnify and save harmless the Owner, any affected third party, or political subdivision from any and all claims for infringement by reason of the use of any such patented design, device, material or process, or any trademark or copyright, and shall indemnify the Owner and Engineer for any costs, expenses, and damages which it may be obligated to pay by reason of any infringement, at any time during the prosecution or after the completion of the work.

S-107.04—Blank.

S-107.05—Blank.

S-107.06--Sanitary, Health and Safety Provisions. The Contractor shall provide adequate sanitation facilities for the use of his employees, and shall maintain these facilities in a sanitary condition. The location of such accommodations shall be subject to the prior approval of the Engineer. He shall also provide adequate dust control on the project, or haul roads, and at other areas of operation.

Such accommodations shall be designed and operated to conform to the local and State health regulations. The Contractor shall not require any worker to work in surroundings or under conditions contrary to local, State, and Federal health and safety regulations. All such requirements and regulations shall be considered as binding upon the Contractor as if actually included in these specifications.

This shall be considered necessary work auxiliary to the accomplishment of the contract and no direct payment will be made therefor.

S-107.07--Public Convenience and Safety. The Contractor shall at all times so conduct his work as to assure the least possible obstruction to traffic.

The Contractor shall use all reasonable care and precaution to avoid accidents, damage, or unnecessary delay or interference with traffic, and, if necessary, in conjunction with this work the Contractor shall provide, without additional compensation, competent flaggers to insure the maximum public safety.

S-107.08--Blank.

S-107.09--Blank.

S-107.10--Barricades, Warning Signs and Flaggers. The Contractor shall provide, erect, and maintain all necessary barricades, suitable and sufficient lights, danger signals, signs, and other traffic control devices; shall provide qualified flaggers where necessary to direct the traffic; and shall take all necessary precautions for the protection of the work and the safety of the public. Roads or parts of the work closed to through traffic shall be protected by effective barricades. Obstructions shall be illuminated during hours of darkness. Suitable warning signs shall be provided to properly control and direct traffic.

The Contractor shall erect warning signs in advance of all places on the project where operations may interfere with traffic, and at all intermediate points where the new work crosses or coincides with existing traveled roads. Such warning signs shall be constructed and erected in accordance with the provisions of the contract.

All barricades, warning signs, lights, temporary signals, other protective devices, flaggers and signaling devices shall conform with the minimum requirements contained in the MUTCD current at the time bids are received.

All traffic control devices on an existing highway, road or street are to be understood to be public property under the provisions of S-107.12.

On all sections of a project which are coincident with an existing highway, road, or street and are open to traffic, the Contractor shall be fully responsible for the protection, maintenance, and replacement of all existing signs, route markers, traffic control signals, and other traffic service features existing on the work from the beginning of contract time or beginning of work, whichever occurs earlier, until final acceptance of the work.

The Contractor shall restore or replace in kind, under the provisions of S-107.12, all devices damaged, destroyed, or lost.

S-107.11--Use of Explosives. Use of explosives is not permitted.

S-107.12--Protection and Restoration of Property and Landscape. The Contractor shall be responsible for the preservation of public and private property and shall protect from disturbance or damage all land monuments, historical markers and property marks until the Engineer has witnessed or otherwise referenced their location, and shall not move them until directed.

The Contractor shall be responsible for all damage or injury to public or private property of any character, resulting from any act, omission, neglect, misconduct, inefficiency in his manner, or method of executing the work, or the non-execution thereof, or due to defective work or materials.

The Contractor shall take sufficient precaution to prevent pollution of streams, lakes, and reservoirs with any harmful materials including but not limited to fuels, oils, bitumens, calcium chloride, and poisons. He shall schedule and conduct his grading operations, production of materials from material pits or quarry sites (exclusive of commercially operated sources) construction of haul roads, hauling operations, and other operations so as to prevent or minimize the pollution of adjacent property, ditches, streams, lakes, and reservoirs with mineral or organic sediment. Unwarranted pollution of any nature will be considered to be injury or damage within the intent of this subsection, and such injury or damage shall be subject to the restoration requirements and provisions herein set forth.

When, or where, any damage or injury is done to public or private property by, or on account of any act, omission, neglect, or misconduct in the execution or nonexecution of the work by the Contractor, he shall restore, at his own expense, the property to a condition equal to that existing before the damage or injury was done, or he shall make good such damage or injury in an acceptable manner.

In case of failure on the part of the Contractor to restore or make good such damage or injury, the Engineer may, upon forty-eight hours written notice, proceed to repair, rebuild, or otherwise restore such property as may be deemed necessary, and the cost thereof shall be deducted from monies due or which may become due the Contractor. In the event no such monies are available the amount shall be charged against the Contractor's Surety. Nothing within this subsection shall be construed to relieve the Contractor from his responsibilities under the requirements of S-107.01.

S-107.13—Forest Protection.

The Contractor shall take all reasonable precaution to prevent and suppress forest fires and shall require his employees and subcontractors, both independently and at the request of forest officials, to do all reasonably within their power to prevent and suppress and to assist in preventing and suppressing forest fires. He shall make every possible effort to notify a forest supervisor or other appropriate official at the earliest possible moment of the location and extent of any fire seen by them.

S-107.14--Responsibility for Damage Claims. The Contractor shall indemnify and save harmless the Owner and Engineer, its officers, and employees from all suits, actions, or claims of any character brought because of any injuries or damage received or sustained by any person, persons, or property resulting from his operations; or on account of or in consequence of any neglect in safeguarding the work; or because of any claims or amounts recovered from any infringements of patent, trademark, or copyright; or from any claims or amounts arising or recovered under the "Workmen's Compensation Act," or any other law, ordinance, order, or decree; and so much of the money due the Contractor under and by virtue of his contract as may be considered necessary by the Owner and Engineer for such purpose, may be retained for the use of the Owner; or, in case no money is due, his Surety may be held until such suit or suits, action or actions, claim or claims for injuries or damages as aforesaid shall have been settled and suitable evidence to that effect furnished to the Owner and Engineer; except that money due the Contractor will not be withheld when the Contractor produces satisfactory evidence that he is adequately protected by public liability and property damage insurance.

S-107.15--Third Party Beneficiary Clause. It is not intended by any of the provisions of any part of the contract to create the public or any member thereof as a third party beneficiary hereunder, or to authorize any one not a party to this contract to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this contract. The duties, obligations, and responsibilities of the parties to this contract with respect to third parties, shall remain as imposed by law.

S-107.16--Blank.

S-107.17--Contractor's Responsibility for Work. Until final written acceptance of the project by the Owner and Engineer, the Contractor shall have the charge and care thereof and shall take every precaution against injury or damage to any part thereof by action of the elements or from any other cause, whether arising from the execution or the non-execution of the work. The Contractor shall rebuild, restore, and make good, in accordance with the requirements of the contract, all injuries or damages to any portion of the work occasioned by any of the above causes before final acceptance and shall bear the expense thereof, except as provided in S-203.11 and as provided herein.

In case of suspension of work from any cause whatsoever, the Contractor shall be responsible for the project and shall take the precautions necessary to prevent damage to the project, provide for normal drainage, erect necessary temporary structures, signs, or other facilities; shall maintain the work in such a manner as to fully carry out his responsibility for maintaining traffic as required under the contract; shall properly and continuously maintain in an acceptable growing condition all living material in newly established plantings, seedings, and soddings furnished under the contract, and shall take adequate precautions to protect new trees and other vegetative growth against injury. Except when the suspension is ordered by the Engineer for the sole benefit of the Owner, all such protection and maintenance shall be performed by the Contractor without additional cost to the Owner.

S-107.18--Contractor's Responsibility for Utility Property and Services. At points where the Contractor's operations are adjacent to or coincide with properties of railway, telegraph, telephone, and power companies, or are adjacent to or coincide with other property, damage to which might result in considerable expense, loss, or inconvenience, work shall not be commenced until all arrangements necessary for the protection thereof have been made.

The Contractor shall cooperate with the owners of all underground and overhead utility lines in their removal and rearrangement operations in order that these operations may progress in a reasonable manner and that duplication of rearrangement work may be reduced to a minimum, and that services rendered by those parties will not be unnecessarily interrupted.

In the event of interruption to utility services as a result of accidental breakage or as a result of being exposed or unsupported, the Contractor shall promptly notify the proper authorities and shall cooperate with them in the restoration of service. If water service is interrupted, repair work shall be continuous until the service is restored. No work shall be undertaken around fire hydrants until provisions for continued service have been approved by the local fire authority.

The Contractor is advised of Section 45-15-1, et seq., Mississippi Code of 1972, Annotated, regarding the performance of work in the proximity of high voltage overhead power lines. It is the Contractor's responsibility to comply with those statutory requirements.

S-107.19--Blank.

S-107.20--Personal Liability of Public Officials. In carrying out any of the provisions of the contract, or in exercising the power or authority granted to them by or within the scope of the contract, there shall be no liability upon the Owner, Engineer, or their authorized representatives, personally, it being understood that, in all

such matters, they act solely as agents and representatives of the Owner and Engineering firm.

S-107.21--No Waiver of Legal Rights. The Owner and the Engineer shall not be precluded or estopped by any measurement, estimate, or certificate made either before or after the completion and acceptance of the work and payment therefor, from showing the true amount and character of the work performed and materials furnished by the Contractor, nor from showing that any such measurement, estimate or certificate is untrue or is incorrectly made, nor that the work or materials do not in fact conform to the contract. The Owner and Engineer shall not be precluded or estopped, notwithstanding any such measurement, estimate, or certificate and payment in accordance therewith, from recovering from the Contractor or his Sureties, or both, within the provisions of the laws of the State of Mississippi, such damage as they may sustain by reason of the Contractor's failure to comply with the terms of the contract. Neither the acceptance by the Owner and Engineer, or any of their representatives, nor any payment for or acceptance of the whole or any part of the work, nor any extension of time, nor any possession taken by the Owner, shall operate as a waiver of any portion of the contract or of any power herein reserved, or of any right to damages. A waiver of any breach of the contract shall not be held to be a waiver of any other subsequent breach.

The Owner and Engineer reserve the right to correct any error in any estimate that may have been paid on work that has been performed, and to adjust the same to meet the requirements of the contract and specifications. Upon conclusive proof of error or collusion or dishonesty, between the Contractor or his agents and the Engineer or his assistants being discovered after final payment has been made, the Owner and Engineer reserve the right to claim and recover by process of law, sums as may be sufficient to correct the error or make good the defects in the work resulting from such errors, dishonesty, or collusion.

S-107.22--Environmental Protection. Occupancy by the Contractor or subcontractor of any lands, whether on or off the project right-of-way and/or subject property, for the performance of any work under the contract, or preparation therefor, shall be contingent upon provisions being made and carried out to prevent or minimize air pollution or water pollution and for the proper disposal of all toxic, hazardous, or other waste material. Each operation carried on by the Contractor shall include, as a part of that operation, the best management practices and effective use of temporary measures necessary to maintain ground surface conditions so as to prevent or minimize soil erosion, sedimentation, and water pollution which may degrade receiving waters including rivers, streams, lakes, reservoirs, tidal waters, groundwater and wetlands. The primary objective shall be to establish and maintain all permanent erosion control features as soon as possible.

S-107.22.1--Section 404 Permits. Work in waters of the United States or their adjacent wetlands requires a Clean Water Act (CWA) Section 404 Permit from the U.S. Army Corps of Engineers. Section 404 Nationwide Permits are available for activities with minimal adverse effects on the aquatic environment, including wetlands and streams. If an individual Section 404 permit or notification is required, it will be provided by the Owner. These permits will be included in the contract when deemed necessary or made available for inspection in the office of the Engineer and the Owner. The Contractor will be required to adhere to any stipulations, agreements, mitigation plans and associated best management practices required by the permit. If the Contractor proposes the use of construction methods that may result in changes to project impacts, then the Contractor will be responsible for coordinating the review and approval process, as may be required.

S-107.22.2--National Pollutant Discharge Elimination System (NPDES) Permits. The Mississippi Department of Environmental Quality (DEQ) is the NPDES permit authority for Mississippi. Construction that disturbs 1 acre or more, or less than 1 acre if part of a larger common plan of development or sale, requires permit coverage. The current Large Construction General Permit (disturbs 5 or more acres) or the Small Construction Notice of Intent (disturbs 1 to 5 acres) issued by DEQ are hereby included by reference. They are available online at the DEQ web page and are revised and reissued every 5 years by DEQ. The Owner will obtain permit coverage for each project as required.

The Contractor will be required to implement and adhere to the conditions included in the general permit and the

project's Storm Water Pollution Prevention Plan (SWPPP) under the direction of the Engineer. It is the intent of the contract that construction storm water management be an integral part of all operations. Best management practices (BMP) for erosion and sediment control including silt fences, erosion control bales, check dams, berms, water bars, silt traps, silt basins, pipe slope drains, paved flumes, construction exits, temporary seeding, sodding, mulching, soil reinforcing mat, brush barriers, and other structural or non-structural practices shall be installed as shown on the plans and described in the project SWPPP. General locations for the control measures will be shown on the plans. Failure to implement or maintain the SWPPP or comply with permit requirements may result in suspension of work or withholding of estimates by the Engineer.

S-107.22.4--Storm Water Pollution Prevention Plan. The SWPPP for each construction project that disturbs 1 or more acres and the Certificate of Permit Coverage for each project that disturbs 5 or more acres will be included as a supplement in the contract documents.

S-107.22.5--Contractor's Pollution Prevention Plan. Before starting any work on the project, the Engineer may require the Contractor to submit for approval, schedules for installation, maintenance, and removal of temporary measures and establishment of permanent measures as required by the SWPPP and indicated on the plans, including a plan for the disposal of waste materials generated on the project site.

The Contractor may also be required to provide the Engineer a written plan of pollution control measures to be installed during Contractor operations in areas that are not addressed in the SWPPP or the plans to support the Contractor's operations, such as material processing plants or handling areas, haul roads, field offices, equipment and supply areas, and material sources. After review of this plan, the Engineer may require the Contractor obtain separate construction storm water permit coverage from DEQ. Pollution control measures outside the property (if necessary) shall be performed at the Contractor's expense.

The Contractor shall effectively prevent and control erosion and sedimentation on the site at the earliest practicable time as outlined in the approved schedule. Control measures, where applicable, will be implemented prior to the commencement of each construction operation or immediately after the area has been disturbed. The Contractor shall limit the amount of disturbed earth to that which can be effectively controlled. If, in the opinion of the Engineer, the Contractor is not able to effectively control soil erosion and sedimentation resulting from construction operations, the Engineer will limit the amount of disturbed area to that which the Contractor is able to control. Under no conditions shall the surface area of erodible earth exposed at one time by clearing and grubbing exceed 750,000 square feet without approval by the Engineer. After significant rainfall events, the Contractor will remove silt accumulations as soon as possible and deposit the material as approved by the Engineer.

Should the control measures fail to function effectively, the Contractor shall, without delay, act to bring the erosion and sedimentation under control by maintaining existing controls or by providing additional controls as directed by the Engineer. When in the opinion of the Engineer the site is adequately stabilized, temporary control measures will be removed and properly disposed of by the Contractor and the area restored or prepared for subsequent work.

S-107.22.6--Clearing and Grubbing, Haul Roads on or off the Right-of-way, Waste Areas, Plant Sites, or Other Areas Occupied by the Contractor in Connection with the Work. Clearing and grubbing on erodible areas, construction and maintenance of haul roads, plant sites, or other areas occupied by the Contractor in connection with the work shall include adequate protection by means selected by the Contractor and approved by the Engineer for preventing excessive erodible material from entering water or waterways off lands occupied by the Contractor and for preventing dust created by hauling equipment. Provisions for burning and dust and smoke control at plants are found elsewhere in these specifications.

Temporary erosion control measures as necessary shall be employed by the Contractor from the beginning of the work by the expeditious use of brush, vegetation or other residue from clearing and grubbing, temporary or permanent terraces, berms, dikes, dams, sediment basins, or other effective means of containing sediment. All temporary or permanent erosion control features shall be maintained in an effective manner so long as their use is essential to the

abatement of siltation.

After temporary features are deemed to no longer be useful, such features shall be removed and the area restored or prepared for subsequent work.

All temporary protection from siltation and pollution resulting from clearing and grubbing, construction of haul roads, and other areas indicated herein shall be the responsibility of the Contractor, and measurement for direct payment for construction, maintenance, removal, and satisfactory disposal will not be made unless indicated on the plans or authorized by the Engineer. Under no conditions shall the surface area of erodible earth exposed at one time by clearing and grubbing exceed 750,000 square feet without approval by the Engineer.

S-107.22.7--Pit Operations. The Contractor shall schedule, arrange, and conduct clearing and grubbing operations, stripping, opening up of the source, and all mining and hauling operations, and shall finish and protect the surface of disturbed areas so as to prevent siltation or pollution of ditches, streams, lakes, reservoirs and adjacent property with sediment, fuels, oils, or other objectionable material resulting from his operations.

Unless otherwise specified, or permitted in writing, upon completion of operations, excavations, pits, or quarries shall be finished so that water will not collect or pond therein. Areas or surfaces of waste overburden or stripping shall be finished, neatly dressed and terraced or otherwise left in a satisfactory condition to prevent siltation and pollution of ditches, streams, lakes, reservoirs and adjacent property.

S-107.22.8--Structures, Grading, and Other Construction. The Contractor shall perform all work required under the contract in such manner and with such protective features as will contain undesirable siltation under control within the limits of the work. Performance in the designated or directed sequence and the providing of all erosion protection for which pay items are not included in the contract shall be considered as included in prices bid for the various pay items of the contract.

The Contractor shall employ all temporary or permanent measures necessary to prevent or minimize undesirable siltation in connection with the excavation for and the construction and backfill of structures. Such temporary measures as are indicated herein for clearing and grubbing, or other measures such as covering of excavated materials, lining channels, construction bulkheads, or other effective measures shall be employed.

The Engineer will limit the areas of excavation, borrow, and embankment operations in progress commensurate with the Contractor's capability and progress in keeping the finish grading, mulching, seeding, and other such permanent erosion control measures current. Should seasonal limitations make such coordination unrealistic, temporary erosion control measures shall be taken immediately to the extent feasible and justified. Under no conditions shall the surface area of erodible material exposed at one time by excavation, borrow, or fill within the right-of-way and/or property exceed 750,000 square feet without prior approval by the Engineer.

S-107.22.9--All Operations. It shall be fully understood that nothing in this subsection shall be construed in any manner to relieve the Contractor from any of his responsibilities for the establishment of permanent erosion control and other permanent work specified for erosion control in the sequence and manner included in other provisions and requirements of the contract.

S-107.23--Material Pits.

I. Bidders are reminded of the Mississippi Surface Mining and Reclamation Act and the Rules and Regulations adopted to implement this act. Questions or problems concerning the Act or the Rules and Regulations should be directed to the Department of Environmental Quality, Office of Geology, Department of Mining & Reclamation, P.O. Box 20307, Jackson, MS 39289-1307. Telephone Number: 601\961-5500

S-107.24--Construction Noise Abatement. The Contractor shall comply with all state and local sound control and

noise level rules, regulations and ordinances which apply to any work performed pursuant to the contract.

Each internal combustion engine, used for any purpose on the work or related to the work, shall be equipped with a muffler of a type recommended by the manufacturer. No internal combustion engine shall be operated on the project without such muffler.

S-107.25--Hazardous and/or Toxic Waste Procedures. No matter how extensive a field investigation, the possibility exists that hazardous and/or toxic wastes on a site will go undetected until excavation is initiated. If underground storage tanks (USTs), buried containers, hazardous and/or toxic substances are uncovered - or even suspected - during construction, work in this area shall be immediately discontinued and measures taken to protect susceptible nearby wetlands or ground-water sources.

It is essential that the suspected hazardous substances be left in place until they have been identified. The Contractor shall make every effort to prevent his personnel, Owner and Engineer personnel and the general public from becoming exposed to substances that may be hazardous or toxic. Once contaminated soil or debris has been removed from the ground and leaves the site, it is considered a hazardous waste (if the concentration exceeds regulatory levels). In such cases, the Contractor becomes a hazardous waste generator, and the Owner becomes subject to the provisions of the Resource Conservation and Recovery Act (RCRA).

Disposition of all underground storage tanks (USTs), containers, hazardous and/or toxic waste shall be in accordance with current rules and regulations of the Department of Environmental Quality, Office of Pollution Control.

The Contractor shall report to the Engineer and the Office of Pollution Control any evidence or conditions which may cause suspicion that a waste site of hazardous or toxic materials and/or containers or USTs has been located within right-of-way and/or property limits of the construction project. Work shall cease immediately at such suspected site and shall not resume until directed by the Engineer.

The Owner reserves the right to use other forces for exploratory work to identify and determine the extent of hazardous and/or toxic waste. Should the disposition of such material require special procedures by certified personnel, the Owner will make arrangements with qualified persons to dispose of the material.

SECTION S-109 - MEASUREMENT AND PAYMENTS

S-109.01--Measurement of Quantities. The measurement and determination of quantities of each pay item will be made in general as prescribed hereinafter, and specifically as set out under Method of Measurement and Basis of Payment in the specifications for each pay item. Actual authorized quantities of work completed under the contract will be measured by the Engineer according to United States standard measures, and in accordance with well recognized engineering practices. Unauthorized wastage of material will be deducted, and only quantities actually incorporated in the completed work or ordered to be wasted will be included in the final estimate.

A station when used as a definition, term or measurement will be one hundred (100) linear feet.

Unless otherwise specified, longitudinal measurements for area computations will be made horizontally, and no deductions will be made for individual fixtures having an area of nine square feet or less. Unless otherwise specified, transverse measurements for area computations will be the neat dimensions shown on the plans or ordered by the Engineer.

Where the area unit for measurement and payment is specified for erosion control items, the measurements will be taken on the slope of the ground to compute the actual surface area for payment.

Structures will be measured according to neat lines shown on the plans or as altered to fit field conditions.

All items which are measured by the linear foot, such as pipe culverts, guardrail, underdrains, etc., will be measured as specified under the Method of Measurement for the item unless otherwise shown on the plans.

No payment will be made for unauthorized excavation. Excavation or embankment performed beyond the required neat lines, or slope stakes, will not be measured for payment except as elsewhere provided herein or when within tolerances specified.

In computing volumes of excavation and embankment, the average end area method will be used, unless otherwise specified.

The term gage, when used in connection with the measurement of plates, will mean the U.S. Standard Gage, except that when reference is made to the measurements of galvanized sheets used in the manufacture of corrugated metal pipe, metal plate pipe culverts and arches, and metal cribbing, the term gage will mean that specified in the AASHTO Designation: M 36 or M 167.

When the term gage refers to the measurement of wire, it will mean the gage specified in the AASHTO Designation: M 32.

The term ton will mean the short ton consisting of 2000 pounds avoirdupois. All materials which are specified for measurement by the ton shall be weighed by competent personnel on accurate, approved scales set at locations approved by the Engineer. If material is shipped by rail, the car weight may be accepted provided the actual weight of material only will be paid for, and not minimum car weight used for assessing freight tariff. However, car weights will not be acceptable for material to be passed through mixing plants. Trucks used to haul material being paid for by weight shall be weighed empty daily at such time as the Engineer directs, and each truck shall bear a plainly legible identification mark.

Timber will be measured by the thousand feet board measure (MBM) actually incorporated in the structure. Measurement will be based on nominal widths and thicknesses and the extreme length of each piece.

When a complete structure or structural unit (in effect, "lump sum" work) is specified as the unit of measurement, the unit will be construed to include all necessary fittings and accessories.

Volumes of materials computed in cubic yards by the average end area method are designated as "Final Measure" (FM), "Final Measure Embankment" (FME) or "Plan Measure" (PM). Volumes of materials designated for measurement loose in the vehicle are designated as "Loose Vehicle Measure" (LVM).

Volumetric measurement of excavation, embankment, granular materials, or similar materials in cubic yards will be made by the methods (see below) designated on the plans or in the proposal. For justifiable reasons, such as impracticability of measurement of volumes (usually small) by the designated method, the Engineer may order measurement by another method as follows:

- (1) Volumes designated for payment by FM may be measured LVM, and converted to contract measurement by multiplying the loose measure by eighty percent.
- (2) Volumes designated for payment by LVM may be measured at the source by the average end area method and converted to contract measurement by multiplying the FM measure by one hundred twenty-five percent.
- (3) Volumes designated for payment by FME may be measured in its original position by the average end area method and multiply the FM measure by 90 percent.
- (4) Small volumes of surplus, excess excavation or other small volumes of excavation which are impractical to measure by the average end area method but are designated to be measured by FME may be measured LVM and multiply the loose measure by 72 percent.

When any of the above conversion measurements are ordered by the Engineer, the method of measurement shall be deemed acceptable to all parties and shall be final.

When the average end area method is indicated, other three dimensional measurements of the prismoid occupied by the material in its natural position before removal, may be used.

When requested by the Contractor and approved by the Engineer in writing, materials specified to be measured by the cubic yard or ton may be converted to the other measure as appropriate. Factors for conversion from weight measurement to volume measurement or from volume measurement to weight measurement, will be determined by the Engineer and shall be agreed to by the Contractor before such method of measurement of pay quantities is used.

All materials for which measurements are obtained by the cubic yard LVM shall be hauled in approved vehicles and verified therein at the point of delivery. Approved vehicles for this purpose may be of any size or type acceptable to the Engineer, provided the body is of such shape that actual delivered contents may be readily and accurately determined to the whole cubic yard. Unless all approved vehicles on the work are of uniform capacity, each vehicle must bear a plainly legible identification mark, indicating its measured capacity.

All vehicles shall be loaded to a sufficient level to ensure a water level load when the vehicles arrive at the point of delivery. Loads not hauled in approved vehicles, or of a quantity less than the measure quantity for the hauling vehicles, will be subject to rejection.

Bituminous materials will be measured by the gallon or ton. Volumes will be measured at 60⁰ F or will be corrected to the volume at 60⁰ F.

S-109.02--Scope of Payment. The compensation, as herein provided, constitutes full payment for the complete work, including all materials, labor, tools, equipment, and incidentals necessary for performing all work contemplated and embraced under the contract; for all loss or damage arising out of the nature of the work; for all loss from the action of the elements, except as otherwise provided; for any unforeseen difficulties or obstruction of

the work which may arise or be encountered during the prosecution of the work until its final acceptance; for all risks connected with the prosecution of the work; for all expenses incurred by or in consequence of suspension or discontinuance of the work as herein specified, or for any infringement of patents, trademarks, or copyrights; and for completing the work in an acceptable manner according to the plans and specifications.

If the "Basis of Payment" clause in the specifications relating to any pay item in the contract requires that the contract unit price cover and be considered compensation for certain work or material essential to the item, this same work or material will not also be measured or paid for under any other pay item which may appear elsewhere in the specifications.

The payment of any current estimate, prior to final acceptance of the work by the Owner and Engineer, shall in no way constitute acceptance of the work, nor in any way affect the obligation of the Contractor to repair or renew defective parts of the work. The Engineer will be the judge of defects or imperfections, and the Contractor shall be liable to the Owner for failure to correct same as provided herein.

S-109.03--Compensation for Altered Quantities. Whenever the quantity of any pay item is increased or decreased from the original contract quantity, payment for the item will be made on the basis of the actual quantity completed at the contract unit price, except as otherwise provided in S-104.02, in the detailed specifications for the particular pay item or by supplemental agreement.

S-109.04--Extra and Force Account Work. Extra work performed in accordance with the requirements and provisions of S-104.03 will be paid for at the unit prices or lump sum stipulated in the agreement authorizing the work, or the Engineer with the approval of the Owner may require the Contractor to do such work on a force account basis to be compensated in the following manner:

- (1) Labor. For all labor and foremen in direct charge of the specific operations, the Contractor will receive the rate of wage (or scale) agreed upon in writing before beginning work for each hour that labor and foremen are actually engaged in such work.

An amount equal to fifteen (15) percent of the sum of the above item will also be paid the Contractor.

- (2) Bond, Insurance, and Tax. For property damage, liability, and workmen's compensation insurance premiums, unemployment insurance contributions and social security taxes on the force account work, the Contractor will receive the actual cost, to which cost no percentage will be added. The Contractor shall furnish satisfactory evidence of the rate or rates paid for the bond, insurance, and tax.
- (3) Materials. For materials accepted by the Engineer and used, the Contractor will receive the actual cost of the materials, including transportation charges paid by him (exclusive of machinery rentals as hereinafter set forth), to which cost fifteen (15) percent will be added.
- (4) Equipment. For any machinery or special equipment (other than small tools) authorized by the Engineer, the Contractor will receive the rental rates agreed upon in writing.

In the event an agreement cannot be reached for a particular piece of equipment, the pamphlet entitled "Construction Equipment Ownership and Operating Expense Schedule, Region III" as published by the Department of Army, U.S. Army Corps of Engineers, current at the time the force account work is authorized, will be used to determine equipment ownership and operating expense rates. These rates do not include allowances for operating, labor, mobilization or demobilization costs, overhead or profit, and do not represent rental charges for those in the business of renting equipment. Operating labor and overhead cost will be allowed. Subject to advance approval of the Engineer, actual transportation cost for a distance of not more than 200 miles will be reimbursed for equipment not already on the project. The cost of transportation after completion of the force account work will be reimbursed except it cannot

exceed the allowance for moving the equipment to the work.

The hourly use rates are computed on the basis of a 40-hour work week. When the Contractor works more than 40 hours per week, the cost for "Cost of Facilities Capital" will be excluded from the hourly rate for those hours in excess of 40 hours per week.

No more than eight hours of standby will be paid during a 24-hour day, nor more than 40 hours per week. Standby time will not be allowed unless the equipment has been in idle status in excess of 16 hours during a 24-hour day. Likewise, standby will not be allowed during periods when the equipment would have otherwise been in idle status. Actual operating time during a week will be credited against the 40 hours maximum standby allowance.

All equipment shall be subject to approval from day to day in accordance with the requirements of S-108.05.

- (5) Miscellaneous. No additional allowance will be made for general superintendence, the use of small tools, or other costs for which no specific allowance is herein provided.
- (6) Compensation. No extra work on a force account basis will be paid for unless unit prices for labor, materials, and equipment rentals have been agreed upon in writing before work is started. In no case shall the unit prices paid to the Contractor exceed the amount of the quoted unit price for each item stipulated in the Force Account agreement.

The Contractor, or his authorized representative, and the Engineer shall compare records of extra work done on a force account basis at the end of each day. Copies of these records shall be made upon the form provided for this purpose, and shall be certified to by the Contractor and the Engineer. The Contractor shall furnish to the Engineer itemized statements of the cost of all force account work. The statements shall include a true copy of the payroll and the original receipted bills and invoices for the material used and the freight charges paid on same. Where materials used are not specifically purchased for use on extra work but are taken from the Contractor's stock, the Contractor may submit an affidavit of the quantity, price, and freight on these materials in lieu of certified copies of original bills and invoices. Statements covering force account work for each specific agreement shall be submitted promptly at the end of the month in which the work was actually completed.

S-109.05--Eliminated Items. Should any item contained in the proposal be found unnecessary for the proper completion of the work, the Engineer may, upon written order to the Contractor, eliminate the item from the contract and in no way invalidate the contract. When the Contractor is notified of the elimination of items, he will be reimbursed for actual work done and all costs incurred prior to the notification as provided in S-104.02.

S-109.06--Partial Payments.

S-109.06.1--General. Monthly estimates will be authorized by the Engineer provided the amount due on completed work is at least \$1,000.00 including advancement on materials. The monthly estimate will be prepared by the Engineer on the day of the month prescribed by the Owner. Partial payments based on monthly estimates and computed at contract unit prices will be made on or about the day prescribed by the Owner.

If defective work and/or materials are discovered or reasonable doubt arises as to the integrity of any part of the work for which partial payment has been allowed, a deduction from subsequent estimates in an amount equal to the value of the defective or questioned work will be made until the defects have been remedied or the causes for doubt removed.

S-109.06.2--Advancement on Materials. Upon written request of the Contractor, written consent of the Surety, approval by the Owner, advance payments for bulky non-perishable durable materials constituting significant portions of the project cost stored and stockpiled on or near the project or at other locations approved by the Engineer may be allowed. Borrow material, granular materials, topsoil, living or perishable plant materials and seeds are not to be considered for partial payment, nor will partial payments be made on relatively small quantities of materials. If partial payment is allowed, such payment will be based on the verified actual material costs plus the freight charges (excluding sales tax, local hauling and handling costs) without regard to percentage of completion of work. Estimates will not be allowed until the Engineer receives duplicate copies of material invoices plus a testing engineer's certification. In all cases the Contractor shall save harmless the Owner and Engineer in event of loss or damage, regardless of cause, as a result of such advance payments.

As the materials are incorporated into the work in accordance with specification requirements proportionate reductions for advanced payments shall be made from the monthly estimates covering the work performed. Calculation of percentage of completion, or rate of progress, shall be based on completed work and no consideration shall be given to inclusion of stockpiled materials in such calculations.

S-109.06.3--Retainage. Ten percent (10 %) of the total of each monthly estimate will be deducted and retained until after the completion of all work in the contract, and the balance, less all previous payments, will be certified by the Engineer. The monthly estimates will be approximate only, and all estimates and payments will be subject to correction following discovery of error in any previous estimate. When all work has been completed the Engineer may, with the approval of the Owner and consent of the Surety, reduce the retainage to two and one-half percent of the total amount earned.

Should defective work or materials be discovered or should reasonable doubt arise as to the integrity of any part of the work completed previously, there will be deducted from subsequent estimates an amount equal to the value of the defective or questioned work, and this work will not be included for payment until the defects have been remedied or the causes for doubt removed.

S-109.06.4--Withholding of Estimates. An estimate may be withheld indefinitely until all directions given by the Engineer, in compliance with and by virtue of the terms of the contract, have been complied with by the Contractor.

S-109.07--Payment for Material on Hand. See S-109.06.2.

S-109.08---Changes in Material Costs. Because of the uncertainty in estimating the costs of petroleum products that will be required during the life of a contract, adjustment in compensation for certain materials is provided as follows:

Bituminous Products-- Each month the Department will acquire unit prices from producers or suppliers who supply the State highway construction industry with bituminous products. The average of all quotes for each product will serve as the base price for contracts let in the subsequent month.

S-109.09--Freight Rates and Labor Rates. "Blank".

S-109.10--Payment of Withheld Funds. "Blank".

S-109.11--Acceptance and Final Payment. When the Engineer has determined the Contractor has performed all of the work in accordance with the terms of the contract, and that all test reports are on file, he will notify the Owner accordingly, requesting that a final inspection of the work be performed. The Engineer or his representative shall make such final inspection in company with the Owner and, if the Owner concurs with the Engineer's recommendation that the work be accepted, the Owner will then formally accept the work in writing.

Whenever the work provided for in the contract shall have been completely performed on the part of the Contractor and all parts of the work have been approved by the Engineer and accepted by the Owner, a final estimate showing the value of the work will be prepared by the Engineer as soon as the necessary final measurements and computations can be made. The amount of this estimate, less any sums that have been deducted or retained under the provisions of the contract, will be paid to the Contractor as soon as practicable after the final acceptance. The Owner may at their discretion withhold final payment until receipt from the Contractor's Surety of a statement consenting to the release of a part of or all of the retainage.

The acceptance by the Contractor of the last payment as aforesaid shall operate as and shall be a release to the Owner from all claims or liabilities under the contract for anything done, furnished or relating to the work under the contract, or for any act or neglect of said Owner relating to or connected with the contract.

S-109.12--Right to Audit. The Owner reserves the right to audit the Contractor's records at any time during the contract period and up to three years after the final contract payment or up to three years after any litigation is filed with court, whichever is later. If the Owner commences an audit, the Contractor will be required to provide sufficient original documents and records to satisfy the Owner that the costs included in the Contractor's claim were incurred solely in performance of the referenced project and project phase and were not incurred on any other project or phase of the referenced project that the Contractor is constructing or has constructed. The audit will be conducted in accordance with United States General Accounting Office's Governmental Auditing Standards, the Institute of Internal Auditor's Professional Practice Standards, and the American Institute of Certified Public Accountant's Auditing Standards.

S-109.13--Contract Overpayment(s). The Contractor is duly responsible to and will immediately reimburse the Owner, without any demand therefor, for any overpayment(s) of which he has knowledge or through due diligence, should have knowledge.

By the execution of the contract, the Contractor also agrees that if the Owner has made any overpayment(s) to the Contractor on any previously executed contract(s), the Owner may notify the Contractor in writing of the nature and the amount of the overpayment(s). If the Contractor fails to remit the overpayment(s) to the Owner within thirty (30) calendar days, the Owner may withhold any payment(s) due the Contractor until said overpayment(s) are received.

SECTION S-200 - MOBILIZATION

S-200.01--Description. Mobilization shall consist of moving all labor, equipment, supplies, and incidentals to the project site and removing same after other work under the contract has been completed. It shall also include all mobilization preconstruction costs which are necessary direct costs to the project and are of a general nature rather than directly attributable to other pay items.

COMPENSATION**S-200.02--Method of Measurement.**

S-200.02.1--Mobilization. Measurement for payment will be in accordance with the following schedule:

- (1) When five percent of the original contract amount is earned from other bid items (exclusive of those listed as dependent items), fifty (50) percent of the amount bid for mobilization, or five percent of the original contract amount, whichever is less, will be paid.
- (2) When ten (10) percent of the original contract amount is earned from other bid items (exclusive of those listed as dependent items), one hundred (100) percent of the amount bid for mobilization, or ten (10) percent of the original contract amount, whichever is less, will be paid.
- (3) Upon completion of all work, payment of any amount bid for mobilization in excess of ten (10) percent of the original contract amount will be paid.

In the event the contract is terminated under the provisions of S-108.09, the percentages listed will not be used in computing total payment, but the percentages of original contract amount (exclusive of dependent items) earned at the time of termination will be applied to the lump sum price bid for mobilization.

S-200.03--Basis of Payment. Mobilization will be paid for at the contract lump sum price, which shall be full compensation for completing the work specified.

Payment will be made under:

S-200-A: Mobilization - lump sum

When not listed as a pay item, the cost of this work shall be included in the prices bid for other items.

S-201 – Clearing and Grubbing

S-201.01--Description. This work shall consist of clearing, grubbing, removing and disposing of all things within the limits of the right-of-way and/or property and easement areas, except things designated to remain or to be removed in accordance with other provisions of the contract. This work shall also include the preservation from injury or defacement of all vegetation, objects, or materials designated to remain or to be salvaged, and the removal and satisfactory disposal of obstructions and salvable material when their removal and disposal is not otherwise provided in the contract. The requirements for removal and disposal shall be in accordance with the provisions and requirements of S-202.

CONSTRUCTION REQUIREMENTS

S-201.02--General. It is the intent of these specifications that all desirable natural growth within the right-of-way, property and easement areas be preserved where practicable, and that all things which detract from the aesthetic value of the completed work, unnecessarily interfere with construction, or would unnecessarily interfere with future maintenance be removed. The Contractor shall be responsible for preserving all things designated to be salvaged or to remain. In areas where desirable natural growth is designated to remain, the Contractor shall thin or trim shrubbery and live trees to the extent consistent with the intent of these specifications. Use of methods or equipment which might mar or destroy vegetation designated for preservation will not be permitted.

All clearing and grubbing necessary for setting construction stakes shall be completed a satisfactory distance ahead of grading operations. Refer to S-107.22.5 for restrictions and protection of the cleared area.

S-201.03--Clearing and Grubbing.

S-201.03.1--Clearing and Grubbing-Lump Sum Basis. Surface objects, trees, stumps, roots, and other protruding or underground obstructions, not designated to remain, shall be cleared and grubbed (including mowing, as required).

Except in areas to be excavated, stump holes and other holes from which obstructions are removed shall be backfilled with suitable material and thoroughly compacted as specified.

All operations shall be conducted in such a manner as to prevent damage to anything that is to remain on the right-of-way, property or to adjacent property.

Burning of perishable material shall be done only in accordance with applicable laws, ordinances, and regulations. If not burned, materials and debris shall be removed from the right-of-way and/or property and disposed of outside the limits of view from any public road or facility.

Low hanging and unsound or unsightly branches on trees or shrubs designated to remain shall be removed as directed. Branches of trees extending over the roadway shall be trimmed to give a clear height of at least twenty (20) feet above the roadway surface. All trimming shall be done by skilled workmen and in accordance with good tree surgery practices. An approved asphaltum base paint prepared specifically for tree surgery shall be furnished and applied by the Contractor to cut or scarred surfaces on trees or shrubs selected to remain.

S-202 – Removal of Structures and Obstructions

S-202.01--Description. This work shall consist of the removal and the satisfactory disposal of all buildings, fences, structures, old pavements, abandoned pipe lines, and other obstructions which are not designated to remain or to be removed and disposed of under other provisions of the contract or under separate contracts or agreements. This work shall also consist of necessary excavation incidental to the removal of structures and obstructions and backfilling the resulting cavity.

CONSTRUCTION REQUIREMENTS

S-202.02--General. The Contractor shall preserve and protect all structures, fences, public and private utilities, and improvements, above or below the ground, which are to remain or be removed by others. Unless specified, removal or adjustment of these items will not be the responsibility of the Contractor.

The Contractor shall raze or remove and satisfactorily dispose of all buildings, structures, fences, and other obstructions, except those items indicated to remain or be otherwise removed and disposed of. Basements or cavities left by structure removal shall be filled to the level of the surrounding ground, compacted as directed, or if within the limits of construction, compacted in accordance with S-203.09.3.

All materials not designated for salvage shall be disposed of by the Contractor in accordance with S-201.03.

Operations necessary for the removal of an existing structure or other obstruction which may damage new construction shall be completed prior to constructing the new work. The Contractor shall employ methods for removal to ensure that new work, items in place to remain, or materials to be salvaged will not be damaged (Reference is made to S-107.12).

All material designated for salvage shall be removed, without unnecessary damage, in sections or pieces which may be readily transported and shall be stored by the Contractor at designated sites within the project limits.

S-202.03--Removal of Bridges, Culverts, and Other Drainage Structures. Bridges, culverts, and other structures, in use by traffic, shall not be removed until the traffic is satisfactorily accommodated otherwise.

Unless otherwise directed, existing structures shall be removed to at least one foot below the final ground line or designated low water level. The removal of portions of bridges located in navigable streams shall be subject to the requirements set out in the permit of the authority approving the location and plans and authorizing construction of the new structure.

Unless otherwise specified in the proposal, or noted on the plans, structural steel, timber, and salvageable material shall remain the property of the Owner. Steel or timber bridges shall be carefully dismantled without unnecessary damage. Steel members shall be match marked, and all salvaged material shall be stored as specified in S-202.02.

When required on the plans or in the proposal, concrete which is suitable for riprap shall be salvaged and stockpiled, or otherwise disposed of in accordance with S-202.05.

S-202.04--Removal of Pipe. All culvert pipe designated to be salvaged or relaid shall be carefully removed and every reasonable precaution taken to avoid breaking or damaging. Pipes designated to be relaid shall be removed, handled, and stored when necessary so that there will be no loss or damage before relaying. The Contractor shall replace without extra compensation all sections lost from storage or damaged by negligence or improper methods to the extent its reuse is deemed by the Engineer to be unsatisfactory. Pipes not designated to be salvaged or relaid shall be disposed of by the Contractor in accordance with S-201.03.1.

S-202.05--Removal of Pavement, Sidewalks, Curbs, Etc. When required on the plans or in the proposal, concrete pavement, sidewalks, curbs, gutters, etc. designated for salvage shall be broken into pieces not exceeding 150 pounds in weight unless otherwise specified and shall be stockpiled at locations designated by the Engineer within the project limits or at other locations designated in the contract. All excess over that required for salvage, and all when none is required for salvage, shall be disposed of by the Contractor, without regard to size of pieces in accordance with S-201.03.

S-203 – Excavation and Embankment

S-203.01--Description. This work shall consist of excavation and embankment required for the proposed improvements, and includes the preparation of subgrade and foundations, the construction of embankments and other utilization or disposal of materials excavated, and the compaction and dressing of excavated areas and embankments.

S-203.02--Classifications of Excavation. Where classification is provided by separate pay items in the proposal, the excavation specified under this section may be classified by any of the following classes:

S-203.02.1--Unclassified Excavation. When no pay item is included in the contract for other classes of excavation, unclassified excavation will consist of the excavation and processing or disposal of all materials of whatever character encountered in the work. When pay items are included for other classes of excavation, unclassified excavation will consist of the excavation and processing or disposal of all materials except those for which additional pay items are provided.

S-203.02.2—Blank.

S-203.02.3--Muck Excavation. When shown as a pay item, muck excavation will consist of the excavation, removal, and disposal of natural deposits of saturated or unsaturated mixtures of soils and organic matter unsuitable for foundation materials. The Engineer, after consideration of the material and the conditions involved at the time of excavation, will be the sole judge as to whether the material involved will be classified as muck excavation.

S-203.02.4--Borrow Excavation. Borrow excavation will consist of approved material required for the construction of embankments or other portions of the work. The Contractor shall make arrangements for obtaining borrow, and shall pay all costs involved. Contractor furnished borrow with a LL of not more than 25 and a PI between 8 and 12.

S-203.02.5--Channel Excavation. When shown as a pay item, channel excavation will consist of excavation and disposal of all material required for the widening, deepening, or straightening of an existing channel or the construction of a new channel. Material from channel excavation used in the roadbed or other required embankment construction will be classified as unclassified excavation.

S-203.02.6--Special Excavation. When shown as a pay item, special excavation will consist of the excavation and disposal of the following: unsuitable materials required to be removed below natural ground under embankments; unsuitable materials encountered in soils not placed under this contract; or excavation below required embankments specified for the salvaging and stockpiling of topsoil and plating material.

S-203.02.7--Excess Excavation. When shown as a pay item, excess excavation will consist of excavation which cannot be satisfactorily used or disposed of within the right-of-way and/or property. Except for muck excavation, excess excavation may include any type, kind, or class of excavation which the Engineer determines must be removed from the right-of-way and/or property. It will not include any excess caused by the Contractor importing too much excavation; in this case the excess excavation shall be removed from the project at the expense of the contractor.

When shown as a pay item and unless otherwise indicated in the contract, the Contractor shall provide a disposal area for excess excavation.

S-203.02.8--Surplus Excavation. When shown as a pay item, surplus excavation will consist of required excavation within the project limits, which is in excess of or unsuitable for that required for embankments and which can be satisfactorily used or disposed of within the project limits.

S-203.02.9--Stripping Excavation. Stripping excavation shall consist of the excavation, removal and disposal of all overburden materials of whatever character necessary to satisfactorily expose suitable selected material.

S-203.02.10--Estimated On Site Excavation (E.O.S.E.). Where projects cannot be balanced from material from within the project limits, excavation identified as Estimated On Site Excavation (E.O.S.E.) shall become the property of the contractor. It shall be excavated, used in the embankment if suitable, and paid for as Borrow Excavation (F.M.E.), (or in lump sum item), if used in the embankment.

CONSTRUCTION REQUIREMENTS

S-203.03--General. Excavation and embankment operations may be started at the location and in the sequence approved by the Engineer when:

- (1) sufficient clearing and grubbing has been completed and accepted;
- (2) the work has been cross sectioned and slope staked (if necessary);
- (3) installation of required pipes, culverts, and approved backfills are complete;
- (4) the site has been prepared in accordance with these specifications;
- (5) the Contractor has informed himself as to the proper haul and disposal of material.

Excavations and embankments shall be finished to reasonably smooth and uniform surfaces. No material shall be wasted without permission of the Engineer. Excavation operations shall be conducted so that material outside the limits of slopes will not be unnecessarily disturbed.

Where plating is contemplated, either in cut or fill sections, appropriate adjustment shall be made in the graded section during construction so that the finished section after plating will conform within allowable tolerances to the typical sections shown on the plans.

Unless otherwise specified, rock larger than three inches shall be removed to a minimum depth of eight inches below subgrade, and the excavation backfilled with material designated on the plans or approved by the Engineer. Care shall be taken that undrained pockets are not left in the surface of rock.

Borrow material should not be placed until after excavation has been placed in embankments. Excess material determined to have been caused by the Contractor importing too much excavation from sources shall be removed from the project limits in accordance with S-104.06 unless the Engineer orders that the material be disposed of within the project limits. The Contractor shall not excavate beyond the dimensions and elevations established or approved.

When the Contractor's excavating operations encounter remains of prehistoric dwelling sites or other artifacts of historical or archeological significance, the operations shall be temporarily discontinued. The Engineer will contact appropriate authorities to determine the disposition thereof.

When directed by the Engineer, the Contractor shall excavate the site in a manner to preserve the artifacts encountered, and if required shall remove them for delivery to the owner.

Where excavation to grade results in a foundation, subgrade, or slope of unsuitable soil, the Engineer may require the Contractor to remove unsuitable materials and backfill to the required grade with approved material. Slides or other soil failures shall be removed by the Contractor.

The Engineer may designate as unsuitable those soils which cannot be properly compacted under satisfactory conditions. All unsuitable material shall be disposed of as specified or directed.

S-203.04--Topsoil. Where the salvaging and stockpiling of topsoil or plating material is specified, this operation shall be completed before beginning excavation of the underlying material.

S-203.05—Blank.

S-203.06--Excavation Operations. Excavation operations shall be so conducted as to minimize the loosening of materials outside the required slopes or below the indicated grade. No payment will be made for the removal, disposal, or replacement of material determined to be loosened or undercut through carelessness or negligence on the part of the Contractor. Neither will payment be made for excavation which is used for purposes other than designated.

When practicable, excavation and disposal of the material shall be conducted in such a manner that the most suitable material will be placed in the top courses of embankments. Adequate drainage which will conform to the finished drainage system shall be maintained.

All earth cut slopes shall be dressed to smooth and uniform surfaces to conform to the specified sections. Allowable tolerances for cut slopes shall be plus or minus five-tenths (0.5) foot horizontally at subgrade elevation. On deep cuts, a greater tolerance is allowable but not to exceed an additional three-tenths (0.3) foot horizontally for each ten (10) feet of depth. Allowable vertical tolerances at subgrade elevation shall be plus or minus 0.10 foot in elevation.

S-203.07--Blank.

S-203.08--Disposal of Unsuitable, Surplus, Channel, and Excess Excavation. All material encountered in excavation within the project limits which is unsuitable for use in the work shall be removed and disposed of as specified in the contract or as directed. Unsuitable material shall be understood to be any material, which at the proper moisture content cannot be processed to the required density and stability. Unless otherwise specified, the Contractor shall provide at his own expense the location for the disposal of muck and excess excavation, and shall furnish the Engineer with two signed copies of the release as provided in S-104.06.

S-203.09--Embankment Construction.

S-203.09.1--General. Embankment construction shall consist of: constructing roadway embankments; dikes; placing and compacting of approved material where unsuitable material has been removed; backfilling of structures where not otherwise provided for; and placing and compacting embankment material in holes, pits, or other depressions.

This work shall also consist of preparation of the areas upon which embankments are to be constructed. Only approved materials excavated as provided in the contract shall be placed in embankments and backfills; unsuitable or perishable materials such as rubbish, sod, brush, roots, loose stumps, logs, heavy vegetation, sawdust, etc. shall not be incorporated in embankments. Rocks, broken concrete, or other solid material shall not be placed in embankment areas.

Special materials for embankments such as for inundated areas, filter beds, etc. or special backfill material may be specified elsewhere in the contract.

S-203.09.2--Preparation of Embankment Areas. Preparation of embankment areas shall be in accordance with one or a combination of the following procedures:

S-203.09.2.1. All grade points shall be undercut, back-filled with suitable excavation material, and compacted to the density for the design soil portion of embankments. The material excavated from the undercut, if

suitable, shall be used in other portions of the work. The undercut at each grade point shall be approximately three feet below the subgrade in the embankment. The undercut shall be extended a sufficient distance into the cut to provide an undercut grade at the point of intersection with the subgrade of not less than two feet below natural ground.

S-203.09.2.2. Unless otherwise specified or directed by the Engineer, where the height of an embankment to subgrade will be three feet or less, all sod, vegetable matter, and unsuitable soil shall be removed from the surface upon which the embankment is to be constructed. The cleared surface shall be completely broken up by plowing, scarifying, or disk-harrowing to a depth of at least six inches. The loosened material shall then be compacted to the density specified (SV) for the design soil portion of the embankment.

The removed vegetation and unsuitable soil shall be disposed of as directed.

No additional payment will be made for plowing, scarifying, or disk-harrowing under this type of preparation.

S-203.09.2.4. In areas where the height of embankment to subgrade is to be greater than three feet, all material determined by the Engineer to be unsuitable for foundation for the embankment shall be undercut and disposed of as directed. All sod on all other areas shall be thoroughly disk-harrowed before construction of the embankment.

S-203.09.2.5. Where embankment is to be constructed on hillsides or against existing roadway slopes, slopes which are steeper than 4:1 shall be continuously benched as the new work is brought up against the slope. Benching shall be of sufficient width to permit operation of placing and compacting equipment. Each horizontal cut shall begin at the intersection of the original ground or slope and the vertical sides of the previous cut. Material thus cut out shall be recompacted along with the new embankment material and will not be measured for payment.

S-203.09.3--Embankment Formation. After the area has been prepared as specified, the embankment shall be constructed in full width layers parallel to the finished grade.

Except as herein provided, each layer shall not exceed eight inches (loose) in thickness, and shall be spread, shaped, and compacted so that the completed embankment will conform to the required density, stability, line, grade, and cross-section.

The required stability in embankment construction shall be that which the Engineer determines can be reasonably obtained at the proper moisture content for the material being placed. Sponginess, shoving, or other displacement under heavy equipment will be considered prima facie evidence of lack of stability under this requirement.

Direct casting or similar methods will not be permitted unless authorized in writing by the Engineer. Should direct casting be authorized, all cast material shall be moved from the point where it is deposited, spread and compacted in uniform layers as specified herein.

S-203.09.3.1--Basement Soils. In low, swampy ground which will not support the weight of hauling equipment, the Engineer may permit the bottom portion of the embankment to be constructed in a uniformly distributed layer of sufficient thickness to support equipment placing subsequent layers. However, this method will not be permitted in any portion of the fill less than three feet below subgrade.

In areas where the embankment material is of a highly varying character, construction shall be performed so as to eliminate pockets or strata of varying materials. Each layer shall be disk-harrowed and heavily bladed for its

full depth; or moved from its position of deposit by motor grader, bulldozer, or other equipment; or processed by other means to the extent necessary to eliminate pockets or strata of material of varying character. The layer shall then be shaped and compacted in accordance with these specifications.

Rock in embankment shall be distributed over the area to avoid bridging, nests, or pockets, and all interstices shall be completely filled with earth or stone fragments and compacted. Where only occasional boulders are encountered, they shall be placed near the outer slopes in lower portions of the embankment.

S-203.09.3.2--Design Soils. Each layer of the design soil shall be disk-harrowed and heavily bladed for its full depth, or processed by other approved means to the extent necessary to provide a layer of material reasonably uniform in character. Each layer shall then be shaped and compacted in accordance with these specifications.

S-203.09.3.3--Backfill and Embankment Formation Adjacent to Structures. Backfilling around structures shall not start until the structure has been properly cured for the minimum number of days required and permission has been granted by the Engineer to proceed with the work. The work shall be performed only under the direct supervision of the Engineer or his designated representative.

The material shall be approved before placement, and shall be the best available from the sources. It shall preferably be nonplastic, sandy, or loamy earth and shall be free from large lumps, clods, rock, or other objectionable matter. Adequate provision shall be made for thorough drainage of all backfilling.

The backfill material shall be deposited in uniform, parallel layers on the sides of box bridges or culverts, or other structures. Each layer shall be disk-harrowed and bladed for its full depth or processed by other approved means to the extent necessary to provide a layer of material reasonably uniform in character, and shall be so placed and compacted that drainage of the layer will be away from both the longitudinal and the transverse axes of the structure. In addition, the backfill for abutments, retaining walls, wing walls, or other structures or sections thereof shall be built in layers with each layer being constructed for the full length of the unit and special precaution shall be taken to prevent any wedging action against the structure.

The material for each layer shall be uniformly compacted, preferably by approved mechanical equipment including self-powered mechanical tampers, to not less than the density required in the adjacent embankment. The work shall be conducted so as to form a berm of compacted soil of sufficient width on each side of the structure such that the berms at the top of the structure shall be at least six feet in width. The slopes of the backfill shall not be steeper than 3:1 at any point. Unless otherwise specified, backfilling shall continue to the level of the original ground, to an elevation at least one foot above the top of the structure, or to the top of the graded section, as applicable.

The Contractor shall repair, restore with new work, or make good without extra compensation all damage done to the structure as a result of the backfilling operations.

S-203.09.4--Compaction of Embankments. All embankment material shall be at the moisture content determined to be proper for the particular material being placed so that the resulting work will be both dense and stable.

It shall be the Contractor's responsibility to maintain the proper moisture content during compaction operations, and the Engineer may require moistening or drying as necessary, without additional compensation to the Contractor.

The material shall be compacted until the required density, determined in accordance with S-700.03 and S-700.04 has been attained and the embankment is stable.

Acceptance of compaction will be on a lot basis.

For basement and design soils, the required density shall be 95.0 percent and 98.0 percent, respectively. If a density test fails within minus two percent (-2.0%), 93.0 to 95.0% or 96.0 to 98.0%, of the required density, a verification test will be performed and the average of the two tests will be the test value for the lot. If this test value does not meet the required density (95.0 or 98.0%), the lot shall be rejected. If the original test value exceeds minus two percent (-2%) of the required density, no verification test will be performed and the lot shall be rejected.

Acceptance of compaction for structural backfill will be considered a separate frame of work. The backfill at each structure up to a depth of five feet will be considered a lot. For long structures, the Engineer may specify that the backfill be divided into smaller lots. Each lot will be divided into four approximately equal sublots with two density tests taken at random on each side of the structure. The single test and the lot average shall conform to the required densities set forth above for basement soils or design soils as applicable.

The Contractor shall make allowance for shrinkage and compaction in the construction of embankment.

S-203.09.5--Tolerances. The allowable vertical tolerance at subgrade elevation shall be plus or minus one-tenth foot in elevation.

The allowable horizontal tolerance at subgrade elevation will be five-tenths of a foot. The allowable tolerance from staked slopes on fills will be plus or minus five-tenths foot horizontally for each 10 feet of fill height except where surplus excavation is required or permitted by the Engineer to be used for uniformly widening embankments or flattening slopes. In these cases tolerances will be modified accordingly.

S-203.10--Settlement by Blasting.

S-203.11--Maintenance of Earthwork. The Contractor shall satisfactorily maintain all portions of the work until the completion and acceptance of the contract. The Contractor shall replace, restore, or reconstruct without extra compensation all portions, including materials, determined by the Engineer to have been displaced or damaged due to carelessness or negligence on the Contractor's part. Carelessness or negligence may include but not be limited to inadequate drainage; failure to remove forms or obstructions; failure to properly prosecute and complete work within the time specified in the contract; neglecting to establish erosion control items; failing to provide continuous maintenance as required; or other avoidable causes for displacement or damages.

S-205 – Subgrade Preparation

S-205.01--Description. The subgrade is designated as that part of the roadbed or foundation structure consisting of the design soils upon which the base structure (or building/paving) is to be placed and its finished construction shall conform to the provisions herein and such special preparation as may be required. The subgrade preparation shall consist of the construction and compaction of the subgrade in accordance with these specifications.

S-205.02--Subgrade Preparation. The subgrade shall be constructed as indicated above in accordance with S-700.04.3 and with the lines, grades and typical section for the particular type of structure, as shown on the plans or established by the Engineer. No structure shall be placed on the subgrade until same has been checked and approved by the Engineer.

The subgrade material shall be moistened or dried to the optimum moisture content as determined by AASHTO T-99, Method C, as modified by Mississippi Test MT-8.

The specified value (SV) for subgrade density shall be ninety-eight (98) percent. A unit of deviation will be one percentage point. Field density determinations will be made in accordance with AASHTO T-191, as modified by Mississippi Test MT-10 or MT-16.

All soft and yielding or other unsuitable material which will not compact readily shall be removed and disposed of as directed.

All loose rock or boulders found in the subgrade shall be removed.

The volume of such unsuitable materials described above shall be replaced with approved material and the entire subgrade brought to lines, grades and uniform compaction.

S-205.03--Protection of Subgrade. After the subgrade has been prepared, as specified above, it shall be maintained in a smooth and compacted condition free from ruts and depressions and shall be adequately drained. In handling of materials and the operation of tools and equipment, the Contractor shall protect the subgrade from damage. If damage occurs, the subgrade shall be reshaped, recompacted and maintained reasonably close to line and grade until the structure is placed.

S-206 – Structure Excavation for Culverts, Boxes, and Minor Structures

S-206.01--Description. This work shall consist of the removal of all material necessary for the construction of foundations for box culverts, box bridges, pipe culverts and headwalls, and other minor structures when authorized by the section covering their construction. It shall also cover all necessary pumping, bailing, drainage, cribbing, or sheeting; other foundation work; and the backfilling and proper disposal of all excavated material as directed. Unless otherwise specified, excavation for pipe used as sidedrains, underdrains, manholes, inlets and catch basins will not be included in this item.

S-206.02--Construction Methods.

S-206.02.1--Excavation. No excavation shall be made until the Engineer has staked out the work. The Contractor shall exercise care to ensure that the adjacent natural ground is not unnecessarily disturbed or the foundation loosened below the bottom of the footing unless additional excavation is required.

When the plans indicate or the Engineer directs removal of material classified in the contract as muck excavation or special excavation under and adjacent to the location of the structure, the undercut shall be made and the area backfilled and compacted to the required density for approximately one foot above the flow line of the structure before structure excavation is performed.

Foundation areas shall be excavated to the footing elevations and dimensions shown on the plans or as established. The right is reserved to make adjustments in the location or flow line and to make changes in the dimensions of the footings that may be necessary to obtain a satisfactory foundation or to provide adequate drainage.

In addition to the requirements of this subsection, excavation for pipe culverts will be performed in accordance with S-603.03 and S-603.04.

Material encountered which is unsuitable for a stable foundation shall be excavated and backfilled as provided in S-203.03.

S-206.02.2--Backfill. When the plans indicate or the Engineer orders removal of unsuitable material or other undercut below the normal grade line to provide a satisfactory foundation and further orders a specified depth of select material that may not be available from within the right-of-way or easement areas, the Contractor shall furnish a suitable backfill material such as sand, gravel, or other similar granular materials.

S-208 – Linear Grading

S-208.01--Description. This work shall consist of grading sections of roadway where, in general, the elevation of the existing ground surface or roadbed is practically parallel with the proposed grade line and the bulk of such excavation made will make the necessary embankment construction and can be moved by motor patrols, bulldozers or other similar equipment to its final position on the adjacent roadway.

CONSTRUCTION REQUIREMENTS S-208.02--Construction Details.**S-208.02.1--Types of Linear Grading.**

S-208.02.1.1--Light Linear Grading. Light linear grading shall consist of pulling ditches, shaping foreslopes and machining the roadbed on a previously constructed road where only a small amount of machining is required to produce a finished section. Unless specifically shown on the plans machining of backslopes will not be required.

S-208.02.1.2--Heavy Linear Grading. Heavy linear grading shall consist of grading of such character that, in general, the excavation from backslopes, ditches and roadbed will be sufficient to construct the roadbed to the required lines, grades and cross-section.

S-208.02.1.3--Linear Grading Special. Linear grading special shall consist of mowing when necessary and grading ditches at locations noted on the plans. The material, from the grading operation, will be used to dress shoulders and foreslopes. It will not be necessary to dress back slopes unless noted on plans.

S-208.02.2--General Requirements. Clearing and grubbing, when required, shall be done only within the grading construction limits plus the addition of any necessary clearing for sight distance.

After the completion of the clearing and grubbing, removal of heavy sod and vegetable matter, the construction shall proceed. Such loosening as is necessary shall be done by plowing or scarifying preparatory to moving the excavation.

The finished section, constructed as shown on the typical section, shall be maintained and preserved by machining. The ditches shall be reasonably close to line and grade and completely drained.

Compaction will be accomplished as specified in S-203.09.4.

S-208.02.3--Disposal of Material. Where linear grading is performed and the yield from pulling ditches, shaping backslopes or roadbed is in excess of the material necessary for the construction of the adjacent embankment and cannot be economically moved into its final position with a motor patrol or bulldozer or if necessary to obtain embankment material from other sources to complete the incidental grading corrections, such materials shall be classed as Unclassified Excavation (FM) and shall be hauled to their designated final position, or disposal made as ordered by the Engineer.

S-210 Roadside Development – General Provisions

Where the term "plant establishment" is used, it shall be understood to mean the work and time necessary to provide fully established, healthy vegetation.

Where the term "dormant" is used, it shall be understood to mean the temporary inactive stage of a living plant or seed. When the term "dormant season" is used, it shall be understood to mean a period of time during the year when germination and growth is not expected.

Areas on which planting, plant establishment, and maintenance have been performed in accordance with the requirements of the contract, the requirements for growth and coverage for each kind of plant which is in its dormant season may be waived provided at least one of the kind of the plantings which is not in its dormant season shows satisfactory growth and coverage.

When contract time has expired and all work under the contract has been completed except for the specified growth and coverage of vegetative items, liquidated damages will not be charged provided the Engineer's diary documents that all the following conditions have been met:

1. The Contractor has performed all plant establishment work that soil and weather conditions would permit;
2. The Contractor has complied with all instructions of the Engineer with regard to maintenance of the work and plant establishment, including but not limited to watering, replanting, mowing, and other work specified for plant establishment; and
3. The entire work is deemed to be in a satisfactory state of maintenance, or every reasonable effort is being made to provide satisfactory maintenance.

S-211 -- Topsoiling

S-211.01--Description. This work shall consist of furnishing if specified, excavating, stockpiling if necessary, transporting, spreading, compacting, and finishing topsoil as specified or directed.

MATERIALS

S-211.02--Material Requirements. Topsoil may be salvaged from within the construction limits. The topsoil shall be removed only from areas and to depths designated by the Engineer.

S-211.02.1--Materials Specified to be Obtained from within the Project Limits. Areas from which topsoil is to be obtained shall be mowed and cleared of foreign materials to the satisfaction of the Engineer.

The approved area shall be excavated neither deeper than the limits of good topsoil nor than necessary to produce sufficient volume to cover the designated areas.

If strata or seams of unsuitable material are encountered during the excavation of topsoil, the material shall be removed from the topsoil. If considered necessary, the area shall be abandoned and satisfactory material produced from other sources.

Topsoil shall either be transported and stockpiled on well drained areas approved by the Engineer, or transported, deposited, and processed directly on designated areas which have been finished, prepared, and approved to receive the topsoil. The Contractor shall spread or dispose of, as directed, all surplus material left in stockpiles without additional cost to the project.

S-211.02.2--Materials to be obtained from Sources Outside the Project Limits. Before mining the material, approved areas shall be mowed and raked and cleared of foreign materials to the satisfaction of the Engineer.

It is intended that approved mining operations shall include the mixing or blending of materials that will insure a homogeneous mixture complying with the requirements of the contract.

The Engineer may, at his discretion, sample the material at any point prior to spreading on the project. This sampling and testing will be for the purpose of determining whether or not corrective measures should be taken.

Material produced and approved as provided herein, will be accepted as meeting all requirements at the point of final loading for delivery and incorporation into the work.

Approved topsoil, mined as prescribed, shall be transported and deposited and processed directly into its final position on designated areas which have been finished, prepared, and approved unless temporary stockpiling is required or permitted by the Engineer. In case stockpiling is required or permitted, the Contractor shall spread or dispose of, as directed, surplus material left in the stockpile without additional cost to the project.

CONSTRUCTION REQUIREMENTS S-211.03--Construction Requirements.

S-211.03.1--Conditioning of Areas to be Plated. The conditioning of areas to be plated will depend on the type of existing soil on cut slopes or fill slopes. Conditioning shall be performed so as to secure a bond between the existing soil and the topsoil. Unless otherwise directed, the area to be plated shall be shaped and dressed to the required line, grade, and typical section; disk-harrowed to a depth of at least two inches; and be reasonably free of large clods and stones (exceeding three inches in diameter) and other foreign materials before topsoil is deposited.

On non-tillable slopes, the areas shall be shaped and dressed to the required section, and the Contractor shall cut trenches or furrows approximately six inches deep and approximately 24 to 36 inches apart, as directed by the Engineer dependent upon the steepness of the slope, and on approximate contours. Surplus material from trenching shall be uniformly spread over the area to be plated or otherwise disposed of in a satisfactory manner. In no case shall topsoil be placed on slopes until conditioning of the areas has been approved.

S-211.03.2--Application. It is intended that the application of topsoil, the application and incorporation of fertilizer, and other erosion control work will constitute continuous construction, and the Contractor shall so organize his overall operation accordingly. When the Engineer has determined that the Contractor has made suitable arrangements to carry out these operations as indicated, topsoil shall be deposited on approved areas and spread to the required depth and section. When the required depth of plating material exceeds eight inches, it shall be placed in two or more approximately equal layers of no more than eight inches each.

Objectionable foreign material, large clods that cannot be broken down, and oversize stones shall be removed and the area dressed to present a uniform appearance.

S-211.03.3--Compaction. After spreading and shaping of the topsoil, compaction shall be performed to the degree that will provide a firm layer having a density of at least what might be expected from one complete coverage of a crawler type tractor track while the material is at a satisfactory moisture content.

S-211.03.4--Compacted Depth of Topsoil. Topsoil shall be deposited and spread in sufficient quantity so that when compacted it will have the depth specified in the contract.

Determination of depth will be made at random and recorded following compaction of each plated area (lot) of approximately 20,000 square feet and more often if determined by the Engineer to be necessary to control the specified depth. The depth of each lot checked will be the average of at least two and not more than four measurements taken within a square yard area. Except as provided in the following two paragraphs, the average depth of each lot shall not vary from the specified depth by more than one inch or twenty-five (25) percent of the specified depth, whichever is larger. The average depth of the entire area topsoiled (the average of the depths of individual lots) shall not vary from the specified depth by more than one inch.

Topsoil measured and paid for on a cubic yard basis may exceed the stated plus tolerances, provided the finished surface is uniform, does not obstruct drainage, and otherwise meets the approval of the Engineer.

Topsoil specified to be measured and paid for on a square yard basis may exceed the stated plus tolerance and remain in place provided the finished surface is uniform, does not obstruct drainage, and otherwise meets the approval of the Engineer. No additional payment will be made for the excessive material placed. The removal of excessive topsoil shall be at the election of the Contractor and at his expense.

S-211.04--Maintenance. The Contractor shall, at his expense, preserve, protect, replace, and do other work necessary to maintain the topsoil in a satisfactory and acceptable condition from the time of placing until final acceptance.

S-212 – Ground Preparation and Fertilizer

S-212.01--Description. This work shall consist of plowing, loosening and pulverizing the soil in the area to be seeded to form suitable beds to receive erosion control items as set out hereunder. Areas prepared and finished under these specifications shall be in reasonably close conformity with established lines, grades and without appreciable humps or depressions. This item shall also consist of furnishing, spreading and incorporating fertilizers of the type (s) and the amount designated on the plans.

MATERIALS

S-212.02--Fertilizers. Amounts and types of fertilizers will be as indicated on the plans and in the proposal, or as directed by the Engineer. All fertilizers shall comply with the State Fertilizer Laws in effect on the date of the letting and, unless otherwise stipulated, with the requirements set out in the following Subsections:

Agricultural Limestone..... S-715.02
Manufactured Fertilizers..... S-715.02

All fertilizers shall be transported in containers which will ensure proper protection and handling. Fertilizers allowed to collect moisture or get wet causing the material to become hard or lumpy, will be rejected.

CONSTRUCTION REQUIREMENTS

S-212.03--Equipment. All equipment necessary for soil preparation and for properly handling, storing, spreading and incorporating the fertilizers into the prepared soil shall be provided.

S-212.04--Ground Preparation. Ground preparation shall consist of plowing and pulverizing the soil within the area to be planted or seeded. Unless otherwise stipulated, the soil shall be prepared to a depth of not less than four inches. The soil area shall be thoroughly disked and harrowed until well pulverized to the full depth and the area shall present a smooth, uniform, loose appearance with all large clods, earth balls, boulders, stumps, large roots or other particles which will interfere with the work removed.

The Engineer may, at his discretion, authorize elimination of ground preparation areas where the soil is sufficiently loose and pulverized.

If wetting of the soil is necessary for proper ground preparation the Contractor shall supply sufficient water therefor.

Full advantage shall be taken of weather and soil conditions and no attempt shall be made to prepare the soil while it is wet or in an otherwise non-tillable condition.

In any case the soil shall be so pulverized and cultivated as to provide a suitable bed for planting or seeding operations and the area shall be true to the lines and grades as established.

S-212.05--Application of Fertilizers and Agricultural Limestone. The Contractor shall furnish all equipment necessary to properly handle, store, uniformly spread, and incorporate the specified application of fertilizer.

The type and rate of application of each fertilizer to be applied will be indicated on the plans, determined by soil tests, or directed. The amounts and types of fertilizers shall be applied uniformly on the areas to be planted or seeded and uniformly incorporated into the soil.

Fertilizers shall be applied on individual areas of not more than approximately three acres. The Engineer will

determine the actual amounts of fertilizers to be applied on each area. For agricultural limestone, a tolerance of fifteen (15) percent will be permitted without correction. For all other types of fertilizer, a tolerance of ten (10) percent will be permitted without correction. Areas deficient in application by more than these tolerances shall be corrected by reapplication in a manner approved by the Engineer. For areas on which fertilizer has been placed in excess of the tolerance permitted the amounts in excess of the tolerances will be deducted from the measured quantities.

All fertilizer shall be incorporated within twenty-four (24) hours following spreading unless otherwise directed. Incorporation of fertilizer into soils other than topsoil shall include standard ground preparation in accordance with S-212.04. When topsoil is used, the fertilizer shall be incorporated into the top three inches.

Unless otherwise specified, when fertilizer is to be applied to existing vegetation, incorporation shall be accomplished immediately after the application by mowing the vegetation to a height of approximately four inches.

S-214 -- Seeding

S-214.01--Description. This work shall consist of furnishing the specified seeds and treatment materials, treating the seeds, and planting the seeds in a prepared and approved seedbed; covering the seeds and compacting the seedbed; and providing plant establishment on designated areas. All the work shall be in accordance with the plans and these specifications.

MATERIALS

S-214.02--Material Requirements. Seeds shall meet the requirements of S-715.03, subject to the provisions of this subsection. The Contractor shall acquire seed from seedmen registered with the Mississippi Department of Agriculture and Commerce.

Except for the germination test (Reference is made to S-715.03), bags of seeds properly labeled or tagged according to law and indicating characteristics meeting or exceeding the requirements of these specifications will be acceptable for planting.

When pretested seeds are planted, a minus tolerance of five percent of the specified germination percentage will be allowed without adjustment. Seeds failing to comply by more than five percent may be planted, provided the rate of seeding is increased by one hundred (100) percent of the deficiency with the same or approved seeds, without additional compensation.

The Engineer may permit the Contractor to plant non-tested seeds, provided the seeds are properly tagged and have indicated characteristics meeting the requirements (without tolerance) of these specifications. If the seeds are planted, the Contractor shall assume full responsibility for the specified percent germination of the seeds. Acceptance or resowing will be based on the results of the subsequent growth and coverage. If the subsequent growth and coverage indicate a deficiency in excess of five percent, the deficiency shall be corrected by immediately resowing an amount of seeds equal to two hundred (200) percent of the observed deficiency with the same or approved seeds without additional compensation.

Ground preparation and fertilizing shall be in accordance with S-212. Mulching shall be in accordance with S-215.

CONSTRUCTION REQUIREMENTS

S-214.03--Construction Details. Prior to planting the seeds, topsoil, ground preparation, and fertilizing shall have been satisfactorily performed and the area approved by the Engineer.

Seeding may be required for temporary protection or for establishment of permanent ground cover.

The rates of application, kinds, and the planting dates of seeds shall be as specified herein.

Seeding mixtures for the various project conditions or degree of completion and seasonal limitations shall be as shown on the following tables:

MIXTURE NO. 1

Spring & Summer (March 1 to Aug. 31)

1. Common Bermudagrass

@ 15 pounds/acre

MIXTURE NO. 3

Fall & Winter (Sept. 1 to Nov. 15)

- | | |
|------------------------|------------------|
| 1. Common Bermudagrass | @ 15 pounds/acre |
| 2. Crimson Clover | @ 20 pounds/acre |

MIXTURE NO. 5 (State-Wide) Winter (Nov. 16 to Feb. 28)

- | | |
|---|------------------|
| 1. Rye Grain (Marshall) | @ 20 pounds/acre |
| 2. Crimson Clover (Tibbee, Dixie, Autauga, Chief) | @ 10 pounds/acre |
| 3. Bermuda (unhulled) (Common) | @ 25 pounds/acre |

USE:

- The recommended quantity of fertilizer for all of the above listed seed mixtures is as follows:

800 pounds	10-20-10	per acre
600 pounds	13-13-13	per acre
200 pounds	Ammonium Nitrate	per acre

Legume seeds shall be treated in accordance with S-715.03.4 immediately before sowing. Seeds shall be uniformly sown over the entire area with approved mechanical seeders. Seeds of different sizes may necessitate separate sowing. Should legume seeds become dry, they shall be reinoculated.

Seeding shall not be done during windy weather or when the ground is frozen, extremely wet, or in an untillable condition.

All seeds shall be covered lightly with soil by raking, rolling, or other approved methods, and the area compacted with a cultipacker.

When specified, mulching shall be performed in accordance with the requirements of S-215 as soon as practicable (no later than twenty-four (24) hours after seeding unless weather conditions are such that mulch cannot be placed).

S-214.04--Plant Establishment.

S-214.04.1--Plant Establishment and Maintenance. When an area is seeded or top seeded, with or without the addition of mulch, growth or coverage shall be considered acceptable when a satisfactory stand and growth of in season plantings have sufficiently covered the area seeded to provide ample erosion protection exclusive of any protective cover provided by the mulch. It shall be the responsibility of the Contractor that the seed planted has produced a living and growing vegetative cover at the time of acceptance.

Plant establishment and maintenance shall consist of the necessary protection of the seeded or top seeded areas and other operations of maintenance including watering, weeding, mowing, repairing, and reseeding or all areas damaged or eroded as a result of the Contractor's operations, negligence or by normal rains or storms.

Inspection for overall project acceptance will not be made until a minimum period of thirty (30) days has elapsed after the final planting of seed.

S-215 -- Mulching

S-215.01--Description. This work shall consist of furnishing, transporting, placing, and anchoring vegetative mulch on slopes, shoulders, and other areas indicated on the plans, or designated.

MATERIALS

S-215.02--Material Requirements. The vegetative materials for mulch shall meet the requirements of S-715.05.

It is intended that Type I Vegetative Materials shall be used when available. When it is determined by the Engineer that Type I Vegetative Material is not reasonably available, Type II Vegetative material will be permitted as provided in S-715.05.

Bituminous material for mulch shall be Emulsified Asphalt, Grade SS-1, meeting the requirements of S-702.07.

S-215.03--Equipment. Mulching equipment shall be capable of maintaining a constant air stream which will blow or eject controlled quantities of mulch in a uniform pattern. If asphalt is used, a jet or spray nozzle for applying uniform, controlled amounts of asphalt to the vegetative material as it is ejected shall be located at or near the discharge spout.

Mulch stabilizers shall consist of dull blades or disks without camber and approximately 20 inches in diameter. The disks shall be notched, shall be spaced at approximately 8 inches and shall be equipped with scrapers. The stabilizer weight shall be approximately 1000 - 1100 pounds, shall have a working width of no more than 8 feet, and shall be equipped with a ballast compartment so that, when directed, weight can be increased.

CONSTRUCTION REQUIREMENTS**S-215.04--Construction Details.**

S-215.04.1--Placement of Vegetative Mulch. Mulching shall be placed uniformly on designated areas within 24 hours following seeding unless weather conditions are such that mulching cannot be performed. Placement shall begin on the windward side of areas and from tops of slopes. In its final position the mulch shall be loose enough to allow air to circulate but compact enough to partially shade the ground and reduce erosion.

The baled material shall be loosened and broken thoroughly before it is fed into the machine to avoid placement of unbroken clumps.

S-215.04.2--Rates of Application and Anchoring Mulch. The rate of application of vegetative mulch should be within the limits of one (1) to three (3) tons per acre. The mulch shall be anchored by either the use of a mulch stabilizer or by tacking with bituminous material as directed by the Engineer. If bituminous material is used, the rate of application shall be 90 to 150 gallons per ton of vegetative material. If a mulch stabilizer is used, the mulch shall be punched into the soil for a minimum depth of 1 inch.

Where steep slopes or soil conditions are such that anchoring cannot be performed satisfactory with a mulch stabilizer the Engineer will require that bituminous material be applied at the time or immediately following the mulch placement. When mulch stabilizers are used, anchoring the mulch shall be performed along the contour of the ground surface. As the work progresses, the Engineer will determine the actual rate of application of the vegetative mulch and the bituminous material (if used) on each area not to exceed three acres. For vegetative

mulch, a tolerance of fifteen (15) percent will be permitted without correction. For bituminous material (if used), a tolerance of ten (10) percent will be permitted without correction. Areas deficient in application by more than these amounts shall be corrected by reapplication in a manner approved by the Engineer. In the event an excess of vegetative material has been placed in a quantity deemed by the Engineer to be undesirable, the Contractor shall remove and replace all material placed on that area at no additional cost to the project.

S-215.05--Protection and Maintenance. The Contractor shall maintain and protect mulched areas until final acceptance of the project. He shall take every precaution to prevent unnecessary foot and vehicular traffic and shall repair and restore immediately any displacement of mulch without extra compensation.

At appropriate times determined by the Engineer, the Contractor shall mow or otherwise remove or destroy all undesirable growth on all areas mulched to prevent competition with the desired plants and to prevent reseeding of undesirable growth. All mowing shall be a part of protection and maintenance.

S-226 – Solid Sodding

S-226.01--Description. This work shall consist of furnishing, transporting, and planting approved grass sod in accordance with the plans and these specifications. This work shall also include plant establishment as specified and required to assure satisfactory growth of the solid sod.

MATERIALS

S-226.02--Material Requirements. Unless otherwise specified, solid sod shall be bermuda (common), or other approved sod species and shall be live, fresh, growing grass with at least one and one-half inches of soil adhering firmly to the roots when placed. The sod shall be reasonably free from obnoxious weeds or other grasses, and shall not contain any matter deleterious to its growth, or which might affect its subsistence or hardiness when transplanted. The sod shall be in strips or blocks at least eight inches by eight inches and reasonably free from ragged edges.

All sod shall be harvested from areas where the topsoil is fertile, and the areas shall have been grazed or mowed sufficiently to form a dense turf. After approval, the area from which the solid sod is to be harvested shall be closely mowed and raked, if deemed necessary, to remove excessive top growth and debris.

When specified, the solid sod material shall be the kind specified, nursery grown, healthy, free from damage, and free from obnoxious weeds and grasses. The nursery grown sod shall be in blocks at least eight inches by eight inches by one inch and reasonably free of ragged edges.

All solid sod materials shall be approved by the Engineer prior to transplanting. Fertilizer used in the construction shall be in accordance with S-212.

CONSTRUCTION REQUIREMENTS S-226.03--Construction Details.

S-226.03.1--Procuring and Handling Sod. Approved sod cutters shall be used for cutting the sod into strips or blocks. Care shall be exercised at all times to retain the native soil on the roots of the sod during the process of excavating, hauling, and planting.

The sod shall be transplanted within twenty-four (24) hours after arriving on the project, unless it is stacked in a manner satisfactory to the Engineer. All sod in stacks shall be kept moist and protected from exposure to the wind and sun and from freezing. In no event shall more than three days elapse between the cutting and planting of the sod.

S-226.03.2--Grading of the Area to Receive Solid Sodding. Prior to ground preparation for solid sodding, all excavating, shaping, and dressing shall have been completed in such a manner that the foundation for the sod has the proper cross section, line, and grade and so that the sod after placement will be flush with or slightly below the adjacent final ground line.

S-226.03.3--Ground Preparation and Fertilizing. After the area has been graded as required, the specified types and quantities of fertilizers shall be uniformly spread and then incorporated by standard ground preparation in accordance with S-212. The prepared area shall be at an approved moisture content and shall present a smooth, uniform surface with reasonably close conformity to the specified line, grade, and cross section. After approval by the Engineer of the prepared and fertilized area, sodding shall follow immediately.

S-226.03.4--Planting Sod. The sod shall be placed on the prepared surface with edges in close contact and starting at the lowest point and working upward. Cracks between blocks of sod shall be filled with small pieces of fresh sod, and all cracks too small for sod shall be filled by a light dressing of approved soil. The entire sodded area shall then be compacted and watered to the satisfaction of the Engineer. Light rollers, hand tamps, or other approved equipment shall be used for compacting.

On areas which the Engineer deems that the sodding might slide due to the height and slope of the surface or nature of the soil, the sod shall be "pegged" with wooden pegs driven through the sod blocks into firm earth. Pegs shall be at intervals deemed suitable to hold the sod in place.

S-226.03.5--Limitations. Solid sodding shall be performed only when weather and soil conditions are deemed by the Engineer to be suitable for proper placement.

S-226.04--Plant Establishment. Plant establishment shall consist of preserving, protecting, replacing, watering, mowing, and other work necessary to keep the sod in a satisfactory condition at all times until final acceptance.

A satisfactory growth of solid sodding shall be understood to mean a healthy, living, and growing grass turf which has been planted on an approved prepared foundation and has been maintained in accordance with the requirements of these specifications.

S-227 – Excelsior Blanket

S-227.01--Description. This work shall consist of furnishing, placing, and maintaining excelsior blanket on seeded, or other designated areas in accordance with the requirements shown on the plans and these specifications.

MATERIALS

S-227.02--Material Requirements. The excelsior blanket shall meet the requirements of S-715.09.2.

CONSTRUCTION REQUIREMENTS

S-227.03--Construction Details. The area to be covered shall be prepared, fertilized, and vegetated before the blankets are placed. Immediately following the planting operations, the blankets shall be laid evenly, smoothly, and in contact with the soil throughout and with the fabric net on top of the blankets. Asphalt-coated mulch should be omitted from all areas receiving the excelsior blanket.

In ditches, the blankets shall be unrolled in the direction of water flow. When two or more strips are required to cover a ditch area, they shall overlap a minimum of four inches with the upgrade width on top. In case a strip is spliced lengthwise, the edges of the strips shall overlap a minimum of six inches with the upgrade section on top.

When used on slopes, the blankets may be placed either horizontally or vertically on the slope with the edges and ends of adjacent strips butted tightly against each other.

Each strip shall be stapled in three rows (each edge and center with the center row alternately spaced) with staples spaced not more than four feet longitudinally. When using two or more strips side by side on slopes, a common row of staples shall be used on the adjoining strips to secure the outside netting strand of each strip. Ends of strips shall be stapled at one foot intervals. Staples shall be firmly embedded in the underlying soil.

S-227.04--Protection and Maintenance. The Contractor shall maintain and protect the excelsior blankets until final acceptance or until the Engineer has determined that the blanket has served its useful life, whichever occurs first. Maintenance shall consist of repairs necessitated by erosion, wind, fire, or other cause.

S-231 – Erosion Control Fabric

S-231.01--Description. This work shall consist of furnishing, placing, and maintaining erosion control fabric on seeded or other designated areas in accordance with the requirements of the plans and these specifications.

MATERIALS

S-231.02--Materials. The erosion control fabric shall consist of a flexible knitted construction of high strength degradable yarn with uniform openings interwoven with strips of biodegradable paper and meeting the following requirements:

Width - 48 inch minimum

Weight - 0.2 pounds per square yard (approximate)

Staples for securing the fabric in place shall be "U" shaped, made from eleven (11) gage or heavier steel wire, have a width one to two inches at the throat, and be a minimum of six inches from top to bottom after bending.

For erosion control fabric, the Contractor shall forward to the Engineer three copies of the manufacturer's certification for each shipment of the fabric stating the number of rolls furnished, and that the material complies with the requirements of the specifications.

For staples, the Contractor shall forward to the Engineer three copies of the manufacturer's or distributor's certification showing the wire size for each shipment of staples.

The certifications by the manufacturer or distributor will be prima facie evidence of the materials meeting the above requirements. All erosion control fabric and staples will, however, be subject to approval by the Engineer.

CONSTRUCTION REQUIREMENTS

S-231.03--Construction Requirements. The areas to be covered shall be prepared, fertilized, and vegetated as specified before the fabric is installed. The mulch material shall be omitted from areas receiving the fabric. Immediately following the planting operation, the fabric shall be installed by unrolling it in the direction of water flow and draping it loosely, without folds or stretching, so that continuous ground contact is maintained. The ends of the fabric at the beginning and end of each area to be covered shall be folded and placed in an anchor trench at least four inches deep, and stapled in the trench on approximately twelve (12) inch centers, backfilled, and tamped.

When two or more strips are required to cover an area, they shall overlap a minimum of four inches. In case a strip is to be spliced lengthwise, the edges of the strips shall overlap a minimum of six inches with the upgrade section on top. Each strip shall be stapled in three rows (each edge and center with center row alternately spaced) with staples spaced not more than four feet longitudinally. The ends of all strips spliced lengthwise shall be stapled at one foot intervals across the entire width of the fabric.

Where heavy concentrations of water or extremely erodible soil conditions exist, erosion checks shall be installed at 50 foot intervals as directed by the Engineer. Erosion checks shall be a row of staples 12 inches on center across the width of the fabric perpendicular to the flow line.

All staples shall be firmly embedded in the underlying soil.

S-231.04--Protection and Maintenance. The Contractor shall maintain and protect the erosion control fabric until final acceptance or until the Engineer has determined that the fabric has served its useful life, whichever occurs first. Maintenance shall consist of repairs made necessary by erosion, wind, fire or any other cause.

S-232 – Geotextile Fabric Stabilization

S-232.01--Description. This work consists of furnishing and installing geotextile fabric for stabilization of embankments and subgrades as shown in the plans and in conformance with these specifications.

S-232.02--Material. The fabric and incidental materials for this work shall meet the requirements of S-714.13.

S-232.03--Construction Details. A subgrade which is to receive geotextile fabric shall be shaped and compacted to a smooth finish and free of loose material and sharp objects. An embankment site shall be cleared and graded to establish a relatively smooth surface. Trees and stumps are to be cut off at ground line and sawdust or sand placed over these areas to provide a cushion for the fabric.

The fabric shall be placed as smooth as possible and free from tension, stress, folds, wrinkles or creases.

Where more than one layer of fabric is required, all joints of the bottom layer shall be sewn to develop the required fabric strength perpendicular to the joint. The top layer and single layer installations of fabric may be overlapped a minimum of two feet at each joint or sewn.

Fabrics which weigh less than eight ounces per square yard shall be factory or field sewn with a "J" type seam. Heavier weight fabrics shall be factory sewn with two parallel bag type seams approximately one-fourth inch apart or field sewn with an additional seam zigzagged across the two parallel seams.

Securing pins with washers shall be inserted along a line through the midpoint of any overlap or sewn seam at intervals required by the Engineer to prevent movement of the fabric until covered.

The subsequent course of material shall be back-dumped in such a manner as to avoid damage to the underlying fabric. No equipment will be allowed to operate over the fabric until it is covered with a layer of material of sufficient thickness to protect the fabric installation. When the underlying soil is very unstable, the two outer one-third portions of an embankment layer shall be placed approximately 25 feet in advance of the center one-third portion to prevent excessive mudwave movements and damage to the fabric installation.

The Contractor shall provide equipment necessary for placing the fabric.

S-233 – Temporary Silt Fence

S-233.01--Description. This work shall consist of furnishing, constructing, maintaining, and removing a water permeable filter type of fence for the purpose of removing suspended soil particles from the water passing through it in accordance with the requirements shown on the plans and these specifications.

The quantity of temporary silt fence to be installed will be affected by the actual conditions which occur during the construction of the project.

The quantities for temporary silt fences, when shown in the contract, are estimated for bidding purposes only, and these quantities may be varied dependent upon actual needs for the specific purpose designated.

MATERIALS

S-233.02--Material Requirements. The fabric and incidental materials for this work shall meet the requirements of S-714.13.

S-233.02.1--Posts. Steel posts shall have projections for fastening the wire to the fence.

S-233.02.2--Filter Fabric. The filter fabric shall be composed of strong rot-proof synthetic fibers formed into a fabric of either the woven or unwoven type. Either type of fabric shall be free of any treatment or coating which might significantly alter its physical properties after installation. The fabric shall contain stabilizers and/or inhibitors to make the filaments resistant to deterioration resulting from exposure to sunlight or heat. The fabric shall be a pervious sheet of synthetic fibers oriented into a stable network so that the fibers retain their relative position with respect to each other.

The edges of the fabric shall be finished to prevent the outer yarn from pulling away from the fabric. The fabric shall be free of defects or flaws which significantly affect its physical and/or filtering properties. Sheets of fabric may be sewn or bonded together. No deviation from any physical requirements will be permitted due to the presence of the seam.

During all periods of shipment and storage, the fabric shall be wrapped in a heavy duty protective covering which will protect the cloth from sunlight, mud, dust, dirt and debris. The fabric shall not be exposed to temperatures greater than 140°F.

S-233.02.3--Identification. Each roll of fabric or container shall be visibly labeled with the name of the manufacturer, type of fabric or trade name, lot number and quantity of material.

S-233.02.4--Certification. The Contractor shall furnish to the Engineer three copies of the Manufacturer's certified test report(s) showing results of all required tests and certification that the material meets the specifications. Also forward three copies of the manufacturer's or distributor's certification showing the wire size for each shipment of staples.

CONSTRUCTION REQUIREMENTS

S-233.03--General. Silt fences shall be constructed at the locations shown on the plans or as directed by the Engineer.

All posts shall be installed so that no more than three feet of the post protrude above the ground. Extra post for bracing shall be installed as directed by the Engineer. The wire shall be fastened to the posts with wire or other

approved means. The fabric shall be attached to the wire fence with wire or other approved means. The bottom edge of the fabric shall be buried 6 inches below ground surface to prevent undermining. When splicing of the fabric is necessary, two posts shall be installed approximately 18 inches apart and each piece of fabric shall be fastened to both posts.

At the time of or during installation, the fabric will be rejected if it has defects, rips, holes, flaws, deterioration or damage incurred during manufacturing, transporting, storage or installation.

S-233.04--Maintenance and Removal. The Contractor shall maintain the silt fence and shall remove and replace when deteriorated to such extent that it is no longer effective. The Contractor shall remove accumulated siltation when sediment reaches one half the fence height.

Unless otherwise specified, all silt fences shall be removed. Upon removal, the Contractor shall remove and dispose of excess silt accumulations, dress the area to give a pleasing appearance and vegetate all bare areas in accordance with contract requirements. The fence materials will remain the property of the Contractor and may be used at other locations provided the materials are acceptable to the Engineer.

S-235 – Temporary Erosion Checks

S-235.01--Description. This work consists of furnishing, constructing and maintaining baled hay or straw erosion checks for the retention of soil along the toe of fill slopes, around inlets, swale areas, small ditches, sediment basins and other areas as directed by the Engineer in accordance with the requirements shown on the plans and these specifications. Also, the work includes removing and disposing of the erosion checks and silt accumulations as directed by the Engineer.

S-235.02--Materials. Approved baled hay or straw material (Type I or II) shall be rectangular in shape with a minimum length of 32 inches and shall meet the requirements of S- 715.05. The wooden stakes used in securing the baled material in place shall be approximately 2" x 2" x 34" meeting the approval of the Engineer.

S-235.03--Construction Requirements.

S-235.03.1--General. The erosion checks shall be constructed at the locations and according to the requirements shown on the plans or as directed by the Engineer. Erosion checks required along the toe of fill slopes shall be constructed prior to grading operations at the site. For other locations, the erosion checks shall be constructed when directed by the Engineer.

The soil shall be excavated at least three inches in depth to embed the baled material. After securing in place, a sufficient quantity of the excavated material shall be placed around the erosion check and compacted to prevent undermining.

S-235.03.2--Maintenance and Removal. The Contractor shall maintain the erosion checks and remove and dispose of silt accumulations that reach 1/2 the bale height or as directed by the Engineer. When the erosion checks are no longer needed, they shall be removed; and the Contractor shall dispose of silt accumulations and treat the disturbed areas in accordance with the contract requirements.

Section S-907-237 -- Wattles

907-237.01 --Description. This work consists of furnishing, constructing and maintaining wattles for the retention of soil around inlets, swale areas, small ditches, sediment basins and other areas as necessary. Also, the work includes removing and disposing of the wattles and silt accumulations.

Measurement and payment for wattles will be made only when a pay item is included in the bid schedule of the proposal. The quantity is estimated for bidding purposes only and will be dependent upon actual conditions which occur during construction of the project.

907-237.02--Materials. Wattles used around inlets shall have a minimum diameter of twelve inches (12") and a length adequate to meet field conditions. Wattles used at other locations shall have a minimum diameter of twenty inches (20") and a length adequate to meet field conditions. The stakes used in securing the wattles in place shall be placed approximately three feet (3') apart throughout the length of the wattle. Stakes shall be wooden and of adequate size to stabilize the wattles to the satisfaction of the Engineer.

In addition to the requirements of these specifications, wattles shall be listed on the Department's "Approved Sources of Materials".

907-237.03--Construction Requirements.

907-237.03.1--General. The wattles shall be constructed at the locations and according to the requirements shown on the erosion control plan.

907-237.03.2--Maintenance and Removal. The Contractor shall maintain the wattles and remove and dispose of silt accumulations.

When the wattles are no longer needed, they shall be removed and the Contractor shall dispose of silt accumulations and treat the disturbed areas in accordance with the contract requirements.

S-304 – Granular Courses

S-304.01--Description. This work shall consist of furnishing granular materials and the construction of one or more courses of subbase, base, shoulders, or other required construction on a prepared foundation in reasonably close conformity with the lines, grades, and cross sections shown on the plans or established by the Engineer.

MATERIALS

S-304.02--Material Requirements. Unless otherwise specified, materials used on this work shall conform to the requirements of S-703.07.

General conditions governing the use of materials shall be as set out under S-106.

CONSTRUCTION REQUIREMENTS

S-304.03--Equipment. When measurement for payment is to be made by the ton, the Contractor shall use approved platform scales capable of weighing the entire loaded vehicle. Scales and their use shall be in accordance with the requirements set out in S-401.03.2.1.11, except they shall be installed at an approved location on or near the project.

Rollers shall be of sufficient number, type, size, and weight to accomplish the required compaction.

Watering equipment shall be pressurized, have spray bars with suitable nozzle openings, and have controls for applying varying quantities of water.

S-304.04--Production of Materials.

S-304.04.1--General. If payment is to be made from cross section (FM) measurements, the Contractor shall not begin excavation in a pit until after the Engineer has taken the necessary cross sections. The Contractor shall be fully responsible for all material in the pit and shall protect the material from use or disposal for any reason other than for work included in the contract. He shall make good to the satisfaction of the Board of Supervisors and State Aid Engineer for all loss or unauthorized use of material.

Prior to beginning mining operations, all necessary clearing and grubbing and stripping of the pit area shall have been performed to the satisfaction of the Engineer.

S-304.04.2--Mining and Mixing. Mining and mixing shall be carried out so that all material meets the specified requirements for gradation, liquid limit, and plasticity index.

Mining and mixing shall be begun by opening the deposit in a manner that will immediately expose the full face of the material. Except as otherwise permitted herein, mining and mixing shall ordinarily consist of a combination of excavating and mixing the material in such a manner that the material meets the specified requirements.

All pit operations shall be confined to daylight hours, except when otherwise permitted.

Inspection of material as mined, mixed, and loaded from the pit will be made, and all obviously unsatisfactory material will be rejected. However, inspection or permission by the Engineer to produce material from any portion of a deposit will not relieve the Contractor of his responsibility to produce a satisfactory blend of material meeting the specified requirements.

When the Contractor elects, with the authorization of the Engineer, to combine two or more materials or to process a single material to provide that specified, all combining or processing shall be performed at the Contractor's expense. The sampling and testing and the cost thereof to control the necessary proportioning and processing will be the responsibility of the Contractor.

S-304.05--Preparation of Grade. The foundation on which granular material is to be placed shall be prepared as set out in S-205. A section of prepared roadbed of sufficient length to allow time for inspection, test, necessary corrections, and approval shall be maintained at all times ahead of placing material.

S-304.06--Placing of Materials. The Contractor shall be responsible for furnishing a material that meets the requirements of the contract and in such quantity to produce the specified compacted thicknesses. All material placed in excess of the tolerances allowed (See S-304.08.1) shall be removed and placed at other approved locations, or removed and hauled off the project without compensation.

If the compacted thickness of a course is to be more than eight inches, the course shall be constructed in two or more layers of approximately equal thickness, and the compacted thickness of a single layer shall not exceed eight inches.

No granular materials shall be placed while frozen or placed on frozen materials.

When the Engineer determines that in-place material, including the top portion of the design soil, is wet to the degree that there is a possibility of rutting, deforming, or displacing the underlying material, the hauling operation shall be suspended.

The Contractor shall produce such material as is necessary to correct any deficiencies in gradation, liquid limit and plasticity index and shall reprocess as necessary to make such corrections or shall remove and replace, without additional compensation, any deficient material placed in the work. In all cases of correcting deficiencies on the roadbed, the Contractor shall be fully responsible for any damage to the underlying course(s) and other work.

S-304.07--Blending. As soon as practicable after the material has been initially shaped, the entire volume of material for the course or layer being placed shall be processed and blended by blading in such a manner and as many times as necessary to produce a course visually uniform in gradation, color, liquid limit, and plastic limit. Care shall be exercised during the blending process to prevent contamination with underlying material. The Contractor shall be fully responsible for damage to or contamination with underlying or other unlike material and shall make the corrections deemed necessary without additional compensation. The requirement for blending will not be waived by the Engineer, and required mixing or further processing under subsequent items of work will not relieve the Contractor from the complete performance of blending as specified in this subsection, except for shoulders as follows:

When granular material is required to be placed adjacent to pavement in place, blending in place will not be required. Blending shall be performed to the satisfaction of the Engineer prior to placement of the material on shoulders.

S-304.08--Shaping, Compacting, and Finishing. Each course or layer of material shall be shaped to the required section, watered or aerated as necessary to produce the required moisture content, and compacted. Throughout the compaction operation, the shape of the course or layer shall be maintained by blading and rolling so that the aggregates are uniformly distributed and firmly keyed.

Shaping and compaction shall be carried out in a manner that will prevent lamination and shall continue until the entire depth and width of the course or layer has reached the required density. Surface compaction and finishing shall be performed so as to produce a smooth, closely knit surface that is free from lamination, cracks, ridges or loose material. The finished surface shall conform (within allowable tolerances) to the required section and established lines and grades.

Prior to subsequent construction or final acceptance all irregularities, depressions, soft spots, and other deficiencies found by the Engineer shall be corrected to meet the requirements of these specifications without additional compensation.

If the mixture contains plus No. 4 aggregate and the course is to serve as a base for bituminous pavement, after compaction and finishing at least one complete coverage shall be made with a steel wheel tandem roller. The resulting surface shall be sprinkled as necessary to maintain the required moisture content and shall be thoroughly compacted and sealed with a pneumatic roller.

Crushed stone shall be placed in layers not to exceed four (4) inches compacted depth and shall conform to the density requirements stated.

In addition to the requirements for density and correction of deficiencies, the Contractor shall be responsible for constructing and maintaining a course which will remain firm and stable under construction equipment and other traffic to which the course will be subjected.

Density tests will be performed in accordance with the methods as provided in S-700.03 and S-700.04.

Determination of acceptance of compaction of granular courses for required density will be performed on a lot to lot basis. Each lot will be each 2,500 linear feet per layer placed. At the discretion of the Engineer, a residual portion of a lot completed during a day's operation may be considered as a separate lot or may be included in the previous or the subsequent lot, except that any day's operation of less than one full lot will be considered a lot.

The lot will be divided into five approximately equal sublots with one density test taken at random in each sublot. The individual tests and the average of the five tests shall equal or exceed the values as shown in the table below.

Granular Material (Class)	Lot Average	Individual Test
7,8,9 or 10	97.0	93.0
5 or 6	99.0	95.0
3 or 4	100.0	96.0
1 or 2	102.0	98.0
Crushed Stone Courses	99.0	95.0

When pavement is not required, the required density for the top course will be as shown in the table below.

Granular Material (Class)	Lot Average	Individual Test
10	94.0	90.0
7,8 or 9	95.0	91.0
5 or 6	96.0	92.0
3 or 4	97.0	93.0
1 or 2	98.0	94.0
Crushed Stone Courses	96.0	92.0

No density tests will be required for granular or crushed stone courses used for temporary work such as maintaining temporary ramps and driveways.

A finished course shall be continually maintained until a subsequent course is placed thereon or the work is released from maintenance.

S-304.08.1--Tolerances for Subbase & Base Course: It shall be understood that although certain tolerances in grade, cross section, and density are allowable under the specifications, it shall be the Contractor's responsibility to prepare the surface of all in-grade courses to the degree of true grade and cross section and to the density and stability necessary to insure his ability to construct subsequent courses to the specified requirements for surface, thickness, and compaction. It is essential in pavement structure construction that the degree of accuracy must be increased for each succeeding course in order that the final surface requirements can be met and the thickness of each course will be within design tolerances. It shall be the Contractor's responsibility to construct each course to the degree of accuracy, maximum allowable tolerances notwithstanding, necessary to insure meeting final requirements.

No vertical tolerances will be allowed which will pond water. Otherwise, allowable tolerances will be as follows:

Tolerances from Design Grade

<u>Subbase</u>		
(a)	Where the subbase is not to be treated in place	$\pm 1 / 2$ inch
(b)	Where the subbase is to be either mechanically stabilized or treated before stabilization or treatment	± 1 inch
(c)	After Treatment inch	$\pm 1 / 2$ inch
<u>Base</u>		
(a)	Where the base is not to be treated	$\pm 3 / 8$ inch
(b)	Where the base is to be either mechanically stabilized or treated before stabilization or treatment	$\pm 1/2$ inch
(c)	After Treatment	$\pm 3 / 8$ inch

S-320 -- Shoulders

S-320.01--Description. This work shall consist of constructing the shoulder portion of courses specified to be constructed; the shaping, compacting, finishing, and surfacing, if required, of the shoulder portion of the work in reasonably close conformity with the required lines, grades, and cross sections; and the construction and establishment of erosion control items specified for the shoulder portion of the work. All work shall conform to the sequence and timing indicated herein and to the other applicable requirements of the contract.

This work shall also include preservation from injury or damage to and repair and reconstruction of, if necessary, underlying courses and other elements of the pavement structure. Except as otherwise specified, construction of shoulders shall also include reshaping, finishing, and mowing of cut ditches, foreslopes, and upper embankment slopes adjacent to shoulders. Areas to receive this work shall include the areas between the finished shoulder line and the same elevation at the back of the ditch in cut sections and the areas on fill slopes between the finished shoulder line and a line ten (10) feet horizontally outside the finished shoulder line. Similar areas in the median portion of divided highways shall also be reshaped and finished.

S-320.02--Materials. Materials used in constructing shoulders shall meet the applicable requirements of S-700.

S-320.03--Construction Details. Except as otherwise specified, the construction of each course of the shoulders shall be in accordance with controlling requirements for subbases and bases constructed of like material.

Shoulder construction shall begin at the earliest practicable time and proceed in the proper sequence with contiguous subbase, base, or pavement construction. Each designated course for shoulders shall be constructed to the established lines, grades, and cross sections within tolerances allowed and shall be firm and stable.

Determination of acceptance of compaction of shoulders for required density will be performed on a lot to lot basis. Each lot will consist of each day's operation per layer placed, with a maximum lot length of 10,000 linear feet.

The lot will be divided into five approximately equal sublots with one density test taken at random in each subplot. The lot average and each single density test shall conform to the required density.

The required density for the shoulder portion of any layer or course shall be the same as for the adjacent (internal) portion of the layer or course when constructed of the same material.

The required density for the shoulder portion of any layer or course where the adjacent (internal) portion is of unlike material shall be as follows:

Granular Material	Lot	Individual
<u>Class</u>	<u>Average</u>	<u>Test</u>
10	94.0	90.0
7,8 or 9	95.0	91.0
5 or 6	96.0	92.0
3 or 4	97.0	93.0
1 or 2	98.0	94.0

except,

- (a) When the finished shoulder is required to be paved, the required density for such shoulder course shall be that required for the same material for bases, and
- (b) Where an existing pavement is to be overlaid, or widened and overlaid, without shoulder widening, and the existing shoulder is to be raised to match the new pavement, satisfactory density of each layer of new shoulder material shall be that which can be obtained from six coverages of a pneumatic roller with an operating weight of approximately six tons while the shoulder material is at the proper moisture content.

In cases of base or pavement in which portland cement is used as a material of construction, shoulder construction shall follow immediately upon expiration of the curing period, unless it has been otherwise provided that the shoulder course be constructed in advance of the contiguous course.

The rate of progress for each phase of shoulder construction shall be consistent with the rate of progress of the controlling construction. When the Engineer deems that other operations are being carried on to the unnecessary neglect of shoulder construction, the Engineer may suspend the operations in progress and order that shoulder construction be brought up to and then continued, without prejudice to other work, in the proper sequence.

SECTION S-401 - PLANT MIX PAVEMENTS (HMA) - GENERAL

S-401.01--Description. These specifications include general requirements that are applicable to all types of HMA along with the specific requirements for each particular mixture when deviations from the general requirements are necessary.

This work consists of the construction of one or more lifts of HMA in accordance with these specifications and the specific requirements for the mixture to be produced and in reasonably close conformity with the lines, grades, thicknesses and typical sections shown on the plans or established by the Engineer.

S-401.01.1--Definitions.

Maximum Sieve Size - Maximum sieve size is the smallest sieve size at which 100 percent of the aggregate passes.

Nominal Maximum Sieve Size -The nominal maximum sieve size is one sieve size larger than the first sieve to retain more than 10 percent of the aggregate.

Maximum Density Line - The maximum density line is a straight line plot on the FHWA 0.45 power gradation chart which extends from the zero origin point of the chart through the plotted point of the combined aggregate gradation curve on the nominal maximum sieve size.

Mechanically Fractured Face - An angular, rough, or broken surface of an aggregate particle created by crushing as determined by ASTM Designation: D 5821.

S-401.02--Materials.

S-401.02.1--Component Materials.

S-401.02.1.1--General. Component materials will be conditionally accepted at the plant subject to later rejection if incorporated in a mixture or in work which fails to meet contract requirements.

S-401.02.1.2--Aggregates. The source of aggregates shall meet the applicable requirements of S-703.

S-401.02.1.2.1--Coarse Aggregate Blend. Mechanically fractured faces by weight of the combined mineral aggregate coarser than the No. 4 sieve:

<u>Mixture</u>	<u>Percent Fractured Faces, minimum</u>
25 mm	70 (one face)
19 mm*	80 (one face)
12.5 mm	90 (two face)
9.5 mm	90 (two face)
4.75 mm	90 (two-face)

*When used on routes requiring polymer modified asphalt, the top intermediate lift (19 mm mixture), including travel lane and adjacent lane, shall have at least 90 percent two fractured faces minimum.

The maximum percentage by weight of flat and elongated particles, for all mixes other than 4.75 mm, maximum to minimum dimension greater than 5, shall not exceed 10% for all mixtures. This shall be determined in accordance with ASTM Designation: D 4791, Section 8.4, on the combined mineral aggregate retained on the 3/8" sieve.

S-401.02.1.2.2--Fine Aggregate Blend. Of all the material passing the No. 8 sieve and retained on the No. 200 sieve, not more than 60 percent shall pass the No. 30 sieve.

Uncrushed natural sand shall pass the 3/8" sieve and may be used, excluding the content in RAP, in the percentages of the total mineral aggregate by weight set out in the following table:

Mixture	Maximum Percentage of Natural Sand by Total Weight of Mineral Aggregate		
	HT	MT	ST
25 mm	10	10	20
19 mm	10	10	20
12.5 mm	10	10	20
9.5 mm	10	10	10
4.75 mm	25	30	35

S-401.02.1.2.3--Combined Aggregate Blend.

Design Master Range

Mixture:	25 mm	19 mm	12.5 mm	9.5 mm	4.75 mm
Nominal Maximum Sieve Size:	1 inch	3/4 inch	1/2 inch	3/8 inch	1/4 inch
Sieve Size	Percent Passing				
1-1/2 inch	100				
1 inch	90-100	100			
3/4 inch	89 max.	90-100	100		
1/2 inch	-	89 max.	90-100	100	100
3/8 inch	-	-	89 max.	90-100	95-100
No. 4	-	-	-	89 max.	90-100
No. 8	16-50	18-55	20-60	22-70	-
No. 16	-	-	-	-	30-60
No. 200	4.0-9.0	4.0-9.0	4.0-9.0	4.0-9.0	6.0-12.0

For MT and HT mixtures, the combined aggregate gradation of the job mix formula, when plotted on FHWA 0.45 power chart paper, shall fall entirely below the Maximum Density Line on all sieve sizes smaller than the No. 4 sieve. However, MT and HT mixtures having a minimum fine aggregate angularity index of 44.0, per ASTM Designation: C1252, Method A, may be designed above the maximum density line.

The 9.5 mm mixtures shall have a minimum fine aggregate angularity of 44.0 for HT and MT mixtures and 40.0 for ST mixtures when tested on combined aggregate in accordance with ASTM Designation: C1252 Method A. The 4.75 mm mixtures shall have a minimum fine aggregate angularity of 45.0 for all design levels when tested on combined aggregate in accordance with ASTM Designation: C 1252, Method A.

The minus No. 40 fraction of the combined aggregate shall be non-plastic when tested according to AASHTO Designation: T 90. The clay content for the combined aggregate for underlying layers shall not exceed 1.0 percent, and for the top layer shall not exceed

1.5 percent by weight of the total mineral aggregate when tested according to AASHTO Designation: T 88.

S-401.02.1.3--Bituminous--Materials. Bituminous materials shall meet the applicable requirements of Section S-702 for the grade specified.

Tack coat shall be the same neat grade asphalt cement used in the mixture being placed or those materials specified for tack coat in Table 410-A. Emulsified asphalt shall not be diluted without approval of the Engineer.

S-401.02.1.4--Blank.

S-401.02.1.5--Hydrated Lime. Hydrated lime shall meet the requirements of S-714.03.2 for lime used in soil stabilization.

S-401.02.1.6--Asphalt Admixtures. Additives for liquid asphalt, when required or permitted, shall meet the requirements of S-702.08.

S-401.02.1.7--Polymers. Polymers for use in polymer modified HMA pavements shall meet the requirements of S-702.08.3.

S-401.02.2-- Blank.

S-401.02.3--Composition of Mixtures.

S-401.02.3.1--General. Unless otherwise specified or permitted, the HMA shall consist of a mixture of asphalt, aggregate, hydrated lime and, when required or necessary to obtain desired properties, antistripping agent and/or other materials.

The total amount of crushed limestone aggregate for mixtures, excluding 4.75 mm mixtures, when used in the top lift, shall not exceed 50 percent of the total combined aggregate by weight.

Hydrated lime shall be used in all HMA at the rate of one percent (1%) by weight of the total dry aggregate including aggregate in RAP, if used. The aggregate, prior to the addition of the hydrated lime, shall contain sufficient surface moisture. If necessary, the Contractor shall add moisture to the aggregate according to the procedures set out in S-401.03.2.1.2.

The Contractor shall obtain a shipping ticket for each shipment of hydrated lime. The Contractor shall provide the Engineer and the approved Testing Laboratory with a copy of each shipping ticket from the supplier, including the date, time and weight of hydrated lime shipped and used in hot mix asphalt production. An amount equal to twenty-five percent (25%) of the total value of HMA items performed during the initial estimate period in which the Contractor fails to submit the hydrated lime shipping tickets, as required, will be withheld from the Contractor's earned work. Non-conformance with this specification for successive estimate period(s) will result in the total value (100%) of HMA items performed during this period(s) being withheld from the Contractor's earned work. Monies withheld for this non-conformance will be released for payment on the next monthly estimate following the date the submittal of hydrated lime shipping tickets to the Engineer is brought back into compliance with this specification.

Mixtures will require the addition of an antistripping agent when the Tensile Strength Ratio (MT-63) and/or the Boiling Water Test (MT-59) fail to meet the following criteria.

Tensile Strength Ratio (TSR - MT-63)	
Wet Strength / Dry Strength	85 percent minimum Interior Face Coating 95 percent minimum
Boiling Water Test (MT-59)	
Particle Coating	95 percent minimum

Reclaimed asphalt pavement (RAP) materials may be used in the production of HMA in the percentages of the total mix by weight set out in the following table:

HMA Mixture	Maximum percent RAP by total weight of mix
4.75 mm	0
9.5 mm	15
12.5 mm Top Lift	15
12.5 mm Underlying Lift	30
19 mm	30
25 mm	30

During HMA production, the RAP shall pass through a maximum 2-inch square sieve located in the HMA plant after the RAP cold feed bin and prior to the RAP weighing system.

Crushed reclaimed concrete pavement may be used as an aggregate component of all HMA pavements. When crushed reclaimed concrete pavement is used as an aggregate component, controls shall be implemented to prevent segregation. Crushed reclaimed concrete pavement aggregate shall be separated into coarse and fine aggregate stockpiles using the 3/8-in or 1/2-in sieve as a break-point unless otherwise approved by the Engineer in writing.

S-401.02.3.1.1--Mixture Properties.

ALL MIXTURES

Percent of Maximum Specific Gravity (Gmm)

N Design	96.0
N Initial	Less than 90.0
N Maximum	Less than 98.0

VMA CRITERIA

Minimum percent

Mixture	
25 mm	12.0
19 mm	13.0
12.5 mm	14.0
9.5 mm	15.0
4.75 mm	16.0

Mixtures with VMA more than two percent higher than the minimum may be susceptible to flushing and rutting; therefore, unless satisfactory experience with high VMA mixtures is available, mixtures with VMA greater than two percent above the minimum should be avoided.

The specified VFA range for 4.75 mm nominal maximum size mixtures for design traffic levels >3 million ESAL’s (HT Mixtures) shall be 75 to 78 percent, for design traffic levels of 1.0 to 3 million ESAL’s (MT mixtures) 65 to 78 percent, and for design traffic levels of <1.0 million ESAL’s (ST mixtures) 65 to 78 percent.

DUST/BINDER RATIO for 4.75 mm mixtures

Percent Passing No.200 / Effective Binder Percent 0.9 to 2.0

DUST/BINDER RATIO for 9.5 mm, 12.5 mm, 19 mm & 25mm mixtures Percent Passing No.200 / Effective Binder

Percent 0.8 to 1.6

S-401.02.3.2--Job Mix Formula. The job mix formula shall be established in accordance with Mississippi Test Method: MT-78, where N represents the number of revolutions of the gyratory compactor.

Compaction Requirements:	N _{Initial}	N _{Design}	N _{Maximum}
High Type (HT) Mixtures			
19 mm, 12.5 mm, 9.5 mm & 4.75 mm	7	85	130
Medium Type (MT) Mixtures			
19 mm, 12.5 mm, 9.5 mm & 4.75 mm	7	65	100
All Standard Type (ST) Mixtures; 25 mm HT & MT Mixtures	6	50	75

At least 15 working days prior to the proposed use of each mixture, the Contractor shall submit in writing to the Engineer a proposed job-mix formula or request the transfer of a verified job-mix formula. The job-mix formula shall be signed by a Certified Mixture Design Technician (CMDT).

The approved laboratory shall perform the tests necessary for review of a proposed job-mix formula or transfer for each required mixture.

Review of the proposed job-mix formula will be based on percent maximum specific gravity at N_{Initial}, N_{Design}, and N_{Maximum}, VMA @ N_{Design}, resistance to stripping, and other criteria specified for the mixture.

The mixture shall conform thereto within the range of tolerances specified for the particular mixture. No change in properties or proportion of any component of the job-mix formula shall be made without permission of the Engineer. The job-mix formula for each mixture shall be in effect until revised in writing by the Engineer.

A job-mix formula may be transferred to other contracts in accordance with conditions set forth by the Engineer.

The Contractor shall not place any HMA prior to receiving “tentative” approval from the Engineer.

When a change in source of materials, unsatisfactory results or changed conditions make it necessary, a new job-mix formula will be required. The conditions set out herein for the original job-mix formula are applicable to the new job-mix formula.

S-401.02.4--Substitution of Mixture. The substitution of a one (1) size finer mixture for an underlying lift shall require written permission of the Engineer, except no substitution of a 4.75 mm mixture will be allowed. A 9.5 mm mixture may be substituted for the 12.5 mm mixture designated on the plans as the top lift or pre-leveling. The 19 mm mixture may be substituted for the 25 mm mixture in trench widening work. Any substitution of mixtures shall be of the same type. No

other substitutions will be allowed. The quantity of substituted mixture shall be measured and paid for at the contract unit price for the mixture designated on the plans. The substitution of any mixture will be contingent on meeting the required total structure thickness and maintaining the minimum and/or maximum laying thickness for the particular substituted mixture as set out in the following table.

Mixture	Single Lift Laying Thickness Inches	
	Minimum	Maximum
25 mm	3	4
19 mm	2 ½	3 ½
12.5 mm	1 ½	2 ½
9.5 mm	1	2
4.75 mm	½	1 ¼

S-401.02.5--Contractor's Quality Management Program.

S-401.02.5.1--General. The Contractor shall have full responsibility for quality management and maintain a quality control system that will furnish reasonable assurance that the mixtures and all component materials incorporated in the work conform to contract requirements. The Contractor shall have responsibility for the initial determination and all subsequent adjustments in proportioning materials used to produce the specified mixture. Adjustments to plant operation and spreading and compaction procedures shall be made immediately when results indicate that they are necessary. Mixture produced by the Contractor without the required testing or personnel on the project shall be subject to removal and replacement by the Contractor at no additional cost to the Project.

S-401.02.5.2--Personnel Requirements. The Contractor shall provide at least one Certified Asphalt Technician-I (CAT-I) full-time at each plant site used to furnish material to the project. Sampling shall be conducted by a certified technician or by plant personnel under the direct observation of a certified technician. All testing, data analysis and data posting will be performed by the CAT-I or by an assistant under the direct supervision of the CAT-I. The Contractor shall have a Certified Asphalt Technician-II (CAT-II) available to make any necessary process adjustments. Technician certification shall be in accordance with MDOT SOP TMD-22-10-00-000, MDOT HMA Technician Certification Program. An organizational chart, including names, telephone numbers and current certification, of all those responsible for the quality control program shall be posted in the contractor's laboratory while the asphaltic paving work is in progress.

S-401.02.5.3--Testing Requirements. As a minimum, the Contractor's quality management program shall include the following.

- (a) Bituminous Material. Provide Engineer with samples in sealed one quart metal containers at the required frequency as determined by the Engineer.
- (b) Mechanically Fractured Face. Determine mechanically fractured face content of aggregates retained on the No. 4 sieve, at a minimum of one test per day of production.
- (c) Mixture Gradation. Conduct extraction tests for gradation determination on the mixture. Sample according to the frequency in paragraph (i) and test according to Mississippi Test Method MT-31.
- (d) Total Voids and VMA. Determine total voids and Voids in Mineral Aggregate (VMA) at N Design, from the results of bulk specific gravity tests on laboratory compacted specimens. Sample according to the sampling frequency in paragraph (i), and test according to the latest edition of MDOT's field Manual for HMA.

- (e) Asphalt Content. Sample according to the sampling frequency in paragraph (i). Determine the asphalt content using one of the following procedures.
 - (1) Nuclear gauge. (Mississippi Test Method MT-6)
 - (2) Incinerator oven per AASHTO Designation: T 308, Method A.
- (f) Stripping Tests. Conduct a minimum of one stripping test at the beginning of each job-mix production and thereafter, at least once per each two weeks of production according to Mississippi Test Method: MT-63 and one stripping test per day of production according to Mississippi Test Method: MT-59. Should either the TSR (MT-63) or the boiling water (MT-59) stripping tests fail, a new antistrip additive or rate shall be established or other changes made immediately that will result in a mixture which conforms to the specifications; otherwise, production shall be suspended until corrections are made.
- (g) Density Tests. For 25 mm, 19.5 mm, 12.5 mm & 9.5 mm mixtures, conduct density tests as necessary to control and maintain required compaction according to Mississippi Test Method: MT-16, Method C (nuclear gauge), or AASHTO Designation: T 166. Note - The nuclear gauge may be correlated, at the Contractor's option, with the average of a minimum of five pavement sample densities. For 4.75 mm mixtures, conduct density tests as necessary to control and maintain required compaction according to AASHTO Designation: T 166.
- (h) Quality Control Charts. Plot the individual test data, the average of the last four tests and the control limits for the following items as a minimum:

Mixture Gradation (Percent Passing) Sieves:

1/2-in, 3/8-in, No. 8, No. 16, No. 30 and No. 200.

Asphalt Content, Percent Maximum Specific Gravity, G_{mm} Total Voids @ N_{Design} , Percent VMA @ N_{Design} , Percent

NOTE: For 4.75 mm mixtures, Quality Control Charts for mixture gradation are not required on the No. 8 and No. 30 sieves. For 4.75 mm mixtures, as a minimum, Quality Control Charts for mixture gradation shall be kept on the 3/8-in, No. 16 and No. 200 sieves. For all mixtures other than 4.75 mm, Quality Control Charts for mixture gradation are not required on the No. 16 sieve.

Keep charts up-to-date and posted in a readily observable location. Charts may be kept on a computer, however, the charts shall be printed out a minimum of once each production day and displayed in the laboratory. Note any process changes or adjustments on the Air Voids chart.

- (i) Sampling Frequency. Conduct those tests as required above at the following frequency for each mixture produced based on the estimated plant tonnage at the beginning of the day.

Total Estimated Production, tons Number of Tests

50-800	1
801-1700	2
1701-2700	3
2701+	4

NOTE: Material placed in a storage silo from a previous day's production shall be randomly sampled and tested when removed for placement on the roadway. Such sample(s) shall be independent of the day's production sampling frequency and shall be used in calculating the four (4) sample running average.

- (j) Sample Requirements. Obtain the asphalt mixture samples from trucks at the plant. Obtain aggregate samples from cold feed bins or aggregate stockpile. Save a split portion of all mixture samples at the

laboratory site in a dry and protected location for 14 calendar days. At the completion of the project, the remaining samples may be disposed of with the approval of the Engineer.

The above testing frequencies are for the estimated plant production for the day. If production is discontinued or interrupted, the tests will be conducted at the previously established sample tonnage points for the materials that are actually produced. If the production exceeds the estimated tonnage, sampling and testing will continue at the testing increments previously established for the day. A testing increment is defined as the estimated daily tonnage divided by the required number of tests from the table in S-401.02.5.3 paragraph (i).

In addition to the above program, the following tests shall be conducted on the first day of production and once for every eight production samples thereafter, with a minimum of one test per production week.

Aggregate Stockpile Gradations per AASHTO Designations: T-11 and T-27.

Reclaimed Asphalt Pavement (RAP) Gradation per Mississippi Test Method MT-31.

Fine Aggregate Angularity for all 4.75 mm and 9.5 mm mixtures and all MT and HT mixtures designed above the maximum density line per ASTM Designation: C 1252, Method A.

Testing of the aggregate and RAP stockpiles during production will be waived provided the Contractor provides the Engineer with gradation test results for the materials in the stockpile determined during the building of the stockpiles. The test results provided shall represent a minimum frequency of one per one thousand tons of material in the stockpile. If the Contractor continues to add materials to the stockpile during HMA production, the requirements for gradation testing during production are not waived.

S-401.02.5.4--Documentation. The Contractor shall document all observations, records of inspection, adjustments to the mixture, and test results on a daily basis. All tests conducted by the Contractor in accordance with S-401.02.5.3(h) shall be included in the running average calculations. If single tests are performed as a check on individual HMA properties, between regular samples, without performing all tests required in S-401.02.5.3(h), the results of those individual tests shall not be included in the running average calculations for the particular property. The Contractor shall record the results of observations and records of inspection as they occur in a permanent field record. The Contractor shall record all process adjustments and job mix formula (JMF) changes on the air void charts. The Contractor shall provide copies of all test data sheets and the daily summary reports on the appropriate forms to the Engineer on a daily basis. The Contractor shall provide a written description of any process change, including blend proportions, to the Engineer as they occur. Information provided to the Engineer must be received in the Engineer's office by no later than 9:00 AM the day after the HMA is produced. Fourteen days after the completion of the placement of the HMA, the Contractor shall provide the Engineer with the original testing records and control charts in a neat and orderly manner.

S-401.02.5.5--Control Limits. The following control limits for the job mix formula (JMF) and warning limits are based on a running average of the last four data points.

Item	JMF Limits	Warning Limits
Sieve-% passing		
1/2-in	±5.5	±4.0
3/8-in	±5.5	±4.0
No. 8	±5.0	±4.0
No. 16, for 4.75 mm mixtures ONLY	±4.0	±3.0
No. 30	±4.0	±3.0
No. 200	±1.5	±1.0
Asphalt Content %	- 0.3 to + 0.5	- 0.2 to + 0.4
Total Voids @ N Design %	±1.3	±1.0

VMA @ N Design, %

- 1.5

- 1.0

S-401.02.5.6--Warning Bands. Warning bands are defined as the area between the JMF limits and the warning limits.

S-401.02.5.7--Job Mix Formula Adjustments. A request for a JMF adjustment signed by a CAT-II may be made to the Engineer by the Contractor. Submit sufficient testing data with the request to justify the change. The requested change will be reviewed by the Engineer. If current production values meet the mixture design requirements, a revised JMF will be issued. Adjustments to the JMF shall conform to the latest edition of MDOT's Field Manual for HMA. Adjustments to JMF limits to conform to actual production shall not exceed the tolerance specified for the JMF limits. Regardless of such tolerances, any adjusted JMF gradation shall be within the design master range for the mixture specified. The JMF asphalt content may only be reduced if the production VMA meets or exceeds the minimum design VMA requirements for the mixture being produced.

S-401.02.5.8--Action and Adjustments. Based on the process control test results for any property in question, the following actions shall be taken or adjustments made when appropriate:

- (a) When the running average trends toward the warning limits, the Contractor shall consider taking corrective action. The corrective action, if any, shall be documented. All tests shall be part of the contract files and shall be included in the running average calculations.
- (b) The Contractor shall notify the Engineer whenever the running average exceeds the warning limits.
- (c) If two consecutive running averages exceed the warning limit, the Contractor shall stop production and make adjustments. Production shall only be restarted after notifying the Engineer of the adjustments made.
- (d) If the adjustments made under (c) improve the process such that the running average after four additional tests is within the warning limits, the Contractor may continue production with no reduction in payment.
- (e) If the adjustment made under (c) does not improve the process and the running average after four additional tests stays in the warning band, the mixture will be considered unsatisfactory. Reduced payment for unsatisfactory mixtures will be applied starting from the stop point to the point when the running average is back within the warning limits in accordance with S-401.02.6.3.
- (f) Failure to stop production and make adjustments when required shall subject all mixture produced from the stop point to the point when the running average is back within the warning limits to be considered unsatisfactory. Reduced payment for unsatisfactory mixtures will be applied in accordance with S-401.02.6.3.
- (g) If the running average exceeds the JMF limits, the Contractor shall stop production and make adjustments. Production shall only be restarted after notifying the Engineer of the adjustments made.
- (h) All materials for which the running average exceeds the JMF limits will be considered unacceptable and shall be removed and replaced by the Contractor at no additional cost to the Project. The Engineer will determine the quantity of material to be replaced based on a review of the individual testing data which

make up the running average in question and an inspection of the completed pavement. If the Engineer decides to leave the mixture in place because of special circumstances, the quantity of mixture, as defined above, will be paid for in accordance with S-401.02.6.3.

- (i) Single test results shall be compared to twice the warning and JMF limits. If the test results verified by an approved Laboratory or exceed these limits, the pay factor provided in S-401.02.6.3 will apply for the quantity of material represented by the test(s). Single test limits will be used for the acceptance of projects when insufficient tonnage is produced to require four (4) Contractor's tests.

S-401.02.6--Standards of Acceptance.

S-401.02.6.1--General. Acceptance for mixture quality (VMA and total voids at N_{Design} , gradation, and asphalt content) will be based on random samples tested in accordance with the latest edition of MDOT's Field Manual for HMA. Pavement densities and smoothness will be accepted by lots as set out in S-401.02.6.4 and S-401.02.6.5.

S-401.02.6.2--Test for Mixture Quality. The rounding of test results will be in accordance with S-700.04.

Conduct tests on split samples anytime during production. All testing and data analysis shall be performed by a Certified Asphalt Technician-I (CAT-I) or by an assistant under the direct supervision of the CAT-I.

The Engineer shall be allowed to inspect measuring and testing devices to confirm calibration and condition. The Contractor shall calibrate and correlate all testing equipment in accordance with the latest version of the MDOT Test Methods.

S-401.02.6.3--Acceptance Procedure for Mixture Quality. All obviously defective material or mixture will be subject to rejection by the Engineer. Such defective material or mixture shall not be incorporated into the finished work. If the defective material has already been placed in the work, the material shall be removed and replaced at no additional cost to the Project.

The Engineer will base final acceptance of the asphalt mixture production on the results of the Contractor's testing for total voids and VMA @ N_{Design} , gradation, and asphalt content. Areas of pavement that exhibit non-uniformity or failures, materials or construction related, such as but not limited to segregation, bleeding, shoving, rutting over 1/8", raveling, slippage, or cracking will not be accepted. Such areas will be removed and replaced at no additional cost to the Project.

Bituminous mixture placed prior to correction for deficiencies in VMA and total voids @ N_{Design} , gradation, or asphalt content, as required in S-401.02.5.8 and determined by the Engineer satisfactory to remain in place will be paid for in accordance with the following pay factors times the contract unit price per ton.

Pay Factor for Mixture Quality *

Item	Produced in Warning Bands	Produced Outside JMF Limits, Allowed to Remain in Place
Gradation	0.90	0.75
Asphalt Content	0.85	0.75
Total Voids @ N_{Design}	0.70	0.50
VMA @ N_{Design}	0.90	0.75

*The minimum single payment will apply.

S-401.02.6.4--Acceptance Procedure for Density For normal production days, divide the production into approximately

equal lots as shown in the following table. When cores are being used for the compaction evaluation, randomly obtain one core from each lot. When the nuclear density gauge is being used for compaction evaluation, obtain two random readings from each lot and average the results. Additional tests may be required by the Engineer to determine acceptance of work appearing deficient. The Contractor shall furnish and maintain traffic control for all compaction evaluations, including coring, required in satisfying specified density requirements.

Lot Determination

<u>Daily Production - Tons</u>	<u>Number of Lots</u>
0-300	1
301-600	2
601-1000	3
1001-1500	4
1501-2100	5
2101-2800	6
2801+	7

S-401.02.6.4.1--Roadway Density. The density requirement for each completed lift on a lot to lot basis from density tests shall be as follows:

1. For all single lift overlays, with or without leveling and/or milling, the required lot density shall be 92.0 percent of maximum density.
2. For all multiple lift overlays of two (2) or more lifts excluding leveling lifts, the required lot density of the bottom lift shall be 92.0 percent of maximum density. The required lot density for all subsequent lifts shall be 93.0 percent of maximum density.
3. For all pavements on new construction, the required lot density for all lifts shall be 93.0 percent of maximum density.

When it is determined that the density for a lot is below the required density (93.0 percent or 92.0 percent) but not lower than 91.0 or 90.0 percent of maximum density, respectively, the Contractor will have the right to remove and replace the lot(s) not meeting the specified density requirements in lieu of accepting reduced payment for the lot(s).

When it is determined that the density for a lot is above 96.0 percent, the Contractor will make plant adjustments to resolve the problem.

When it is determined that the density for a lot is below 91.0 or 90.0 percent, respectively, the lot(s), or portions thereof shall be removed and replaced in accordance with Chapter 7 of the latest edition of MDOT's Field Manual for HMA at no additional cost to the Project. A corrected lot will be retested for approval. No resampling will be performed when pavement samples are used for determining density.

At any time the average daily compaction (the total of the percent compaction for the lots produced in one day divided by the total number of lots for the day) does not meet the required percent compaction or more for two consecutive days, the Contractor shall notify the Engineer of proposed changes to the compactive effort. If the average daily compaction does not meet the required percent compaction or more for a third consecutive day, the Contractor shall stop production until compaction procedures are established to meet the specified density requirements.

Each lot of work found not to meet the density requirement of 92.0% or 93% of maximum density, respectively, may remain in place with a reduction in payment as set out in the following tables:

PAYMENT SCHEDULE FOR COMPACTION OF 92.0 PERCENT OF MAXIMUM DENSITY

<u>Pay Factor</u>	<u>% of Maximum Density</u>
1.00	92.0 and above
0.90	91.0 - 91.9
0.70	90.0 - 90.9

** Any lot or portion thereof with a density of less than 90.0 percent of maximum density shall be removed and replaced at no additional cost to the Project.

PAYMENT SCHEDULE FOR COMPACTION OF 93.0 PERCENT OF MAXIMUM DENSITY

<u>Pay Factor</u>	<u>% of Maximum Density</u>
1.00	93.0 and above
0.90	92.0 - 92.9
0.70	91.0 - 91.9

*** Any lot or portion thereof with a density of less than 91.0 percent of maximum density shall be removed and replaced at no additional cost to the Project.

The compaction pay factors and mixture quality pay factor, as described in S- 401.02.6.3, will each apply separately. However, the combined pay factor shall not be less than 0.50 for any mixture allowed to remain in place.

S-401.02.6.4.2--Trench Widening Density. The density for trench widening on a lot to lot basis shall be determined from density tests using pavement samples (cores).

When it is determined that the density for a trench widening lot is below 89.0 percent but not lower than 88.0 percent of maximum density, the Contractor will have the right to remove and replace the lot(s) not meeting the specified density requirements in lieu of accepting reduced payment for the lot(s).

When it is determined that the density for a trench widening lot is above 95.0 percent, the Contractor will make plant adjustments to resolve the problem.

When it is determined that the density for a trench widening lot is below 88.0 percent, the lot(s), or portions thereof shall be removed and replaced in accordance with Chapter 7 of the latest edition of MDOT's Field Manual for HMA at no additional cost to the Project. A corrected lot will be retested for approval. No resampling will be performed when pavement samples are used for determining density.

At any time the daily compaction (the total of the percent compaction for the lots produced in one day divided by the total

number of lots for the day) does not meet 89.0 percent compaction or more for two consecutive days, the Contractor shall notify the Engineer of proposed changes to the compactive effort. If the average daily compaction does not meet 89.0 percent compaction or more for a third consecutive day, the Contractor shall stop production until compaction procedures are established to meet the specified density requirement.

Each lot of trench widening work found not to meet the density requirement of 89.0 percent of maximum density may remain in place with a reduction in payment as set out in the following table:

**PAYMENT SCHEDULE FOR COMPACTION
TRENCH WIDENING WORK**

<u>Pay Factor</u>	<u>Lot Density *** % of Maximum Density</u>
1.00	89.0 and above
0.50	88.0 - 88.9

*** Any lot or portion thereof with a density of less than 88.0 percent of maximum density shall be removed and replaced at no additional cost to the Project.

The compaction pay factors and mixture quality pay factor, as described in S- 401.02.6.3, will each apply separately. However, the combined pay factor shall not be less than 0.50 for any mixture allowed to remain in place.

S-401.02.6.5--Acceptance Procedure for Pavement Smoothness. When compaction is completed, the lift shall have a uniform surface and be in reasonably close conformity with the line, grade and cross section shown on the plans.

When required by the Engineer, the smoothness of each applicable lift will be determined by using a California profilograph to produce a profilogram (profile trace) at each designated location. The surface shall be tested and corrected to a smoothness index as described in MDOT Specifications.

S-401.02.6.7--Surface Correction. Corrective work to bumps shall consist of diamond grinding in accordance with these specifications or methods approved by the Engineer. All surface areas corrected by grinding shall be sealed with a sealant approved by the Engineer.

S-401.02.6.7.1--Diamond Grinding. Grinding of asphalt surfaces shall consist of diamond grinding the existing asphalt pavement surface to remove surface distortions to achieve the specified surface smoothness requirements.

S-401.02.6.7.2--Equipment. The grinding equipment shall be a power driven, self-propelled machine that is specifically designed to smooth and texture pavement surfaces with diamond blades. The effective wheel base of the machine shall not be less than 12.0 feet. It shall have a set of pivoting tandem bogey wheels at the front of the machine and the rear wheels shall be arranged to travel in the track of the fresh cut pavement. The center of the grinding head shall be no further than 3.0 feet forward from the center of the back wheels.

The equipment shall be of a size that will cut or plane at least 2.0 feet wide. It shall also be of a shape and dimension that does not encroach on traffic movement outside of the work area. The equipment shall be capable of grinding the surface without causing spalls at joints, or other locations.

S-401.02.6.7.3--Construction. The construction operation shall be scheduled and proceed in a manner that produces a uniform finish surface. Grinding will be accomplished in a manner to provide positive lateral drainage by maintaining a constant cross-slope between grinding extremities in each lane.

The operation shall result in pavement that conforms to the typical cross-section and the requirements specified in S-

401.02.6.7.4. It is the intent of this specification that the surface smoothness characteristics be within the limits specified.

The Contractor shall establish positive means for removal of grinding residue. Solid residue shall be removed from pavement surfaces before it is blown by traffic action or wind. Residue shall not be permitted to flow across lanes used by public traffic or into gutters or drainage facilities, but may be allowed to flow into adjacent ditches.

S-401.02.6.7.4--Finished Pavement Surface. The grinding process shall produce a pavement surface that is smooth and uniform in appearance with a longitudinal line type texture. The line type texture shall contain parallel longitudinal corrugations that present a narrow ridge corduroy type appearance. The peaks of the ridges shall not be more than 1/16 inch higher than the bottoms of the grooves.

The finished pavement surface will be measured for riding quality. The grinding shall produce a riding surface which does not exceed either the specified profile index or the specified bump and dip limit.

S-401.02.7--Nuclear Gauges.

S-401.02.7.1--Nuclear Moisture-Density Gauge. The nuclear gauge unit used to monitor density shall contain a full data processor which holds all calibration constants necessary to compute and directly display wet density, moisture, and dry density in pounds per cubic foot. The data processor shall compute and display the percent moisture and percent density based on dry weight.

S-401.02.7.2--Nuclear Asphalt Content Gauge. The Contractor shall furnish and calibrate, unless designated otherwise in the contract, a Troxler Nuclear Asphalt Content Gauge (Model 3241 or updated model) or a Campbell Nuclear Asphalt Content Gauge (Model AC-2) or an approved equal.

S-401.03--Construction Requirements AASHTO "Hot-Mix Asphalt Paving Handbook" is adapted as the guideline for acceptable HMA construction practices.

S-401.03.1--Specific Requirements.

S-401.03.1.1--Weather Limitations. The mixture shall not be placed when weather conditions prevent the proper handling and finishing or the surface on which it is to be placed is wet or frozen. At the time of placement, the air and pavement surface temperature limitations shall be equal to or exceed that specified in the following table.

TEMPERATURE LIMITATIONS

Compacted Thickness	Temperature
Less than 1 1/2 inches	55°F
1 1/2 inches to 2 inches	50°F
2 1/4 inches to 3 inches	45°F
Greater than 3 inches	40°F

When paving operations are discontinued because of rain, the mixture in transit shall be protected until the rain ceases. The surface on which the mixture is to be placed shall be swept to remove as much moisture as possible and the mixture may than be placed subject to removal and replacement at no additional cost to the Project if contract requirements are not met.

S-401.03.1.2--Tack Coat. Tack coat shall be applied to previously placed primed subbase/base, road surface and between layers, unless otherwise directed by the Engineer. The tack coat shall be applied as a spray coating, fog coating, or "spider

webbing". Construction requirements shall be in accordance with S-407.

S-401.03.1.3--Blank.

S-401.03.1.4--Density. The lot density for all dense graded pavement lifts, except as provided below for preleveling, wedging {less than fifty percent (50%) of width greater than minimum lift thickness}, ramp pads, irregular shoulder areas, median crossovers, turnouts, or other areas where the established rolling pattern cannot be performed, shall not be less than 92.0 percent of the maximum density based on AASHTO Designation: T209 for the day's production. If a job-mix formula adjustment is made during the day which affects the maximum specific gravity, calculate a new average maximum density for the lot(s) placed after the change.

Pavement core samples obtained for determining density which have a thickness less than two times the maximum size aggregate permitted by the job-mix formula will not be used as a representative sample.

Preleveling, wedging {less than fifty percent (50%) of width greater than minimum lift thickness}, ramp pads, irregular shoulder areas, median crossovers, turnouts, and other areas where an established rolling pattern cannot be obtained shall be compacted to refusal densification.

S-401.03.2--Bituminous Mixing Plants. S-401.03.2.1--Plant Requirements.

S-401.03.2.1.1--Cold Aggregate Storage. The cold storage for hydrate lime shall be a separate bulk storage bin with a vane feeder or other approved feeder system which can readily be calibrated. The system shall provide a means for easy sampling of the hydrated lime additive and verifying the quantity of lime dispensed. The feeder system shall require a totalizer.

The hydrated lime additive equipment shall be interlocked and synchronized with the cold feed controls to operate concurrently with the cold feed operation which will automatically adjust the hydrated lime feed to variations in the cold aggregate feed. A positive signal system shall be installed which will automatically shut the plant down when malfunctions cause an improper supply of hydrated lime or water.

The plant shall not operate unless the entire hydrated lime system is functioning properly.

S-401.03.2.1.2--Cold Aggregate Feed. The hydrated lime shall be dispensed dry or as a slurry (1 part hydrated lime to 3 parts water) directly onto the composite aggregate between the cold feed and the dryer.

When hydrated lime is introduced dry, a spray bar or other approved system capable of spraying all aggregate with water shall be installed in order to maintain all aggregate at the moisture condition set out in S-401.02.3.1 prior to addition of the hydrated lime. An alternate system for spraying the coarse aggregate stockpiles may be allowed when approved by the Engineer. The approved equipment and methods shall consistently maintain the aggregate in a uniform, surface wet condition. The moisture content of the aggregate-hydrated lime mixture, following spraying and mixing, shall be introduced into the automatic moisture controls of the plant.

The aggregate-hydrated lime mixture shall be uniformly blended by some mechanical means such as a motorized "on the belt" mixer or pug mill located between the cold feed and the dryer. Other mixing devices may be used subject to approval by the Engineer.

A maximum of forty five (45) percent of the total aggregate blend may be fed through any single cold feed bin. If the JMF calls for more than forty five (45) percent of a specific aggregate, that aggregate must be fed through two (2) or more separate cold feed

S-401.03.2.1.3--Dryer. The efficiency of drying aggregates shall be such that the moisture content of the top HMA mixture shall not exceed 0.50 percent by weight of the total mixture, and the moisture content of all the underlying mixtures shall not exceed 0.75 percent by weight of the total mixture being produced.

S-401.03.2.1.4--Blank.

S-401.03.2.1.5--Control of Bituminous Material and Antistripping Agent. Specified bituminous materials from different manufacturers or from different refineries of a single manufacturer shall not be mixed in the plant's asphalt cement supply system storage tank and used in the work without prior written approval of the Engineer. Approval is contingent upon the Engineer's receipt of three copies of the manufacturer's certified test report(s) from the Contractor showing that the bituminous material blend conforms to the specifications.

A satisfactory method of weighing or metering shall be provided to ensure the specified quantity of bituminous material. Provisions shall be provided for checking the quantity or rate of flow. Weighing or metering devices shall be accurate within plus or minus one-half percent.

The antistripping agent shall be injected into the bituminous material immediately prior to the mixing operation with an approved in-line injector system capable of being calibrated so as to ensure the prescribed dosage.

An in-line spigot for sampling of asphalt shall be located between the asphalt storage tank and the antistripping agent in-line injector.

S-401.03.2.1.6--Thermometric Equipment. An armored thermometer of adequate range and calibrated in 5°F increments shall be fixed at a suitable location in the bituminous line near the charging valve of the mixer unit.

The plant shall be equipped with an approved dial-scale, mercury-actuated thermometer, pyrometer or other approved thermometric instrument placed at the discharge chute of the dryer to measure the temperature of the material.

When the temperature control is unsatisfactory, the Engineer may require an approved temperature-recording apparatus for better regulation of the temperature.

S-401.03.2.1.7--Screens. A scalping screen shall be used.

S-401.03.2.1.8--Dust Collector. The plant shall be equipped with a dust collector constructed to waste or return collected material. When collected material is returned, it shall be returned through a controlling device which will provide a uniform flow of material into the aggregate mixture.

S-401.03.2.1.9--Safety Requirements. A platform or other suitable device shall be provided so the Engineer will have access to the truck bodies for sampling and mixture temperature data.

S-401.03.2.1.10--Blank.

S-401.03.2.1.11--Truck Scales. The specifications, tolerances and regulations for commercial weighing and measuring devices as recommended by the National Bureau of Standards {National Institute of Standards and Technology (NIST) handbook 44} shall govern truck scales used in the State of Mississippi, except weighing devices with a capacity of ten thousand (10,000) pounds or more used to weigh road construction materials (i.e. sand, gravel, asphalt, fill dirt, topsoil and concrete) shall have a tolerance of one-half of one percent (1/2 of 1%) in lieu of the requirements of Handbook 44 and shall be regulated by the Mississippi Department of Transportation.

Agriculture and Commerce. Certification shall be performed in the presence of an authorized representative of MDOT or a copy of the certification may be furnished for scales that have been checked and certified within the last six months for use on Department of Transportation or projects and are still in the position where previously tested. Scales that have not been checked and certified under NIST Handbook 44 guidelines, except for the herein modified tolerances allowed, shall be so checked and certified prior to use for measurement of materials. Tests shall be continued on six month intervals with the test conducted in the presence of an authorized representative of MDOT.

Truck scales shall be accurate to one-half percent of the applied load, shall be sensitive to 20 pounds, and shall have a graduation of not more than 20 pounds.

The Contractor may use an electronic weighing system approved by the Engineer in lieu of truck scales. The system shall be equipped with an automatic print out system which will print a ticket for each load with the following information:

Contractor's name, , Owner name, project name, county, ticket number, load number, pay item number, item description of the material delivered, date, time of day, haul vehicle number, gross weight, tare weight, net weight and total daily net weight.

When approved by the Engineer, and materials are measured directly from a storage bin equipped with load cells, exceptions may be made to the gross and tare weight requirement.

The ticket shall also have a place for recording the temperature of HMA mixtures, if applicable, and the signatures of the Engineer's plant and roadway inspectors. The load numbers for each project shall begin with load number one (1) for the first load of the day and shall be numbered consecutively without a break until the last load of the day. The Contractor shall provide the Engineer with an original and one copy of each ticket. When the ticket information provided by the Contractor proves to be unsatisfactory, the Engineer will use imprinter(s) and imprinter tickets to record load information. All recorded weights shall be in pounds and shall be accurate to within one-half of one percent of the true weight, and the system shall be sensitive to 20 pounds. The Engineer will require random loads to be checked on certified platform scales at no cost to the project.

When an electronic weighing system utilizes the plant scales of a batch plant, the system may be used only in conjunction with a fully automatic batching and control system.

S-401.03.2.2--Additional Requirements for Batching Plants.

S-401.03.2.2.1--Plant Scales. The plant batch scale weight shall not exceed the platform scale weight by more than one percent (1%).

S-401.03.2.3--Additional Requirements for Drum Mixing Plants.

S-401.03.2.3.1--Plant Controls. The plant shall be operated with all the automatic controls as designed and provided by the plant manufacturer. If the automatic controls malfunction, brief periods of manual operations to complete the day's work or to protect the work already placed may be conducted with the approval of the Engineer. During manual operation, the Contractor must continue to produce a uniform mixture meeting all contract requirements.

S-401.03.2.3.2--Aggregate Handling and Proportioning. A screening unit shall be placed between the bins and the mixer to remove oversized aggregate, roots, clayballs, etc.

S-401.03.2.4--Surge or Storage Bins. Surge and/or storage systems may be used at the option of the Contractor provided each system is approved by the Engineer prior to use. Surge bins shall be emptied at the end of each day's operation. Storage silos may be used to store mixtures as follows:

19 mm & 25 mm mixtures	24 hours
9.5 mm & 12.5 mm mixtures	36 hours

The storage silos must be well sealed, completely heated and very well insulated. The mixture when removed from the storage silo shall be tested to ensure that it meets all the same specifications and requirements as the mixture delivered directly to the paving site. See S-401.02.5.3, subparagraph (i) for sampling and testing requirements.

S-401.03.3--Hauling Equipment. The inside of each vehicle bed shall be coated with a light application of water and thin oil, soap solution, lime water solution or other approved material to prevent the mixture from sticking. Diesel fuel or gasoline shall not be used to lubricate vehicle beds. Truck beds shall be raised to drain excessive lubricants before placing mixture in the bed. An excess of lubricant will not be permitted.

S-401.03.4--Bituminous Pavers. The screed or stroke-off assembly shall be capable of vibrating and heating the full width of the mixture being placed and shall lay the lift with an automatic control device to the specified slope and grade without tearing, pulling or gouging the mixture surface.

S-401.03.5--Rollers. All rollers shall be self-propelled units capable of maintaining a smooth and uniform forward and reverse speed as required for proper compaction. They shall be equipped with adjustable scrapers, water tanks, mats and a device for wetting the wheels or tires to prevent the mixture from sticking. Adhesion of the mixture to the rollers will not be permitted. The use of diesel fuel or gasoline for cleaning roller wheels or tires or to aid in preventing the mixture from sticking to the wheels or tires is prohibited.

All rollers shall be in good mechanical condition, free from leaking fuels and lubricants, loose link motion, faulty steering mechanism, worn king bolts and bearing. They shall be operational at slow speeds to avoid displacement of the mixture and capable of reversing direction smoothly and without backlash.

S-401.03.6--Preparation of Grade. The foundation upon which HMA pavement is to be placed shall be prepared in accordance with plans and specifications.

Unless otherwise directed, tack coat shall be applied to the underlying surface on which the mixture is to be placed. Emulsions, if used, must be allowed to "break" prior to placement of the bituminous mixture.

Bituminous mixture shall not be placed against the edge of pavements, curbs, gutters, manholes and other structures until sprayed with a thin uniform tack coating. The tack coat shall be protected until the mixture has been placed.

Existing pavements that require preliminary leveling or patching in advance of placing the bituminous mixture shall be sprayed with a tack coat material and then brought as nearly as practicable to uniform grade and cross section. The material shall be placed by hand or machine in one or more compacted layers approximately two (2) inches or less in compacted thickness.

S-401.03.7--Blank.

S-401.03.8--Preparation of Mixture. The temperature of the mixture, when discharged from the mixer, shall not exceed 340°F.

S-401.03.9--Material Transfer Equipment. Except for the areas mentioned below, when placing the top intermediate lift and/or the top lift of HMA pavements, the material transferred from the hauling unit shall be remixed prior to being placed in the paver hopper or insert by using an approved Materials Transfer Device. Information on approved devices can be obtained from the MDOT State Construction Engineer. Areas excluded from this requirement include: temporary work of short duration, detours, bridge replacement projects having less than 1,000 feet of pavement on each side of the structure, acceleration and deceleration lanes less than 1,000 feet in length, tapered sections, transition sections for width, shoulders less than 10 feet in width, crossovers, ramps, side street returns and other areas designated by the Engineer.

S-401.03.10--Spreading and Finishing. Grade control for HMA pavements shall be established by string line at least 500 feet ahead of spreading, unless placement is adjacent to curb and gutter, concrete pavement, or other allowed grade control.

The mixture shall be spread to the depth and width that will provide the specified compacted thickness, line, grade and cross section. Placing of the mixture shall be as continuous as possible. On areas where mechanical spreading and finishing is impracticable, the mixture may be spread, raked and luted by hand tools.

Immediately after screeding and prior to compaction, the surface shall be checked by the Contractor and irregularities adjusted. When the edge is feathered as in a wedge lift, it may be sealed by rolling. Irregularities in alignment and grade along the edges shall be corrected before the edges are rolled.

Hauling, spreading and finishing equipment shall be furnished that is capable of and operated in such a manner that the rolling operation will satisfactorily correct any surface blemishes.

The longitudinal joint in the subsequent lift shall offset that in the underlying lift by approximately six (6) inches. However, the joint in the top lift shall be at the centerline or lane line.

S-401.03.11--Compaction. After the mixture has been spread and surface irregularities corrected, it shall be thoroughly and uniformly compacted to the required line, grade, cross section and density.

S-401.03.12--Joints. Joints between previously placed pavement and pavement being placed shall be so formed as to insure thorough and continuous bond.

Transverse construction joints shall be formed by cutting the previously placed mixture to expose the full depth of the lift.

The contact surface of transverse joints and longitudinal joints, except hot joints, shall be sprayed with a thin uniform tack coating before additional mixture is placed against the previously placed material.

Longitudinal joints shall be formed by overlapping the screed on the previously placed material for a width of at least one (1) inch and depositing the quantity of mixture to form a smooth, tight joint.

S-401.03.13--Pavement Samples. The Contractor shall cut samples from each lift of HMA at the time and locations designated by the Engineer. The samples shall be taken for the full depth of each lift and shall be of a size approved by the Engineer but not to exceed 120 square inches. Tools used for cutting or coring of samples shall be of the revolving blade type such as saw or core drill. Cores shall be taken using a 4.0 to 6.0-inch inside diameter coring bit. The sample hole shall be filled, compacted and finished by the Contractor to conform with the surrounding area. No additional compensation will be allowed for furnishing samples and repairing the areas with new pavement.

SECTION S-403 – HOT MIX ASPHALT PAVEMENT

S-403.01--Description: This work consists of constructing one or more lifts of HMA pavement meeting the requirements of S-401 on a prepared surface in accordance with the requirements of this section and in reasonably close conformity with the lines, grades, thicknesses, and typical cross sections shown on the plans or established by the Engineer.

S-403.02--Material Requirements: Materials and their use shall conform to the applicable requirements of S-401.02.

S-403.03--Construction Requirements.

S-403.03.1--General. Construction requirements shall be as specified in S-401.03 except as otherwise indicated in this section or applicable special provisions.

S-403.03.2--Smoothness Tolerances. Except as noted herein, the finished smoothness of each lift shall conform to the designated grade and cross section within the following tolerances from grade stakes or other grade reference points set at 25 foot intervals:

	Lower * & Leveling Lifts	Lower * Intermediate Lifts	Top Intermediate Lift	Surface Lift
Max. deviation from grade and cross section at any point.....	1/2"	3/8"	1/4"	1/4"
Max. deviation from a 10 foot straight edge...	3/8"	1/4"	1/8"	1/8"

* When tested longitudinally from a string line located equidistant above points 50 feet apart, the distance from the string line to the surface at any two points located 12 ½ feet apart shall not vary one from the other more than the maximum deviation allowed above from a 10 foot straight edge.

Grade stakes or other grade reference points set at 25-foot intervals and maximum deviation from grade and cross section will not be required provided an approved profile averaging device is furnished and properly used for the five conditions set forth herein; however, all other surface requirements are applicable.

- (a) Overlays with one overall lift.
- (b) Overlays with two or more overall lifts -- for each lift above the first overall lift provided each underlying overall lift is within the allowable tolerances.
- (c) Surface lift of new construction provided the underlying lift is within the allowable tolerances.

- (d) Full-depth asphalt construction for lifts above the lower lift provided the lower lift is within the specified tolerances for the lower intermediate lift.
- (e) Base lifts.

Acceptance and payment of HMA will be determined on a lot to lot basis by cores taken from the completed pavement as outlined in S-403.03.3.

Approved contacting type profile averaging devices are those devices capable of working in conjunction with a taut string or wire set to grade, or ski-type device with extreme contact points with the surface at least 30 feet apart. Approved non-contacting type profile averaging devices are laser type ski devices with at least four referencing mobile stations at a minimum length of 24 feet, or an approved equal.

When approved by the Engineer, a short ski or shoe may be substituted for a long ski on the second paving operation working in tandem.

During the finishing and compacting of base and pavement lifts, it shall be the responsibility of the Contractor to check the surface and joints for progress toward conformance to surface requirements set forth herein. Variations from surface requirements exceeding the allowable tolerances shall be corrected at the Contractor's expense.

S-403.03.3--Thickness Requirements. Hot mix asphalt overlay lifts shall be constructed as nearly in accordance with the thickness shown on the plans as the underlying pavement and foundation will permit. Periodic and cumulative yield tests will be made to determine practicable conformity to the thickness of each lift. The Engineer may order modifications in placement thicknesses to prevent unwarranted variations in plan quantities.

When the paver is operating off an established grade line, no thickness determination will be required for the various lifts of base and pavement. It is understood that the tolerances from design grade will control the thickness requirements.

When grade stakes are eliminated as outlined in S-403.03.2, acceptance and pavement will be determined on a lot to lot basis by cores taken from the completed pavement. Lots will be coincidental with acceptance lots for the surface lift as provided in S-401.02.6.4, except that only lots resulting from the placement of mainline surface lift will be used for thickness assessment. One core will be obtained at random for each lot. Irregular areas will not be cored.

When the average thickness of all the cores from the lots representing a day's production (excluding any discarded by the Engineer for justifiable reason) is within $\frac{3}{8}$ of an inch of the total pavement thickness shown on the plans, excluding lift(s) placed using an established grade line, corrective action will not be required and a price adjustment will not be made for non-conformity to specified thickness.

When the average thickness of all the cores from the lots representing a day's production is deficient in thickness by more than $\frac{3}{8}$ of an inch of the total pavement thickness shown on the plans, excluding lift(s) placed using an established grade line, the deficiency shall be corrected by overlaying the entire length of the day's production. The thickness of the overlay shall be equal to the thickness deficiency but no less than the minimum single lift laying thickness for the specified mixture.

When the thickness of all the cores from the lots representing a day's production is more than $\frac{3}{8}$ of an inch thicker than the total thickness shown on the plans, excluding lift(s) placed using an established grade line, a price adjustment will be made in accordance with S-403.05.1.

The cores shall be cut and removed by the Contractor in the presence of the Engineer's representative. The Contractor shall fill each core hole with HMA and compact to the satisfaction of the Engineer within 24 hours after coring.

S-403.03.4--Lift Corrections. Pavement exceeding the allowable surface tolerances shall be corrected at the Contractor's expense by the following methods:

Lower, Leveling and Lower Intermediate Lifts:

- (a) Removal or addition of mixture by skin patching, feather edging, wedge lift construction of full depth patching where appropriate and can be completed in a satisfactory manner.
- (b) Superimposing an additional layer which shall be an approved grade raise for the full width and length of the area to be corrected.

Top Intermediate Lift

- (a) Removal and the addition of sufficient mixture to provide the specified thickness. Corrections by this method shall be square or rectangular in shape and shall completely cover the area to be corrected.
- (b) Superimposing an additional layer (minimum lift thickness for mixture being used) which shall be an approved grade raise for full lane width of the area to be corrected. Transverse joints shall be perpendicular to the centerline of the pavement.

Surface Lift:

- (a) Removal and the addition of sufficient mixture to provide new material of at least minimum single lift laying thickness for full lane width of the area to be corrected. Transverse joints shall be perpendicular to the centerline of the lane.
- (b) Superimposing an additional layer (minimum lift thickness for mixture being used) which shall be an approved grade raise for full lane width of the area to be corrected. Transverse joints shall be perpendicular to the centerline of the pavement.

All mixtures used in the correction of unacceptable pavement shall be approved by the Engineer prior to use.

S-403.03.5-- Overlays or Widening and Overlays.

S-403.03.5.1--General. In addition to the requirements of S-403.03.1 through S-403.03.4 the following requirements will be applicable when an existing pavement is to be overlaid or widened and overlaid.

S-403.03.5.2--Sequence of Operations. In order to expedite the safe movement of traffic and to protect each phase of the work as it is performed, a firm sequence of operations is essential. Unless otherwise provided in the traffic control plan and/or the contract, the following appropriate items of work shall be begun and continually prosecuted in the order listed:

- (a) In sections designated by the Engineer, trim the shoulders along the pavement edges to provide drainage from the pavement.
- (b) Perform selective undercutting and patching as directed (S-403.03.5.4).

- (c) Clean and seal joints. (If required)
- (d) Complete preparation on one side of roadway to be widened and place widening materials.
- (e) Reconstruct shoulders to elevation necessary to assure traffic safety.
- (f) Open the widened section to traffic.
- (g) Complete above work for other side of roadway.
- (h) Perform preliminary leveling as directed.
- (i) Apply interlayer (If required).
- (j) Place the first overall leveling lift. (If required)
- (k) After the first overall leveling lift, reconstruct shoulders as necessary to eliminate vertical differentials which may be hazardous to traffic.
- (l) Place first intermediate lift. (If required)
- (m) Construct shoulders to the contiguous elevation as required.
- (n) Place remaining intermediate lift (if required)
- (o) Place surface lift.
- (p) Complete construction of shoulders.
- (q) Apply permanent traffic marking.
- (r) Final cleanup.

The above operations shall be performed in such a manner that traffic will be maintained on a paved surface at all times. Two-lane highways should not be restricted to a single lane in excess of a 3,000 foot section.

S-403.03.5.3--Widening of Base or Pavement. The foundation for widening shall be formed by trenching or excavating to the required depth and constructing a smooth, firm and compacted foundation. It shall have sufficient density and stability to withstand the placement and compaction of subsequent lifts. Soft, yielding and other unsuitable material which the Engineer determines will not compact readily shall be removed and backfilled with granular material or hot mix asphalt as directed.

Except as provided herein, excavation for widening, undercutting or other required excavation shall be spread along the edge of the shoulders, foreslopes or other adjacent areas as directed and will be an absorbed item. When the quantity is in excess of what may be used satisfactorily on adjacent areas, the Engineer may direct that the material be loaded, hauled and spread uniformly on other designated areas. In this case, compensation for handling surplus material will be in accordance with the appropriate pay items as provided in the contract or as extra work.

If the plans require widening of the shoulders or embankment with contractor furnished material, all suitable material obtained from widening excavation may be used and will be measured and paid for as Contractor furnished materials. No measurement for payment of haul will be made.

Removal and disposal of old stakes, forms and other debris encountered in excavating shall be in accordance with S-201 and shall be considered as incidental to and included in the unit prices bid for other items. No separate measurement will be made therefor. Pavement edges and surfaces shall be cleaned prior to final shaping and compaction of adjacent trenching or undercut areas.

Granular material for widening shall be placed on a previously prepared, smooth, firm and unyielding foundation in accordance with the typical section. Density of the granular material shall be that specified for subbase.

Hot mix asphalt for widening, including trench widening, shall meet the applicable requirements of this section and S-401 and shall be placed in one or more layers as shown on the plans or as directed. The surface of the mixture shall be finished as a continuation of the adjacent pavement slope.

Trench rollers or other compaction equipment shall be used to compact the foundation, granular material and bituminous mixtures for widening when standard width rolling equipment cannot be used.

S-403.03.5.4--Patching. Existing pavement which has failed or unsatisfactorily stabilized shall be removed as directed. Removal of pavement will be measured and paid for under the appropriate pay items as provided in the contract.

Backfill shall consist of hot mix asphalt or a combination of compacted layers of granular material and hot mix asphalt. Unless otherwise specified, the Engineer will make this determination based on depth and field conditions.

Hot mix asphalt used for backfilling will be measured and paid for at the contract unit price for the mixture designated on the plans as the lowest lift. Granular material will be measured and paid for under the appropriate pay item as provided in the contract or as extra work.

S-403.03.5.5--Preliminary Leveling. All irregularities of the existing base or pavement that result in a thickness greater than approximately two and one-half inches for the first overall leveling lift shall be corrected by skin patching, feather edging or a wedge lift and shall be approved by the Engineer in advance of placing the first overall lift.

S-403.03.5.6--Placement of Lifts. The leveling lift shall be placed in a layer (or layers) not exceeding approximately two and one-half inches compacted thickness.

When single lane construction is required, placement of a lift on the adjacent lane may be performed by an approved profile averaging device provided the lane previously placed is within the allowable tolerances for all surface requirements. When any of the tolerances are exceeded, the contractor shall reestablish the control string line for laying the adjacent lane should he elect to perform this work prior to correcting the deficiencies of the lane previously placed. In no case shall a "matching shoe" be used to control the grade of an adjacent lane.

In instances where there are only minor deviations from the allowable tolerances in the first overall lift, the Engineer may permit the Contractor to place the next higher lift by graded string line in lieu of making the corrections.

Single lane placement of leveling, intermediate and surface lifts shall be limited to the distance covered in one and one-half days in advance of that placed in the adjacent lane.

S-403.03.5.7--Protection of Pavement. The base and pavement shall be protected and properly maintained until it has been compacted and cooled sufficiently for use by traffic.

S-403.04--Method of Measurement. HMA pavement, complete in place and accepted, will be measured by the ton. The weight of the composite mixture shall be determined in accordance with the provisions of S-401.03.2.1.11.

Unless shown as a separate pay item, the furnishing and application of the tack coat will not be measured for payment. When payment is provided, tack coat will be measured as set out in S-407.06.

The quantity of bituminous mixture required to correct the work, when made at the expense of the Contractor, will not be measured for payment.

Any trenching required for widening will not be measured for payment; the cost thereof shall be included in other items of work.

Undercut required by the Engineer will be measured for payment under the appropriate excavation item as provided in the contract or as extra work. Pavement removal and any required trenching will not be included in the measurement for undercut.

S-403.05--Basis of Payment. Subject to the adjustments set out in S-401.02.6.3, S-401.02.6.4 & S-403.03.2, hot mix asphalt pavement, complete-in-place, accepted, and measured as prescribed above, will be paid for at the contract unit price per ton for each lift of pavement specified in the bid schedule and shall be full compensation for completing the work.

S-403.05.1--Price Adjustment for Thickness Requirement. When grade stakes are eliminated as provided in S-403.03.3 and the average thickness of all cores from lots representing a day's production is more than 3/8 inch thicker than the total specified thickness of the pavement, excluding lift(s) placed using an established grade line, a lump sum reduction in payment for the surface lift of lots representing a day's production will be made as follows:

$$\begin{array}{lcl} \text{(Individual Day's} & & \text{(Monetary Value of the Day's} \\ \text{L.S. Reduction)} & = & \text{Surface Lift Production)} \times \frac{\text{(D - 3/8)}}{\text{ST}} \end{array}$$

Where:

D = The day's average deviation from total pavement thickness shown on the plans excluding lift(s) placed using an established grade line.

ST = Specified thickness for lift.

The total L.S. reduction for the project is the summation of the individual day's reductions in payment.

S-403.05.2--Pay Items

Payment will be made under:

<u>S-403-A:</u>	Hot Mix Asphalt,	(1) _____ (2) _____	- per ton
	Type	Mixture	
<u>S-403-B:</u>	Hot Mix Asphalt,	(1) _____ (3) _____, Leveling	- per ton
	Type	Mixture	
<u>S-403-C:</u>	Hot Mix Asphalt,	(1) _____ (4) _____, Trench Widening	- per ton
	Type	Mixture	
<u>S-403-D:</u>	Hot Mix Asphalt, HT	(3) _____, Polymer Modified Mixture	- per ton
<u>S-403-E:</u>	Hot Mix Asphalt, HT	(3) _____, Polymer Modified, Leveling Mixture	- per ton

- (1) ST, MT or HT
- (2) 4.75 mm mixture, 9.5 mm mixture, 12.5-mm mixture, 19-mm mixture or 25-mm mixture
- (3) 4.75 mm mixture, 9.5 mm mixture, 12.5-mm mixture, or 19-mm mixture
- (4) 19-mm mixture or 25-mm mixture

SECTION S-406 – COLD MILLING

S-406.01--Description. This work consists of removal of pavement materials on the roadway and shoulders by cold milling to the designated depth and, loading, hauling, and disposal of the milled materials by the Contractor in accordance with the plans and specifications, or as directed by the Engineer. The milled surface shall provide a desirable surface free from gouges, continuous grooves, ridges, oil film, and other imperfections of workmanship and shall have a uniform appearance.

S-406.02--Blank.

S-406.03--Construction Requirements.

S-406.03.1--Equipment. The equipment to be used for this work shall be a self-propelled milling machine capable of removing a minimum width of four feet. The equipment shall have sufficient power, traction, and stability to remove material and maintain an accurate grade and cross slope. The equipment shall be capable of accurately and automatically establishing profile grades along each edge of the machine by referencing from the existing pavement with means of an approved profile averaging device with extreme contact points with surface at least 30 feet apart, or from an independent grade line and shall have an automatic system for controlling cross slope. The machine shall be equipped with an integral loading and reclaiming means to immediately remove material being cut from the surface and discharge the cuttings into a truck or windrow, all in one operation.

Adequate back-up equipment, such as mechanical sweepers, loaders, water truck, etc., and personnel shall be provided to insure that all cuttings are removed immediately behind the milling machine.

S-406.03.2--Construction Methods. On the roadway, when hot mix asphalt will be required on the milled area, milling operations shall not begin until the Contractor has an approved job-mix formula and is prepared to begin paving operations. The milled roadway area opened to public traffic shall be covered by placing the first required course within 30 calendar days after milling. During the period from November 1 to March 1, the uncovered milled area shall not exceed one mile of full roadway width.

The pavement and shoulder materials shall be removed to the depth, width, grade, and cross section shown on the plans, or as directed by the Engineer. The number of passes necessary to accomplish the work required herein and on the plans shall be determined by the Contractor.

The surface of the pavement and shoulders, after milling, shall be reasonably smooth and true to the established line, grade and cross section. Areas damaged by the Contractor's operations shall be corrected and/or repaired as directed by the Engineer at no additional costs to the Project. The Contractor shall take necessary action to prevent or minimize the ponding of water on the milled roadway and shoulder.

Where traffic is required to be maintained adjacent to the milled area, no more than a 2¼-inch differential in grade between the milled area and the adjacent surface will be allowed, unless a positive separation in accordance with the plans and specifications is established between the traffic and milled area.

A longitudinal pavement edge that traffic is expected to move across should have an elevation difference of not more than 2¼ inches. If the pavement edge is more than 1½ inches and less than or equal to 2¼ inches, uneven pavement signs will be required as shown in the plans, or contract documents. If the pavement edge is less than or equal to 1½ inches, no uneven pavement signs will be required. Transverse pavement joints shall be sufficiently tapered to allow for the safe movement of traffic.

When traffic is required to be maintained adjacent to milled shoulders, traffic control devices shall be placed in accordance with the requirements of the Traffic Control Plan, or as directed by the Engineer.

It is understood that the milled shoulder shall be covered with the next required course as soon as possible but in no case later than 30 calendar days after milling.

S-406.04--Method of Measurement. Cold milling of pavement, all depths, will be measured by the square yard. Loading, hauling, and disposal will not be measured for separate payment.

S-406.05--Basis of Payment. Cold milling of pavement, all depths, measured as prescribed above, will be paid for at the contract unit price per square yard, which price shall be full compensation for completing the work.

When not shown as a separate pay item in the contract, the price for each item of cold milling shall include the cost of continuous maintenance of traffic and protective services as required by the Traffic Control Plan, including all required individual traffic control devices.

Payment will be made under:

S-406-A: Cold Milling of Bituminous Pavement, All Depths - per square yard

S-406-B: Cold Milling of Concrete Pavement, All Depths - per square yard

SECTION S-407 – TACK COAT

S-407.01--Description. This work shall consist of preparing and treating an existing bituminous or concrete surface with bituminous material in accordance with these specifications and in reasonably close conformity with the lines shown on the plans or established by the Engineer.

MATERIALS

S-407.02--Bituminous Material. The materials shall conform to the applicable requirements of S-702. The particular type and grade will be specified in the contract or by the Engineer.

When emulsified asphalt is used, the Engineer may require dilution with additional water to meet job conditions, but it shall not be diluted without approval of the Engineer.

CONSTRUCTION

S-407.03--Equipment. The Contractor shall provide equipment for heating and applying bituminous material. Heating equipment and distributors shall meet the applicable requirements of S-410.08. Other equipment for applying tack coat shall be approved by the Engineer prior to use.

S-407.04--Preparation of Surface. The existing surface shall be prepared in accordance with S-401.03.6 and S-410.09.

S-407.05--Application of Bituminous Material. The tack coat shall be applied in such a manner as to offer the least inconvenience to traffic and to permit one-way traffic without pickup or tracking of the bituminous material. Tack coat shall not be applied during wet or cold weather, after sunset, or to a wet surface. The quantity, rate+ of application, temperature, and areas to be treated shall be approved prior to application, and the applied tack coat shall be properly cured prior to superimposed construction.

COMPENSATION

S-407.06--Method of Measurement. Tack coat will not be measured for direct payment, but shall be considered a necessary part of the construction involved, and the cost thereof shall be included in the appropriate contract price.

S-407.07--Basis of Payment. Tack coat will be absorbed into the asphalt pay item(s).

SECTION S-601 - STRUCTURAL CONCRETE

S-601.01--Description. This work shall consist of furnishing and placing portland cement concrete for specified structures in accordance with these specifications and in reasonably close conformity with the lines, grades, and dimensions shown on the plans or established by the Engineer.

Structural concrete will be divided into two groups. One group will be designated as Structural Concrete. The other group will be designated as Structural Concrete, Minor Structures. Unless otherwise specified in the contract Structural Concrete, Minor Structures, will include inlets, catch basins, junction boxes, headwalls, and pipe collars, regardless of the concrete quantity required for each of these structures; and other small structures containing less than 3.0 cubic yards of concrete each.

S-601.02--Classification of Concrete. Concrete for this work shall be the class specified on the plans or in the bid schedule of the contract. Classes of concrete are identified in S-804.02.6.

MATERIALS

S-601.03--Materials. Materials for structural concrete and their use, care, and handling shall be in accordance with S-804.02. In addition Type IP portland cement meeting the requirements of S-701.03 will be permitted. Sampling and testing will be in accordance with S-804.02.3. The composition of the concrete for the class specified will be in accordance with the Master Proportion Table for Structural Concrete as shown in S-804.02.10.

S-601.03.1--Precast Units. Design standards normally contemplate that structural concrete will be cast in place. However, the Contractor may request approval from the Engineer to furnish and install precast units in lieu of cast-in-place units. The request shall be accompanied by detailed drawings of the precast units and design data.

The foundation for precast units shall be carefully shaped to the precise contour and grade of the bottom of the unit before the unit is placed.

Precast units which are to be joined to other units shall be designed and manufactured with proper and adequate joints. Joints shall be sealed with a joint material meeting the applicable requirements of S-707.

No additional payment will be allowed for precast units approved for use. Pay items and quantities will be as in cast-in-place in accordance with design standards.

No pre-cast tops on inlets will be allowed. All tops are to be cast in the field and are to match the profile of the roadway curb and gutter. Any tops not matching the curb and gutter profile (slope) will be removed and replaced at contractor's expense. Tops shall also be cast integral with curb and gutter per Sheet 322.

CONSTRUCTION REQUIREMENTS

S-601.04--Composition of Concrete. The composition of the concrete shall be in accordance with S-804.02.

S-601.05--Batching. Measuring and batching of component materials shall be in accordance with the applicable provisions of S-804.

S-601.06--Mixing and Conveying Concrete. Concrete shall be mixed and conveyed in accordance with the applicable provisions of S-804.03.

S-601.07--Cold or Hot Weather Concreting. Requirements for placement, protection, and curing of concrete during cold or hot weather are stipulated in S-804.03.16.

S-601.08--Consistency. The slump of the concrete, determined in accordance with the provisions of S-700.03, shall conform to the applicable requirements of S-804.

S-601.09--Falsework and Forms.

S-601.09.1--Falsework. Falsework shall be in accordance with the applicable provisions of S-804.03.13.

S-601.09.2--Forms. Forms shall conform to the requirements of S-804.03.14.

S-601.09.3--Removal of Falsework, Forms, and Housing. The removal of falsework, forms, and the discontinuance of heating, shall be in accordance with the provisions and requirements of S-804.03.15, and in addition shall conform to the following age or cylinder strength requirements:

<u>Column A</u>	<u>Column B</u>	
Forms not under Stress	24 to 48 hours*, minimum	1,000 psi
Forms under Stress	7 days, minimum	2,200 psi
Backfill and Cover	3 days per foot clear span or clear height, whichever is the greater (10 days minimum)	2,400 psi

* As directed by the Engineer.

If Type IP or Types I or II portland cement plus fly ash is used, only Column B will be applicable.

When the walls and top slab of box culverts and box bridges are not to be poured monolithically, extreme care shall be used when forming and pouring the top slab on walls in which the concrete has not attained its full design strength. In order to prevent damage to fresh concrete, either of the following methods of forming and pouring may be used:

1. Subject to approval by the Engineer, the wall forms and deck forms may be so constructed and separately supported and braced that the walls may be poured and the wall forms removed as for wall forms not under stress. The Engineer may require a detailed plan of the proposed method of forming for his approval. When this method of forming is used, the deck forms shall be in place and adequately and independently supported throughout before pouring the walls. Deck forms shall overlay the top edge and be flush with the face of the inside wall forms, but shall not be dependent upon any part of the inside wall forms for support. The intersection of the wall and deck forms shall be mortar tight. The wall forms may be constructed slightly less than the specified inside clear height of the structure and wedged upward from the bottom of the riser wall to permit easier removal. When this method is used, the concrete in the wall shall be poured flush with the top of the deck form.
2. At the option of the Contractor, the walls may be formed, adequately braced, and poured before the deck forms are in place. In this case the forms may be removed as for walls not under stress. Before erecting any part of the forming for the top slab, the concrete in the walls shall have attained the age or the strength specified for the removal of wall forms under stress.
3. The Contractor may elect to form and adequately support and brace the wall and deck forms as a composite unit before pouring the walls. In this case the outside forms may be removed as indicated for wall forms not under stress provided adequate provisions are made for forming the outer (vertical) surfaces for the subsequent deck pour. The inside wall forms shall remain in place as indicated for wall forms under stress.

S-601.09.4--Damage to Previously Placed Concrete. In the event previously placed concrete is damaged, all work on the affected structure shall cease immediately for an engineering assessment of the damage and the corrective work to be performed. No additional work shall be performed until this determination has been made, and the Engineer has given the Contractor approval to proceed with the corrective work and subsequent construction. All corrective work required shall be performed by the Contractor at no additional cost to the Project.

S-601.10--Foundations and Footings. Foundations for structures shall be prepared in accordance with the requirements and provisions of S-206.

All footings shall be poured "dry". Where footings can be placed in the "dry" without the use of cribs or cofferdams, the Engineer may permit back forms to be omitted, and concrete poured against the faces of the excavation.

S-601.11--Placing Reinforcing Steel. Reinforcing steel shall be placed in accordance with the requirements of S-602 and as shown on the plans.

S-601.12--Handling and Placing Concrete. Handling and placing concrete shall be in accordance with the provisions of S-804.03.6.

S-601.13--Expansion and Fixed Joints. All expansion and fixed joints shall conform to the applicable provisions of S-804.03.18.

S-601.14--Finishing Concrete Surfaces. Unless otherwise authorized, the surface of the concrete shall be finished immediately after form removal.

Surface finishes shall conform to the applicable provisions of S-804.03.19.

S-601.15--Curing Concrete. Concrete shall be cured in accordance with the provisions of S-804.03.17.

S-602 – Reinforcing Steel

S-602.01--Description. This work shall consist of furnishing and placing reinforcing steel in accordance with these specifications and in reasonably close conformity with the dimension, bending, spacing, and other requirements shown on the plans.

MATERIALS

S-602.02--Material Requirements. Reinforcing steel shall conform with the requirements of S-711 and S-805.02.

CONSTRUCTION REQUIREMENTS

S-602.03--Bar List and Order Lists. Lengths of box culverts and box bridges, and depths of inlets, etc. shown on the plans are also approximate. The Contractor shall verify the quantity, size, and shape of the reinforcement for compliance with the structural drawings and make the necessary corrections, if any, before ordering. The Contractor shall be fully responsible for all expenses caused by his failure to furnish the proper size, shape, length, and quantity of reinforcing steel required.

When stipulated in the contract, or at the option of the Contractor when not stipulated, order lists and bending diagrams shall be furnished by the Contractor to the Engineer for approval. In these cases no materials shall be ordered until the lists and bending diagrams have been approved. The approval of order lists and bending diagrams by the Engineer will in no way relieve the Contractor of the responsibility for the correctness of the lists and diagrams. All expense incidental to the revision of materials furnished in accordance with such lists and diagrams to make them comply with the design drawings and lengths shall be borne by the Contractor.

S-602.04--Protection of Materials. Steel reinforcement shall be protected in accordance with S-805.03.1.

S-602.05--Bending. Bending shall be in accordance with S-805.05.

S-602.06--Placing and Fastening. The steel reinforcement shall be accurately placed in the positions shown on the plans and firmly held during the placing and setting of concrete. Bars shall be tied at all intersections, except where spacing is less than one foot in each direction then alternate intersections shall be tied.

All reinforcing steel shall be securely spaced from the forms and between adjacent reinforcement by means of approved precast mortar blocks (of minimum size for adequacy) or metal spacers or devices. Where possible, all spacer devices shall be arranged so that they cannot be detected in the completed structure. Metal devices which are in contact with the exterior surface of the concrete shall be one of the types specified in S-711.02.7. Gravel, pieces of broken stone or brick, metal pipe, and wooden blocks shall not be used for spacers or chairs.

Reinforcement shall be accurately and securely placed to the dimensions shown on the plans, with a tolerance of one-half inch, then inspected and approved by the Engineer prior to the placing of concrete. Concrete placed in violation of this provision may be rejected and its removal required.

Substitution of different size bars will be permitted only with specific authorization by the Engineer. If steel is substituted, it shall have a cross sectional area equivalent to or greater than the design area.

S-602.06.1--Splicing. Except where shown on the plans, splicing of bars will not be permitted without the written approval of the Engineer. Splices, when permitted, shall be staggered as far apart as possible.

Unless otherwise shown on the plans spliced bars shall be lapped twenty (20) diameters. In lapped splices, the bars shall be placed in contact and wired together in a manner that will maintain the minimum clear distance specified between bars and to the surface of the concrete.

Welding of reinforcing steel will be permitted only if detailed on the plans or if authorized by the Engineer in writing. If done, it shall conform to AWS Recommended Practices for Welding Reinforcing Steel, Metal Inserts, and Connections in Reinforced Concrete Construction.

S-602.06.2--Lapping of Mesh and Bar Mats. Sheets of mesh or bar mat reinforcement shall overlap each other sufficiently to maintain a uniform strength and shall be securely fastened at the ends and edges. The edge lap shall be at least one mesh in width.

S-603 – Culverts and Storm Drains

S-603.01--Description. This work shall consist of the construction or reconstruction of pipe culverts, precast box culverts, cattlepasses, storm drains, sewers, downspouts, special sections and headwalls, hereinafter referred to as "conduit," in accordance with these specifications and in reasonably close conformity with the lines and grades shown on the plans or established. It shall also consist of furnishing all materials, and joining the work to other conduit, catch basins, manholes, inlets, etc., as may be required to complete the work as designated.

This work shall also consist of constructing conduits for the encasement of underground utilities or for other use by the method of jacking or boring in accordance with these specifications and in reasonably close conformity with the lines and grades specified on the plans or established.

MATERIALS

S-603.02--Material Requirements. Conduit shall conform to the design and dimensions shown on the plans, and materials shall meet the requirements specified in the following sections or subsections:

Bituminous coated corrugated aluminum pipe and pipe arches	S-709.11
Bituminous coated corrugated metal pipe and pipe arches	S-709.03
Bituminous coated paved invert corrugated aluminum pipe and pipe arches	S-709.12
Bituminous coated paved invert corrugated metal pipe and pipe arches	S-709.04
Bituminous plastic sealer for joints	S-707.05
Cast iron pipe	S-709.01
Concrete arch pipe end sections	S-708.04
Concrete for headwalls	S-601
Concrete pipe cattlepasses	S-708.03
Corrugated aluminum pipe and pipe arches	S-709.09
Corrugated metal pipe and pipe arches	S-709.02
Corrugated poly vinyl chloride (PVC) pipe	S-708.17
Corrugated polyethylene pipe	S-708.17
Elbows and branch connections for concrete pipe	S-708.23
Flexible plastic gaskets for joints	S-707.06
Joint Mortar	S-707.02
Joints for sanitary sewers	S-603.06, S-707.04, S-707.06
Metal end sections, elbows, and branch connections	S-709.18
Non-reinforced concrete pipe	S-708.02
Polymer coated corrugated metal pipe and pipe arches	S-709.05
Precast box culverts	S-708.22
Reinforced concrete arch pipe	S-708.14
Reinforced concrete elliptical pipe	S-708.15
Reinforced concrete end sections	S-708.04
Reinforced concrete pipe	S-708.02
Reinforcing steel	S-602
Rubber-type gaskets	S-707.04
Steel pipe	S-709.19

When material requirements provide for modifications of design, acceptable modified designs will be shown on the plans.

CONSTRUCTION REQUIREMENTS

S-603.03--Excavation. Except for conduit to be installed by jacking and boring, trenches shall be excavated in accordance with the requirements of S-206 to a width sufficient to allow for proper jointing of the conduit and thorough compaction of the bedding and backfill material under and around the conduit. Where feasible, trench walls shall be vertical.

The completed trench bottom shall be firm for its full length and width. Where required, in the case of cross drains, the trench shall have the camber specified.

Where conduit is to be placed in embankment, the excavation shall be made after the embankment has been completed to the specified height above the flow line of the conduit. In all cases the height above flow line shall be at least one foot.

In the case of pipe to be jacked or bored, only the trench excavation and bedding as set out in S-603.11 shall be performed.

S-603.04--Bedding. Except for conduit placed in a vertical position or jacked or bored, the conduit bedding shall conform to one of the classes specified. When no bedding class is specified the requirements for Class C bedding or Class C modified bedding, as applicable shall apply.

CLASS A bedding shall consist of a continuous concrete cradle conforming to the plan details, and constructed on an approved foundation.

CLASS B bedding shall consist of bedding the conduit to a depth of at least thirty (30) percent of the vertical outside dimension of the conduit. The thickness of bedding material beneath the pipe shall be at least four inches. The bedding material shall be sand or selected sandy soil, all of which passes a 3/8" sieve and not more than ten (10) percent of which passes a No. 200 sieve. The layer of bedding material shall be shaped to fit the conduit for at least fifteen (15) percent of its total height. Recesses in the trench bottom shall be shaped to accommodate the bell when bell and spigot type conduit is used.

CLASS C bedding shall consist of bedding the conduit to a depth of at least ten (10) percent of its total height. The bed shall be shaped to fit the conduit and shall have recesses shaped to receive the bell if bell and spigot type pipe is used.

CLASS C MODIFIED bedding shall consist of bedding corrugated conduit to a depth of at least ten (10) percent of its total height. A bedding blanket of approved silty loam, sandy loam, concrete sand, or other approved sand or sandy soil shall be roughly shaped to fit the bottom of the pipe. Minimum thickness before placing pipe shall be as follows:

- 1 inch for 1/2 inch deep corrugations
- 2 inches for 1 inch deep corrugations
- 3 inches for 2 inches or 2 1/2 inches corrugations

For structural plate pipe the length of bedding arc need not exceed the width of the bottom plate.

Bedding for precast concrete box culverts shall consist of at least two inches of granular material (Class 9, Group C or better) placed between graded forms set at least one foot outside each outside wall of the box culvert. The granular material shall be shaped to fit the bottom of the precast box culvert sections by screeding off the graded forms. After placement of the precast box culvert sections on the graded bedding, the forms may be removed and reused.

S-603.05--Laying Conduit. The conduit laying shall begin at the staked location of the downstream end of the conduit line. The lower segment of the conduit shall be in contact with the shaped bedding throughout its full length. Bell or groove ends of rigid conduits and outside circumferential laps of flexible conduits shall be placed facing upstream. Flexible conduits shall be placed with longitudinal laps or seams at the sides.

Paved or partially lined conduit shall be laid so that the longitudinal center line of the paved segment coincides with the flow line. Elliptical and elliptically reinforced conduits shall be placed with the major axis within five degrees of a horizontal plane through the longitudinal axis of the conduit.

Construction requirements for end sections shall conform to the requirements for placing the pipe to which they are joined.

At the Contractor's option, subject to the written approval of the Engineer, concrete headwalls conforming to the MDOT Standard Drawings may be substituted in lieu of premanufactured end sections without change in compensation.

S-603.06--Joining Conduit.

S-603.06.1--Storm Drainage. Rigid conduits shall be bell and spigot design. The method of joining conduit sections shall be such that the ends are fully entered, and the inner surfaces are reasonably flush and even. Unless otherwise specified, joints shall be sealed with preformed rubber-type gaskets.

Joints for precast concrete box culverts shall be made with bituminous plastic sealer.

Rubber-type gaskets shall be installed so as to form a flexible watertight seal.

For joints to be sealed with bituminous plastic, the joining ends shall be wiped clean and dry. The plastic compound shall be applied cold to the entire surface of tongues and grooves, the entire surface of bells and spigots, and the entire area of metal pipes to be covered by connecting bands. Sections of concrete pipe shall be forced together, and sections of metal pipe banded together, with excess compound extruding both inside and outside the pipe. Excess compound shall be removed from interior surfaces, and the exterior shall be finished reasonably flush. After pipe has been joined with bituminous plastic compound, suitable kraft or other approved paper shall be placed over the outside joints to avoid mixing of soil with the compound.

For joints to be sealed with preformed plastic gasket material, the pipe shall be installed in a dry trench. Joints shall be made in such a manner that a slight internal extrusion of the plastic gasket will occur for the full circumference when the sections of pipe are forced together. Installation shall be in accordance with these specifications and the manufacturer's instructions. Plastic gasket material shall be applied only to surfaces which are dry. A primer of the type recommended by the manufacturer of the plastic gasket shall be applied to the tongue and groove and to the end surfaces, and the surface to be primed shall be clean and dry when the primer is applied.

During cold weather the joint surfaces and the gasket shall be lightly heated, without damage to the pipe or joint material, immediately prior to forcing the sections of pipe together. During hot weather the Contractor shall place kraft or other approved paper over the joints to avoid mixing soil with the plastic gasket material.

For joints constructed of either bituminous plastic sealer or preformed plastic material, special care shall be taken to provide an equal uniform joint between pipe sections and to prevent one section from supporting the other.

Backfilling operations may follow immediately.

Flexible conduits shall be firmly joined by coupling bands. The ends of flexible conduits fabricated with helical corrugations shall be adapted by reforming and/or modification for circumferential corrugated coupling bands. The width and thickness of corrugated bands for both circumferential and helical corrugated flexible conduits shall be in accordance with AASHTO Designation: M 36 except that the bands shall be no less than 10½ inches in width.

In lieu of the preceding requirements and in addition to being supplied or recommended by the pipe manufacturer, coupling bands for joining corrugated polyethylene pipe shall be in accordance with AASHTO Designation: M 294 and shall meet or exceed the soil-tightness requirements of the AASHTO Standard Specifications for Highway Bridges, Section 26, paragraph 26.4.2.4 (e).

Corrugated polyethylene pipe may also be furnished with bell & spigot type joints with O-ring rubber gasket meeting ASTM Designation: F 477 placed on the spigot end. At least two (2) corrugations of the spigot end must insert into the bell end.

Joints and fittings for poly (vinyl chloride) (PVC) pipe shall meet the requirements of ASTM Designation: F 949.

S-603.06.2--Pipes With Gaskets. Unless otherwise specified, joints for pipe requiring gaskets shall conform to the following:

- (a) Pipes requiring gaskets shall be constructed to accommodate the gasket in accordance with the recommendations of the manufacturer of the gasket. Rubber gaskets shall comply with S-707.04, and flexible plastic gaskets shall comply with S-707.06.
- (b) In municipalities and other local governments having codes and specifications for joining sanitary sewer conduit, the local codes and specifications shall be applicable.
- (c) Depending upon the type of pipe specified and the joint to be used, the Contractor shall perform the joining in accordance with the recommendations of the manufacturer of the joint material to the extent that the line will be water proofed both from infiltration and exfiltration insofar as is practicable. Evidence of leakage shall be corrected immediately.
- (d) Evidence of leakage or suspected leakage may be cause for requiring the Contractor to perform testing to determine the leakage present. In the case of sanitary sewer lines, leakage exceeding the tolerance permitted under the local governing code, or in the absence of such code the tolerances permitted by the Mississippi Department of Environmental Quality, Office of Pollution Control, will not be allowed. Leakage in excess of the tolerances permitted shall be corrected by reworking the line as necessary. Retesting may be required if deemed by the Engineer to be indicated. All testing shall be at no additional cost to the Project.

S-603.07--Relaid Pipe. These construction specifications shall equally apply to relaid conduits. In addition, conduit salvaged for relaying shall be cleaned of all foreign material prior to reinstallation. All pipe damaged through carelessness or negligence on the part of the Contractor shall be replaced by new pipe or approved pipe at no additional cost to the project.

Pipe and end sections designated for removal and relaying shall be removed in accordance with the provisions of S-202.04.

S-603.08--Field Strutting. Where required by the plans, the vertical diameter of round flexible pipe shall be uniformly increased five percent by means of jacks applied after the entire line of pipe has been installed on the

bedding but before backfilling. The vertical elongation shall be uniformly maintained by means of sufficient sills and struts or by sufficient horizontal ties as specified. Only horizontal ties shall be used for paved invert pipe.

Unless otherwise directed, ties and struts shall be left in place until the embankment is completed and compacted.

S-603.09--Backfilling. Conduit shall be inspected before backfill is placed. Conduit found to be out of alignment, unduly settled, or damaged shall be taken up and relaid or replaced. After approval of conduit, it shall be backfilled with specified material in accordance with S-203.09.3.3.

S-603.10--Blank.

S-603.11--Pipes and Encasements Jacked or Bored. No pipe shall be placed by jacking or boring unless so designated in the contract.

When jacking or boring is designated, the area of placement shall be carefully investigated so as not to interfere with existing underground utilities. Care shall also be taken to keep the disturbed area of construction to a minimum.

Unless otherwise shown on the plans, sections of steel pipe shall be joined by welding for the full circumference of the pipe to form a continuous, rigid, watertight structure of the required length. Welding shall be performed in accordance with S-810.03.5.

S-603.11.1--Jacking. The designated strength of the pipe to be jacked is determined for the final loading under the embankment. Additional reinforcement or strength of pipe required to withstand jacking pressure shall be the responsibility of the Contractor. Extra strength pipe furnished by the Contractor shall be at no additional cost to the project.

Pipe larger than 3 1/2 inches ID shall not be pushed or jacked without boring or otherwise removing the soil as the pipe is advanced.

When required, suitable pits or trenches shall be excavated for the jacking operation and for placing the end joints of pipe. Where necessary, they shall be securely sheeted and braced to prevent caving.

Where pipe is required to be installed under railroads, highways, streets or other facilities by jacking or boring methods, construction shall be done in a manner that will not interfere with the operation of the facility or weaken the roadbed or structure.

Jacks for forcing the pipe through the roadbed shall have a jacking head constructed in such a manner as to apply uniform pressure around the ring of the pipe. The pipe to be jacked shall be set on guides braced together to properly support the section of the pipe and direct it to the proper line and grade. In general, roadbed material shall be excavated just ahead of the pipe, the excavated material removed through the pipe, and the pipe then forced through the roadbed into the excavated space.

When requested, the Contractor shall furnish for the Engineer's approval, a plan showing his proposed method of handling. The plan shall include the design for the jacking head, and show the jacking support or back stop, arrangement and position of jacks, pipe guides, etc., complete in assembled position. The approval of this plan by the Engineer will not relieve the Contractor from his responsibility to obtain the specified results.

The diameter of the excavation shall conform to the outside circumference of the pipe as closely as practicable. Voids which develop during the installation operation and which are determined by the Engineer to be detrimental to the work shall be pressure grouted with an approved mix.

The distance that the excavation extends beyond the end of the pipe will depend upon the character of the excavated material, but shall not exceed two feet in any case. This distance shall be decreased on instructions from the Engineer if the character of the material being excavated makes it desirable.

The pipe shall be jacked from the low or downstream end. Variation in the final position of the pipe from the line and grade established by the Engineer will be permitted only to the extent of two percent in lateral alignment and one percent in vertical grade, provided that the final grade of flow line is in the direction designated.

If the Contractor desires, he may use a cutting edge around the head end which extends a short distance beyond the pipe end and has inside angles or lugs to keep the cutting edge from slipping back into the pipe.

Once jacking of pipe has begun, the operation shall be carried on without interruption, insofar as practicable, to prevent the pipe from becoming firmly set in the embankment.

All pipe damaged in jacking operations shall be removed and replaced by the Contractor at their expense.

Pits or trenches excavated to facilitate jacking operations shall be backfilled immediately after the jacking has been completed.

S-603.11.2--Boring. The boring shall proceed from a pit provided for the boring equipment and workmen. Excavation for pits and installation of shoring shall be as outlined under jacking. The location of the pit shall meet the approval of the Engineer. The holes are to be bored mechanically. The boring shall be done using a pilot hole. By this method an approximate two inch pilot hole shall be bored the entire length of the crossing and shall be checked for line and grade on the opposite end of the bore from the work pit. This pilot hole, when approved, shall serve as the centerline of the larger diameter hole to be bored. Excavated material shall be placed near the top of the working pit and disposed of as required. The use of water or other fluids in connection with the boring operation will be permitted only to the extent to lubricate cuttings as provided herein. Jetting will not be permitted.

In unconsolidated soil formations, a gel-forming colloidal drilling fluid consisting of at least ten (10) percent of high grade carefully processed bentonite may be used to consolidate cuttings of the bit, seal the walls of the hole, and furnish lubrication for subsequent removal of cuttings and installation of the pipe immediately thereafter.

Allowable variation from line and grade shall be as specified under jacking. Precise measures are to be taken to prevent overcutting. Overcutting in excess of one-half inch shall be remedied by pressure grouting.

S-603.11.3--Grouting, Backfilling, and Cleanup. After the jacked conduit is in place, all joints in concrete pipe shall be cleaned carefully and pointed from the inside to afford a smooth continuous interior surface.

Extension of the line beyond that required to be jacked or bored shall be by conventional methods as set out in this section.

As soon after jacking as possible, the interstices around the outside of the pipe shall be filled by pressure grouting. The grout mixture shall consist of fine sand or silt, Type I cement of not less than fifteen (15) percent of volume, and water. The grout shall be placed through holes bored at such intervals that the grout can be determined as rising in an adjacent hole at least six inches above the top of the pipe. The water content of the grout shall be the minimum necessary to provide proper placement. Grouting shall be performed by qualified personnel with equipment especially designed for the purpose.

At the end of each day's grouting operation, or at the completion of the grouting operation for each line of pipe,

whichever occurs first, the conduit shall be carefully inspected on the inside and all grout which has penetrated the pipe shall be removed and the inside surface wiped clean. Other waste grout which will impair the work shall be removed and disposed of at on-project sites as designated by the Engineer.

After successive operations are completed, all sheeting, shoring, etc., shall be removed, excavations backfilled to the surface of the existing ground or as directed, the backfill compacted in accordance with the specifications, and all surplus material disposed of at on-project sites as designated by the Engineer.

SECTION S-604 – MANHOLES, INLETS AND CATCH BASINS

S-604.01--Description. This work shall consist of the construction of manholes, inlets, and catch basins in accordance with these specifications and in reasonably close conformity with the details, lines, grades, and dimensions shown on the plans or established by the Engineer.

Precast sectional manholes shall consist of furnishing and assembling precast sections for manholes, together with necessary fittings, bases, and connections, all constructed in accordance with these specifications and in reasonably close conformity with the details, lines, grades and dimensions shown on the plans, or established.

MATERIALS

S-604.02--Material Requirements. The materials used in this construction shall meet the requirements of the following:

Masonry Brick (Grade SM)	S-706.01 Mortar	S-714.11
Concrete	S-601	
Reinforcing Steel	S-711.01 and S-711.02	
Gray Iron Castings	S-716.04	

Bar gratings, unless otherwise specified, shall be constructed of plain, round, billet steel bars conforming with the requirements of AASHTO Designation M 31, Grade 60 or better.

All bars, anchors, frames, hangers, etc. for castings and plates shall be approved prior to installation.

Inlet and outlet pipes shall be of the type, class and size indicated on the plans and shall conform to the requirements as set out in S-603 for the particular type, class, and size of pipe specified.

Precast units will be considered for use under the provisions of S-601.03.01 and of S-601.04. Precast (sectional) manholes shall conform to the requirements of AASHTO Designation: M 199.

CONSTRUCTION REQUIREMENTS

S-604.03--Construction Details.

S-604.03.1--Brick Masonry. Brick masonry shall be constructed in conformity with the details shown on the plans and in accordance with the provisions of S-611.

Where irons or other fittings enter the brick work, they shall be placed as the work is laid up, thoroughly bonded, accurately spaced, and lined. Upon completion of the masonry and setting of castings and fittings, the inside and outside surfaces of the masonry shall be neatly plastered with mortar 1/2 inch thick. Plastering shall have a uniform, smooth finish and shall be neatly pointed to all fittings.

S-604.03.2--Concrete Masonry. Unless otherwise specified, concrete masonry shall be constructed of Class "B" concrete in accordance with the requirements of S-601.

S-604.03.3--Reinforcement. Reinforcement shall be placed as indicated on the plans or as directed and in accordance with the provisions of S-602.

S-604.03.4--Optional Construction. When plan standards indicate portions of the structure may be constructed of either brick masonry or concrete, the Contractor may use either concrete or brick masonry for these portions, provided the plan dimensions for wall thickness, etc. are maintained. In either case the masonry, whether concrete or brick, will be measured for payment as stipulated in S-604.04.

S-604.03.5--Inlet and Outlet Pipes. Unless otherwise directed, inlet and outlet pipes shall extend through the walls of manholes and catch basins for a sufficient distance beyond the outside surface to allow for connections and shall be cut flush with the wall on the inside surface and neatly pointed.

The concrete, or brick and mortar, shall be constructed around the pipes so as to prevent leakage and to form a neat connection.

S-604.03.6--Castings, Gratings, and Fittings. All castings and gratings shall be carefully handled. Injurious cracks, chips, surface mars, etc. which render them unsuitable for use or unsightly after being placed will be cause for rejection, and if so directed they shall be replaced.

The castings, gratings, and fittings shall be placed as indicated on the plans or as directed to line and grade and in such a manner that subsequent adjustments will not be necessary.

When castings or gratings are to be set in concrete or cement mortar, all anchors or bolts shall be in the correct place and position before the concrete or mortar is placed, and they shall not be disturbed while the concrete or mortar is hardening.

Castings and gratings placed on previously constructed masonry shall be set in mortar beds or anchored to the masonry as shown on the plans or as directed. The bearing surface of the original masonry shall present an even surface and conform to line and grade so that the entire face of the back of the casting will come in contact with the masonry.

Castings and gratings shall be set firm and snug so that they will not rattle, shake, or move unnecessarily.

S-604.03.7--Precast Manholes. As trenches are opened for the pipe conduit, truly leveled bases shall be prepared at each manhole site. The bases may be cast-in-place or may consist of precast base units. In either case, the seated base shall be truly horizontal. Inverts shall be smooth and accurately shaped to a semi-circular bottom conforming to the inside of the adjacent conduit, and extend upward at least half of the diameter of the conduit, or as shown on the plans. Joints shall be sealed in accordance with S-603.

Steps in the manhole may be of cast-iron, aluminum, wrought iron, plastic or other material approved by the Engineer. All steps shall be built into the walls of precast sections in straight alignment to form a continuous ladder with a maximum distance of 16 inches between steps.

Each precast section shall have not more than two holes for handling. The holes shall be plugged with mortar after installation.

Concrete covers may be precast, or cast at the site. The covers shall be cast accurately to the dimensions and design indicated on the plans.

S-604.03.8--Excavation and Backfill. Excavation shall be performed as required for proper construction. Backfill shall be performed in accordance with the provisions of S-203.09.3.3.

S-604.03.9--Cleaning Up. Upon completion, all structures shall be thoroughly cleaned of accumulations of silt, debris, and foreign matter. All surplus material shall be removed, and the site and the structure shall be maintained in a clean and neat condition until final acceptance.

COMPENSATION

S-604.04--Method of Measurement. When either concrete masonry or brick masonry is permitted, and when concrete is specified, measurement will be by the cubic yard in accordance with S-601.16 for Structural Concrete - Minor Structures.

Precast manholes will be measured per linear foot of depth from the flowline of the manhole to the top of the cover, or as indicated on the plans.

Reinforcing steel will be measured per pound in accordance with S-602.07.

When brick masonry only is specified, measurement will be by the cubic yard or per thousand (M) brick in accordance with S-611.06.

Excavation will not be measured for payment as a separate item. The cost of excavation shall be included in the unit price bid for concrete or brick masonry.

Castings, gratings and metallic manhole covers will be computed in pounds from the dimensions shown on the plans and based on the unit weights of metals set out in S-810.04.4.

Fittings will not be measured for separate payment. Their cost shall be included in the price bid for concrete or brick masonry.

S-604.05--Basis of Payment. Structural concrete, reinforcing steel, and brick masonry will be paid for at the respective contract unit price in accordance with S-601.17, S-602.08, or S-611.07 as applicable.

Precast Manholes will be paid for at the contract bid price per linear foot of depth, which price shall be full compensation for all necessary excavation, sheeting, cribbing, shoring, bracing, well-pointing, furnishing and assembling all elements of the manhole including concrete bases & covers except metallic cover and frame, for all other items of work necessary and incident to the complete construction and for all equipment, labor, tools and incidentals necessary to complete the work.

Castings and gratings will be paid for at the contract unit price per pound for castings or gratings, complete in place. These prices shall be full compensation for completing the work specified.

Payment will be made under:

- | | | |
|------------------------|----------------------------------|-------------------|
| <u>S-604-A:</u> | Castings | - per pound |
| <u>S-604-B:</u> | Gratings | - per pound |
| <u>S-604-C:</u> | Precast Manhole, _____" Diameter | - per linear foot |

SECTION S-608 – CONCRETE SIDEWALKS AND DRIVEWAYS

S-608.01--Description. This work shall consist of constructing portland cement concrete sidewalk or driveway on a prepared subgrade in accordance with the plans and specifications. Lines and grades shall be as shown on the plans or established. "Subgrade" in this section shall mean the prepared foundation on which the sidewalk or driveway is constructed.

MATERIALS

S-608.02--Material Requirements. All material furnished for use shall comply with appropriate requirements of the S-700 series of these specifications, and the following:

Concrete shall be Class B meeting the requirements of S-804.

Reinforcing steel shall meet the applicable requirements of S-602 and S-711 and plan details.

Expansion joint filler shall be either premolded or poured and shall conform to the requirements as set forth in S-707 for the particular type specified.

CONSTRUCTION REQUIREMENTS

S-608.03--Equipment. The Contractor may use forms or, if requested in writing and approved by the Engineer, an approved automatic extrusion type paving machine.

Forms shall be wood or metal. If wood, they shall be dressed on all sides, and be free of bulges, warps and loose knots. If metal, they shall be of approved section and have a flat surface on top. The depth of the forms shall be equal to the depth of the sidewalk or driveway. Adequate means shall be provided for securely fastening the ends of forms together.

Prior to use, an automatic extrusion machine must be demonstrated to produce a consolidated concrete section conforming to the dimensions, cross section, line, and grades shown on the plans or established.

S-608.04--Excavation and In-Grade Preparation. Excavation shall be made to the required depth and to a width that will permit the installation and bracing of forms. The foundation shall be shaped and compacted at the proper moisture content to a firm, even surface conforming to the lines, grades, and sections shown on the plans or established. All soft, spongy, or other unsuitable materials encountered shall be removed and replaced with acceptable material.

S-608.05--Setting Forms. Forms shall be set to the required line and grade and rigidly held in place by stakes or braces. Ends of adjoining form sections shall be flush. Forms and division plates shall be cleaned and oiled before placing concrete against them.

S-608.06--Handling, Measuring, Proportioning and Mixing Materials. The method of handling, measuring, proportioning and mixing concrete materials shall conform to S-804. Where reinforcement is required, it shall be placed in accordance with S-602.

S-608.07--Placing Concrete. A template resting upon the side forms and having its lower edge at the elevation of the subgrade shall be drawn along the forms to shape and grade the subgrade before concrete is deposited. The subgrade shall be moist and free of debris and foreign material before concrete is deposited upon it. The concrete

mixture shall be placed on the prepared subgrade to the depth required to complete the sidewalk or driveway in one course. It shall then be vibrated and/or tamped and struck off with an approved straightedge resting upon the side forms and drawn forward with a sawing motion. The surface shall be given a Class 6 float finish as set out in S-804.

The edges of sidewalk shall be rounded with an edging tool having a radius of 1/2 inch. Expansion joints shall be edged with an edger having a radius of 1/4 inch.

The edges of driveways at expansion joints shall be edged with an edger having a radius of 1/2 inch. Curb returns shall be finished as specified for integral curb in S-609.

S-608.08--Joints. Expansion joints shall be of the dimensions specified and shall be filled with the type of premolded expansion joint filler specified. Sidewalks shall be divided into sections by dummy joints formed by a jointing tool or other acceptable means. These dummy joints shall extend into the concrete for at least one inch and shall be approximately 1/8 inch wide. Joints shall match as nearly as possible adjacent joints in curb or pavements. Dummy joints may be sawed in lieu of forming with a jointing tool.

Construction joints shall be formed around all appurtenances such as manholes, utility poles, etc. extending into and through the sidewalk. Premolded expansion joint filler 1/4 inch thick shall be installed in these joints. Expansion joint filler of the thickness indicated shall be installed between concrete sidewalks and fixed structures such as a building or bridge. This expansion joint material shall extend for the full depth of the sidewalk.

S-608.09--Protection and Curing. Concrete shall be protected and cured in accordance with the requirements of S-804.03.17 or by other approved methods.

Placement, protection, and curing of concrete during cold or hot weather shall conform to the limitations, conditions, and requirements set out in S-804.

S-608.10--Backfilling and Cleaning Up. When the concrete has set sufficiently, all forms, bracing, etc., shall be removed and the sides of the sidewalk or driveway shall be backfilled and compacted to the required elevation with suitable material. All surplus material shall be disposed of as directed, and the completed work and the site shall be left in a neat and presentable condition.

COMPENSATION

S-608.11--Method of Measurement. Completed and accepted concrete sidewalks and driveways will be measured for payment by the square yard.

Excavation, backfill, expansion joint material, and other miscellaneous items will not be measured for separate payment.

S-608.12--Basis of Payment. Concrete sidewalks and driveways will be paid for at the contract unit price per square yard, which shall be full compensation for completing the work specified.

Payment will be made under:

<u>S-608-A:</u>	Concrete Sidewalk	- per square yard
<u>S-608-B:</u>	Concrete Driveway	- per square yard

SECTION S-609 – CONCRETE GUTTER, CURB AND COMBINATION CURB AND GUTTER

S-609.01--Description. This work shall consist of constructing curb, gutter, and combination curb and gutter in accordance with these specifications and in reasonably close conformity with the lines, grades, dimensions, and cross sections shown on the plans or as established.

MATERIALS

S-609.02--Material Requirements. Concrete for curb, gutter, and combination curb and gutter shall meet the requirements of S-601.

No bituminous curb will be allowed.

CONSTRUCTION REQUIREMENTS

S-609.03--Excavation and Grade Preparation. Excavation and grade preparation for gutter, curb, and combination curb and gutter shall be performed in accordance with the applicable provisions of S-205.

S-609.04--Cast-in-Place Portland Cement Concrete.

S-609.04.1--Forms. Forms, except for divider plates and templates, may be wood or metal. All forms shall be full depth, straight, and free of warp and shall be securely staked, braced, and sufficiently tight to prevent leakage of mortar. All forms shall be cleaned thoroughly and oiled before placing concrete against them.

Lumber for wood forms shall be sound, free of bulges, loose knots, and warps, and of uniform width. All lumber shall be dressed and at least two inches (commercial) thick, except the Engineer may permit the use of flexible material on short radii.

Metal forms shall be approved sections and shall have a flat surface on top. They shall present a smooth surface and be of sufficient strength when braced to withstand the weight of the concrete without bulging or displacement. Special care shall be exercised to keep metal forms free from rust, grease, or other foreign matter which would discolor the concrete.

Metal templates or dividing plates shall be of sufficient thickness and of such design as to hold the forms rigidly in place and to produce a smooth vertical joint after the plates are removed. They shall be of the full dimensions shown on the plans for curb, gutter, or combination curb and gutter.

S-609.04.2--Proportioning, Mixing, and Placing Concrete. Unless otherwise specified, concrete used for curb, gutters, and combination curb and gutter shall be Class "B" proportioned, mixed, and placed in accordance with the provisions of S-601.

The concrete shall be placed on a moist grade and consolidated by vibration or other acceptable methods. Weep holes shall be placed through curbs where indicated on the plans or as directed.

S-609.04.3--Extruded Construction. Concrete curb and curb and gutter shall be constructed by the use of a curb forming machine. Conventional methods will not be allowed unless approved by the Engineer. Such a machine shall conform to Parts 1, 2, and 5 of S-609.05.2, and in addition, its continued use shall be contingent upon it producing curb with the specified section, line, and grade.

S-609.04.4--Sections and Joints. Concrete curb, gutter, or combination curb and gutter shall be constructed in uniform sections of the length specified on the plans. These lengths may be reduced where necessary for closure but no section less than six feet will be permitted. The templates shall be accurately set before placing the concrete and allowed to remain in place wherever possible until the concrete has set sufficiently to hold its shape, but shall be removed while the forms are still in place.

Expansion joints shall be formed of premolded joint filler of the specified thickness, and shall be placed in line with expansion joints in the adjoining pavement or structure and at other locations designated on the plans. All joint fillers shall be cut to full cross section and shall extend for full depth, width, and length. All expansion joint material protruding after the concrete is finished shall be trimmed as directed. Immediately after removal of forms, the outer edges of filled joints shall be carefully exposed.

S-609.04.5--Finishing. The concrete shall be finished smooth and even by an approved float. Plastering will not be permitted. Strikeoff templates of the form and shape of the gutter shall be used to shape the top surface of gutters. Before final finishing the surface of gutters shall be checked with a ten (10) foot straightedge, and all irregularities of more than 1/8 inch in ten (10) feet shall be corrected. Edges on the faces of curbs shall be rounded with finishing tools having the radii shown on the plans. Edges where templates have been removed or expansion joint material has been placed shall be finished with an edging tool having a radius of 1/4 inch.

All exposed surfaces against which some rigid type of construction is to be made shall be left smooth and uniform so as to permit free movement of the curb, gutter, or combination curb and gutter.

All tool marks shall be removed with a wetted brush or wood float. The finished surface shall be a uniform color free from discolorations.

S-609.04.6--Protection and Curing. Concrete shall be cured for at least seventy-two (72) hours. Curing shall be by moist cotton or burlap mats, waterproof paper, white polyethylene sheeting, or by other approved methods.

The Contractor shall have materials available at all times for the protection of unhardened concrete against rain. During the curing period all traffic, both pedestrian and vehicular, shall be kept off the concrete. Vehicular traffic shall be kept off for such additional time as the Engineer may direct. The Contractor shall protect the work from damage until final acceptance. All sections which are damaged before final acceptance shall be removed and reconstructed by the Contractor without extra compensation.

S-609.05--Bituminous Curbing. Not allowed.

COMPENSATION

S-609.07--Method of Measurement. Complete-in-place concrete gutter, curb, and combination curb and gutter and bituminous curb will be measured by the linear foot along the face of the curb or flow line of gutter. Deduction will be made for driveway openings.

Concrete integral curb, complete in place, will be measured by the linear foot along the face of the curb including the full length of curb return for driveways.

No deduction in length will be made for drainage structures such as catch basins and inlets installed in the curbing.

Excavation backfill, expansion joint material, and other related miscellaneous items will not be measured for separate payment. The cost thereof shall be included in the unit prices bid for other items.

S-609.08--Basis of Payment. This work will be paid for at the contract unit prices per linear foot, complete in place, which shall be full compensation for completing the work specified.

Payment will be made under:

S-609-A: Concrete Gutter (_____) - per linear foot
(Designation)

S-609-B: Concrete Curb, Type - per linear foot

S-609-C: Concrete Curb (Integral) Type - per linear foot

S-609-D: Combination Concrete Curb and Gutter* - per linear foot

* Type may be specified.

SECTION S-617 – RIGHT-OF-WAY MARKERS

S-617.01--Description. This work shall consist of furnishing and placing concrete markers in accordance with the plans and these specifications or as directed. The work also shall include the removal of right-of-way markers from their original locations and resetting at new locations as specified or established.

MATERIALS

S-617.02--Material Requirements. The materials used in this construction shall conform to the requirements of S-706.04.

CONSTRUCTION REQUIREMENTS

S-617.03--Construction Requirements. Markers shall be cast in accordance with the details shown on the plans, the requirements of S-706.04, and the requirements of this section.

Reinforcement shall conform to the details shown on the plans and the requirements of S-602.

All letters and other markings shall be as shown on the plans and shall be neatly imprinted in the markers. Where required on the plans, the markings shall be painted in a workmanlike manner with the type of paint specified.

The markers shall be set to the depth and in the position designated on the plans and established by the Engineer. They shall be set to within 1/4 inch of the lines indicated or established, 1/2 inch of the depth or elevation indicated or directed, and in a vertical position within a tolerance of 1/8 inch per foot. Backfilling shall be made with suitable material thoroughly tamped in six- inch layers. All surplus material shall be disposed of as directed and the site shall be left in a neat and presentable condition.

S-617.04--Removal and Resetting. Markers which are specified to be removed and reset shall be carefully removed and reset at the location indicated and established in accordance with the provisions and requirements of S-617.03.

The Contractor shall replace without additional compensation all markers broken or damaged due to his carelessness or negligence during the removal and resetting operation.

COMPENSATION

S-617.05--Method of Measurement. New and removed and reset right-of-way markers will be measured per each.

S-617.06--Basis of Payment. Right-of-way markers complete in place will be paid for at the contract unit price per each, which shall be full compensation for completing the work specified.

Payment will be made under:

S-617-A: Right-of-Way Markers (_____) - per each
(Type)

S-617-B: Right-of-Way Markers Removed and Reset - per each

S-618—Maintenance of Traffic and Traffic Control Plan

S-618.01--Description.

S-618.01.1--General. This work shall consist of maintaining two-way local traffic at all times, except as provided herein or in other contract documents. It shall consist of removing temporary structures, constructing and maintaining in good condition approach roadways and other facilities required for the maintenance of traffic and furnishing temporary materials therefor, unless otherwise indicated in the contract.

This work shall include furnishing, erecting, maintaining in good condition, and removing all required construction signs, barricades, and temporary traffic stripe.

S-618.01.2--Traffic Control Plan. This work shall also consist of complying with the contract requirements of the Temporary Traffic Control Plan. The purpose of the Temporary Traffic Control Plan is to maintain through and local traffic safely through construction zones. In addition to this section, the Plan includes: S-104.04, S-105.15, S-107.07, and S-107.10; special provisions modifying this section and supplements thereto; individual plan sheets applicable to the plan; and Part VI of the Manual on Uniform Traffic Control Devices (MUTCD), latest edition. These parts of the Plan are listed for the bidders' information and do not change provisions of the contract, listed or unlisted, unless so specifically stated.

Where the plans call for guardrail to be replaced or removed and reset, all material shall be on hand at the time of removal and the resetting will be accomplished as per subsection S-606.05.1.

The Contractor's Traffic Safety Officer's responsibility shall be maintenance of the effectiveness of the Temporary Traffic Control Plan. The Contractor's Traffic Safety Officer's duties shall include the following:

1. Understand the requirements of the MUTCD and contract provisions.
2. Be responsible for assuring compliance of the Contractor's maintenance and protection of traffic relative to the requirements of the contract provisions.
3. Be responsible for maintaining current documentation of deficiencies with respect to the Contractor's maintenance and protection of traffic operations.
4. Be responsible for maintaining documentation on how and when the deficiencies were corrected.
5. Hold Contractor's traffic safety meetings.
6. Be responsible for assuring that all deficiencies are corrected.
7. Be responsible for coordinating maintenance of traffic operations with the Engineer.
8. Be responsible for reviewing Contractor's equipment location storage and operation relative to traffic safety and operation as required by the contract provisions.
9. Be responsible for reviewing Contractor's material location storage and handling of materials relative to traffic safety and operations.

10. Be responsible for maintaining current documentation of deficiencies and corresponding corrections relative to equipment operation, equipment storage, and material handling and storage pertaining to traffic safety and operations.

The Contractor shall also provide a suitable traffic vehicle, adequately marked and equipped, for the use of the Traffic Safety Officer. The Engineer shall be furnished with the telephone numbers where the Contractor's Traffic Safety Officer and a substitute, authorized to act in his absence, may be reached at all times when not on the project. This in no way modifies the requirements of S-105.05 regarding the assignment and availability of the superintendent.

Within three weeks time the Contractor shall provide the Engineer with a copy of each accident report for those accidents occurring within the limits of the project. In the event no accident report is available, the Contractor and the Engineer shall jointly attempt to describe the accident from sources or information that may be available. The Engineer, or other appropriate personnel as required, will analyze these reports to determine if corrective action is needed.

In the event corrective action is indicated, the Contractor shall proceed immediately with same.

The Engineer will designate a responsible person at the project level to monitor the Contractor's compliance with the plan.

MATERIALS

S-618.02--Material Requirements. Unless otherwise specified, the Contractor shall provide all materials for the construction and maintenance of detours required for the maintenance of traffic, except the Engineer may permit the Contractor to use excavation from the roadbed, or other designated sources, that is available at the time of construction of diversions without detriment to the work and provided the excavation is ultimately placed in its final position in the roadbed in an uncontaminated condition. No additional compensation will be made to the Contractor for the extra handling of the material.

Unless otherwise specified, the applicable material requirements set out in the S-700 series of sections or in other contract documents shall apply to all materials used in temporary traffic facilities. The Contractor shall select and use materials that with adequate maintenance or replacement will provide a satisfactory facility for the entire period the temporary facility is required.

CONSTRUCTION REQUIREMENTS S-618.03--Construction Details.

S-618.03.1--General. All diversions shall be constructed and maintained in such a manner that they will adequately carry the required traffic.

Requirements for temporary traffic facilities shown on the plans, or set forth in these specifications, shall be understood to be the minimum requirements anticipated. Actual traffic conditions may require work or devices in addition to those shown on the plans.

Traffic lanes shall be kept free of dust, and when deemed necessary they shall be sprinkled with water, or some other dust palliative shall be applied.

Unless otherwise specified, temporary structures and roads shall be sufficiently strong to safely carry the load permitted on the road under construction. Structures shall be provided with suitable curbs, rails, or other devices as required for the protection of traffic. Unless otherwise specified, walkways when required for pedestrians shall have a clear width of at least four feet and shall be protected from vehicular traffic in the manner specified or directed.

Unless otherwise specified, the Contractor shall remove all temporary diversions, satisfactorily dispose of all surplus materials, grade, finish, and dress the disturbed areas to the required section, and complete all work incidental thereto prior to final acceptance.

S-618.03.2--Barricades, Signs, and Flaggers. The Contractor shall construct, erect, and maintain in good order all barricades and danger and warning signs specified or ordered.

Flaggers shall be stationed at such points as may be deemed necessary. Movable construction signs shall be moved from sections as their use become inapplicable.

Such signs and all other signs and devices of a temporary nature shall be in accordance with the plans, and the MUTCD, as applicable.

S-618.04--Widening, Overlays, and Seal Coats. On widening or widening and overlaying projects, the Contractor shall limit the base widening, pavement removal, undercutting, and patching operations to the lengths that are deemed to be consistent with backfilling and traffic handling requirements.

Pavement edge excavated for widening shall be protected with drums, cones, vertical panels or barricades until the trench is filled and compacted.

On the traffic lane adjacent to the lane being paved, opposing traffic may be alternately routed over the single lane in such a manner as to provide safe movement of the traffic with minimum delay. In such case, flaggers will be required and, when deemed necessary, an approved pilot vehicle with sign meeting the requirements of the plans and the current edition of the Manual on Uniform Traffic Control Devices (MUTCD), shall be provided and operated to control the speed and sequence of movement of the traffic.

A pavement edge that traffic is expected to cross in changing lanes should have an elevation difference of no greater than 1 1/2 inches. There should be adequate signs to warn the traveling public of lane drop-off.

All failed areas that have been removed and all trenches shall be filled and compacted to the elevation of the existing pavement before work is discontinued for the day. In emergencies, the Engineer may permit the use of approved temporary materials for backfill, provided the temporary materials will be adequate to facilitate normal safe movement of traffic. Separate measurement for payment will not be made for the furnishing, placing, maintaining, removing, and disposing of such temporary materials.

Except under the following conditions, no portion of the roadway which is intended to be used for maintenance of traffic shall be blocked after work hours. In exceptional cases when all efforts have been made to restore the surface of the roadway and because of equipment failure or other uncontrollable causes complete restoration is not possible before work must be discontinued for that day, the Contractor shall provide adequate warning signals, barricades, flares, other appropriate devices, and flaggers, appropriately placed or stationed for the protection of the public. The Engineer may also require the use of a pilot vehicle as provided herein.

S-618.05--Contractor's Responsibility. The Contractor shall be responsible for protection against loss or damage from any cause to all temporary structures (including approaches), and shall maintain them in a satisfactory condition until their use is no longer required. If a temporary structure, or approaches, is damaged due to high water or other reasons, it shall be replaced by the Contractor without extra compensation, except that for temporary structure and approaches constructed of materials and the grades and sections indicated on the plans and in accordance with the applicable construction requirements of the contract and adequately maintained, consideration will be given under the conditions and provisions of S-107.17.

The Contractor shall maintain the surface of the existing facility and connections thereto on which he is required to maintain traffic. Such maintenance shall be in accordance with the provisions of S-104.04 and S-105.14 and other applicable requirements and shall be subject to the provisions of S-105.15. All costs for such maintenance and surface repairs shall be included in the lump sum bid.

SECTION S-621 – THERMOPLASTIC TRAFFIC MARKINGS

S-621.01--Description. This work consists of furnishing materials and placing thermoplastic pavement markings in reasonably close conformity with these specifications and the details shown on the plans or established.

MATERIALS

S-621.02--Materials. Thermoplastic material shall meet the requirements of S-720.03, except an alkyd resin shall be used in the formulation when used in construction of stop lines, crosswalks, and legends.

Glass beads shall meet the requirements of S-720.01.

CONSTRUCTION REQUIREMENTS

S-621.03--Equipment. Equipment for hot application shall be of sufficient size and stability to insure smooth, uniform, properly aligned markings of the thickness specified.

The application equipment shall be capable of automatic placement of intermittent and continuous line patterns in single or double line applications simultaneously. The intermittent timer mechanism shall provide a variable ratio of materials applied and variable cycle length such that accurate placement of new patterns, or replacement of existing patterns can be achieved.

The equipment shall also be capable of applying the top dressing of glass beads in a manner which will firmly embed them into the surface of the thermoplastic material for at least one half the diameter of the larger gradation sizes of the beads. The dispensing equipment shall be equipped with an automatic cut-off control for the application of the beads which is synchronized with the cut-off of the thermoplastic material.

S-621.04--Construction Details. Application of thermoplastic material shall be made only in periods of dry weather and when the temperature of the pavement surface is at least 55°F. The pavement shall be surface dry, to the satisfaction of the Engineer, before application will be permitted. The temperature of the thermoplastic material shall be between 400°F and 450°F.

Upon request, the Engineer will establish the control points for markings at necessary intervals not to exceed 600 feet on tangents and more often on curves. All additional work necessary to establish intermediate control points shall be performed by the Contractor. On curves, unsightly variations from the normal curvature will not be permitted unless specifically shown on the plans or ordered by the Engineer.

Immediately before application, the areas to receive markings shall be cleaned thoroughly in accordance with S-619.04. On areas of pavement cured with compound, the membrane shall be removed completely by "shot" blasting, sand blasting or other approved method.

Unless otherwise directed by the Engineer, traffic stripes that are coincidental with the thermoplastic stripe shall be removed prior to placement of the thermoplastic material, except that short-term paint stripe may be left in place when satisfactorily placed in the proper location. Any short-term stripe not covered shall be removed. Payment for removal of stripe, except temporary and short-term stripe, will be made under S-202.

When thermoplastic material is to be applied to portland cement concrete pavements or bridge surfaces, a binder-sealer of the type and amount recommended by the manufacturer of the thermoplastic material shall be applied prior to placement of the thermoplastic material. On other pavement surfaces, a binder-sealer shall be applied under those conditions recommended by the manufacturer of the thermoplastic material.

The thickness of the thermoplastic material, when measured above the surface plane of the pavement, shall be within tolerance of the specified thickness. Unless otherwise specified in the plans or contract documents, the thickness shall be 60 mils for edge lines, 90 mils for centerlines, lane lines, barrier lines and detail stripe including gore markings, and 120 mils for crosswalks, stop lines, and railroad, word and symbol markings. The measured thickness at the center of the line shall be no less than the specified thickness with the edge of the line not thinner than 75% of the specified center thickness and will be checked at intervals of one mile or less as directed by the Engineer.

Any thermoplastic traffic marking less than the required thickness shall be corrected by overlaying with an additional application of thermoplastic material. Any such required overlay will be no less than 30 mils. Although a tolerance of 25 percent from center to edge is allowed, a consistent underrun of any amount in thickness will not be acceptable.

All newly applied thermoplastic material shall be protected from traffic until the material is sufficiently dry so as not to sustain damage from vehicle tires. Any material so damaged, marred or picked up by traffic shall be repaired, and the thermoplastic material tracked onto the pavement shall be removed.

The tolerance for placing thermoplastic stripe shall be the same as required for paint (reference S-619.05).

COMPENSATION

S-621.05--Method of Measurement. Thermoplastic stripe completed in accordance with the plans and specifications will be measured by the mile or by the linear foot. In the case of skip lines, the measurement will include skips. The length used to measure centerline and edge stripes will be the horizontal length computed along the stationed control line.

Detail traffic stripe will be measured by the linear foot from end-to-end of individual stripes. Measurement will be made along the surface of each stripe and will include skip intervals where specified. A normal stripe is 4 to 6 inches wide, as indicated in the plans. Wide stripes will be converted to equivalent lengths of the normal stripes.

Legend, which is to include railroad markings, pedestrian crosswalks and stop lines, will be measured by the square foot or linear foot. Pay areas of individual letters and symbols will usually be shown on the plans and measured by the square foot. Transverse railroad bands, pedestrian crosswalks and stop lines will generally be measured by the linear foot.

S-621.06--Basis of Payment. Thermoplastic traffic markings will be paid for at the contract unit price per mile, linear foot, or square foot, as applicable, which shall be full compensation for completing the work.

Payment will be made under:

<u>S-621-A:</u>	“ Wide Thermoplastic Traffic Stripe (Skip White) (_____) Thickness	- per mile
<u>S-621-B:</u>	“ Wide Thermoplastic Traffic Stripe (Continuous White) (_____) Thickness	- per mile
<u>S-621-C:</u>	“ Wide Thermoplastic Edge Stripe (Continuous White) (_____) Thickness	- per mile

<u>S-621-D:</u>	“ Wide Thermoplastic Traffic Stripe (Skip Yellow) (_____) Thickness	- per mile
<u>S-621-E-1:</u>	“ Wide Thermoplastic Traffic Stripe (Continuous Yellow) (_____) Thickness	- per linear foot
<u>S-621-E-2:</u>	“ Wide Thermoplastic Traffic Stripe (Continuous Yellow) (_____) Thickness	- per mile
<u>S-621-F:</u>	“ Wide Thermoplastic Edge Stripe (Continuous Yellow) (_____) Thickness	- per mile
<u>S-621-G-1:</u>	Thermoplastic Detail Stripe (4" Equivalent Length) (<u>White</u>) (_____) Thickness	- per linear foot
<u>S-621-G-2:</u>	Thermoplastic Detail Stripe (4" Equivalent Length) (<u>Yellow</u>) (_____) Thickness	- per linear foot
<u>S-621-H-1:</u>	Thermoplastic Legend (White) (_____) Thickness	- per linear foot
<u>S-621-H-2:</u>	Thermoplastic Legend (White) (_____) Thickness	- per square foot

SECTION S-627 – RAISED PAVEMENT MARKERS

S-627.01--Description. This work consists of furnishing and placing pavement markers of the types, colors, shapes, and dimensions specified and in reasonably close conformity with the location lines, and details shown on the plans or as directed by the Engineer.

MATERIALS

S-627.02--Materials. Pavement and jiggle markers of the types specified shall conform to the applicable requirements of S-720.06 and shall be listed on MDOT's "Approved Sources of Materials".

Types B through G High Performance reflective markers shall be listed on MDOT's "Approved Source of Materials" for high performance raised pavement markers.

The bituminous adhesive for pavement markers shall meet the requirements of S-720.06.7.

CONSTRUCTION REQUIREMENTS

S-627.03--Construction Requirements.

S-627.03.1--General. Unless waived by the Engineer on the basis of known performance qualifications, the Contractor or approved subcontractor shall certify to the Engineer that sufficient experience has been acquired to have become proficient in the placement of the required markers, or the Contractor or approved subcontractor shall require the manufacturer of the markers to have a qualified technical representative on or immediately available to the project during the application of the markers to assist the Contractor's personnel in the proper application of the adhesive and markers and to render technical assistance to the Engineer as may be deemed desirable.

Any such waiver shall be subject to the conditions set forth in the waiver.

S-627.03.2--Construction Details. The markers shall be installed when the relative humidity of the air is 80% or less, the pavement surface is dry and the temperature of the pavement surface is no less than 50°F. Other pavement marking materials, such as thermoplastic, cold plastic and paint, shall be placed prior to installation of markers.

The portion of the roadway surface to which the marker is to be bonded shall be cleaned so as to be free of dirt, curing compound, grease, oil, moisture, loose or unsound layers, paint and any other material which would adversely affect the bond of the adhesive.

The bituminous adhesive shall be melted and heated in either thermostatically controlled double boiler type units utilizing heat transfer oil or thermostatically controlled electric heating pots. Direct flame melting units shall not be used. The melter/applicator unit shall be suited for both melting and pumping application through heated applicator hoses.

The adhesive shall be heated to between 375°F and 425°F and applied directly to the pavement surface from the melter/applicator by either pumping or pouring. It is important that application temperature be maintained between 375°F and 425°F and lower temperatures may result in decreased adhesion while higher temperatures may damage the adhesive.

The adhesive should be applied in a puddle approximately two-thirds to three-fourths the diameter of the marker. Markers should be applied to the adhesive within 10 seconds to assure bonding. The marker shall be placed in

position by applying downward pressure until the marker is firmly seated with the required adhesive thickness and squeeze out. Excessive adhesive squeeze out shall be removed from the pavement and adhesive on the exposed surfaces of the markers shall be immediately removed. Soft rags moistened with mineral spirits conforming to Federal Specification TT-T-291 or kerosene may be used if necessary, to remove adhesive from exposed faces of pavement markers. No other solvent shall be used.

All markers shall be installed in a uniform line, with controls established by the Engineer. The Engineer will establish controls for each line of markers by setting control points at not less than approximately 600-foot intervals on tangents and 50-foot intervals on curves. All additional work necessary to establish intermediate control points and individual marker points shall be performed by the Contractor, including smoothing out minor irregularities in any line established by the Engineer. On curves, the line of markers on lane lines and edge lines shall follow the normal curvature of the curve and placement on chords or other variations from the normal curvature will not be permitted, unless specifically shown on the plans or ordered by the Engineer.

Reflective markers shall be installed in such a manner that the reflective face of the marker is perpendicular to a line parallel to the roadway centerline. No markers shall be installed over longitudinal or transverse joints of the pavement surface.

The marker shall be protected against impact until the adhesive has hardened. The Engineer shall be the judge as to the minimum time necessary to cure the adhesive for sufficient set to bear traffic. The adhesive may be reheated and reused. However, the pot life at application temperatures shall not be exceeded.

Clean out of equipment and tanks may be performed using petroleum solvents such as diesel fuel or similar materials. CAUTION: Be sure that all heating is off before cleaning operations are begun. All solvent must be removed from the equipment tanks and lines before the next use of the melter.

S-627.04--Method of Measurement: Each type of raised markers acceptably placed will be measured as determined from actual count in place.

S-627.05--Basis of Payment: Raised pavement markers will be paid for at the respective contract unit price per each, which shall be full compensation for completing the work.

Payment will be made under:

<u>S-627-A:</u>	Type A, Non-Reflective White Raised Jiggle Markers_____	- per each
	(Class)	
<u>S-627-AY:</u>	Type AY, Non-Reflective Yellow Raised Jiggle Markers_____	- per each
	(Class)	
<u>S-627-B:</u>	Two-Way Clear Reflective Raised Markers	- per each
<u>S-627-C:</u>	Red-Clear Reflective Raised Markers	- per each
<u>S-627-D:</u>	Two-Way Yellow Reflective Raised Markers	- per each
<u>S-627-E:</u>	One-Way Clear Reflective Raised Markers	- per each
<u>S-627-F:</u>	One-Way Yellow Reflective Raised Markers	- per each

- S-627-G:** Yellow-Clear Reflective Raised Markers - per each
- S-627-H:** Chip Seal Clear Reflective Raised Markers - per each
- S-627-I:** Chip Seal Yellow Reflective Raised Markers - per each
- S-627-J:** Two-Way Clear Reflective High Performance Raised Markers - per each
- S-627-K:** Red-Clear Reflective High Performance Raised Markers - per each
- S-627-L:** Two-Way Yellow Reflective High Performance Raised Markers - per each
- S-627-M:** One-Way Clear Reflective High Performance Raised Markers - per each
- S-627-N:** One-Way Yellow Reflective High Performance Raised Markers - per each
- S-627-O:** Yellow-Clear Reflective High Performance Raised Markers - per each

S-630 – Traffic Signs and Delineators

S-630.01--Description. This work shall consist of furnishing and installing delineators, reflectorized traffic signs and markers and reflectorized warning and railroad crossing signs together with accessories and posts of the designated materials, sizes, shapes, weights and designs in reasonably close conformity with the requirements shown on the plans and set out in these specifications.

In general, the work and materials shall meet the requirements of the "Manual on Uniform Traffic Control Devices for Streets and Highways," or latest revision thereof, except as modified by these specifications or as shown on the plans.

Sign fabrication shall be in a properly equipped plant which shall show evidence of successful experience in fabrication and erection of quality reflectorized highway warning signs.

MATERIALS

S-630.02--Materials. All materials or equipment shall be of new stock and shall be the product of a reputable manufacturer. Completed equipment and materials shall be guaranteed to be free from defects in materials and workmanship for a reasonable period of time after erection.

Materials furnished or used shall conform with the following and shall be subject to inspection and testing as required by the Engineer:

S-630.02.1--Steel Posts. Steel posts for small signs shall be furnished in accordance with S-721.02.3.

Posts for railroad cross buck signs shall be 4" x 6" treated timber. The minimum length shall be fourteen (14) feet when erected.

S-630.02.2--Fabrication of Aluminum Extrusions and Sheets. The fabrication of aluminum extrusions and sheets shall generally conform to the requirements of S-721.03.

S-630.02.3--Concrete shall conform to S-601.

S-630.02.4--Colors and Paints shall match the colors specified by "The Manual on Uniform Traffic Control Devices for Streets and Highways," and S-721.05.

S-630.02.5--Reflective Sheeting. The reflective sheeting materials used in the manufacture of standard Highway and Marking signs shall conform to S-721.06 for brightness, adhesiveness, color, film, surface and durability.

S-630.02.6--Delineators and Prismatic Markers. See S-721.07 for design requirements, fabrication and finishing of the frames, as well as the tests and durability qualifications.

S-630.02.7--Timber Posts for All Signs. See S-721.09 for requirements of size and treatment with pentachlorophenol-petroleum solution.

S-630.02.8--Preparation of Sheet Aluminum or Steel for the Application of Reflective Sheeting or Painting. See S-721.

S-630.02.9--Silk Screen Method of Reflectorization. See S-721.

S-630.02.10--Packing, Storing and Shipping Highway Warning Signs. See S-721.

CONSTRUCTION REQUIREMENTS S-630.03--Construction Methods.

S-630.03.1--Construction Stakes. The Engineer or his authorized personnel will furnish and set a construction stake at each site clearly indicating thereon the respective sign for that site. The Contractor will be required to check all leading dimensions and clearances measured from such stakes and thereafter become responsible for orientation, elevation, offset and level of all signs so erected.

S-630.03.2--Sign Positioning. The glossy surface on sign face may produce specular reflection. Signs shall be positioned to eliminate or minimize specular reflection.

S-630.03.3--Ground-Mounted Highway Signs. Signs shall be erected so that the sign face is truly vertical and at 93° away from center of the travel lane which the sign serves and the direction of travel unless otherwise directed by the Engineer. Where lanes divide or on curves, sign faces shall be oriented so as to be most effective both day and night and to avoid the possibility of specular reflection.

S-630.03.4--Horizontal Clearance and Height. Signs erected at the side of the road shall be placed as shown on the plans.

Where raised edge curbs, guard rails, or paved shoulders are present the sign should ordinarily be placed with its nearest edge two feet outside of such curb or guard rail.

S-630.03.5--Posts. When steel posts are used they shall be ten (10) feet minimum length. Steel posts may be driven in place to a minimum depth of two and one-half (2 1/2) feet with the ground plate at least six inches below the ground elevation.

When treated timber posts are used they shall be set in holes dug to full depth and to sufficient diameter to allow proper tamping and compaction of the backfill. The backfill shall be made with the most suitable material available and shall be tamped until the posts are firm and rigid in a truly vertical position. Treated timber posts shall be a minimum length of ten (10) feet and set to a minimum depth of two and one-half (2 1/2) feet into the ground.

S-630.03.6--Erection of Signs. Erection of signs shall be done in a neat and workmanlike manner. After installation of signs is complete they shall be inspected at night by the Engineer. If specular reflection is apparent on any sign, its positioning shall be adjusted by the Contractor to eliminate this condition.

S-630.03.7--Erection of Delineators. The location of each type of delineators shall be as shown on the plans or as directed by the Engineer. They shall be placed two feet outside the shoulder edge, except in curbed sections where they will be placed two feet outside the face of the curb. The post shall be driven and a driving cap used to protect the post. Posts shall be installed so that the delineator units will be at the elevations specified on the plans or established by the Engineer and they shall be vertical and reasonably true to line and grade. The delineator shall be attached to the post as shown on the plans.

S-630.03.8--Removal of In-Place Signs, Markers and Posts. The Contractor shall salvage existing signs, markers and posts and stockpile at the locations shown on the plans or as directed by the Engineer. Signs and markers shall be removed from posts and be stacked edgewise with paper separators between units. Posts shall be pulled without being bent, and stockpiled off the ground. All handling, hauling and storing shall be such as to avoid damage. The work shall be incidental to items of the contract and separate payment will not be allowed.

S-630.04--Placement and Erection of Railroad Warning and Crossing Signs. This work shall conform to the requirements as shown on the plans and the requirements of American Association of Railroad specifications.

The cross buck signs shall be mounted on the right hand side of the roadway on each approach to the crossing not more than fifteen (15) feet from the center line of the nearest track. It shall not be less than six feet, or more than twelve (12) feet from the edge of the pavement, or less than two feet outside of the paved shoulder or curb. The height shall be approximately nine feet above the level of the highway to the center of the cross buck.

The Railroad Advanced Warning signs shall be yellow disk, 36 inches in diameter, carrying a 90-degree cross buck X and letter RR in black, reflectorized with reflective sheeting and mounted on a wooden post in advance of every railroad crossing. Advance warning signs are required whether the crossing is protected with cross bucks, signals or flaggers. Exception to the installation of advanced warning signs are (1) a minor siding or spur which is infrequently used and which is guarded by a member of the train crew when in use, or (2) in business districts where crossings are fully protected and physical conditions are such that even a partially effective display of the sign is impossible. In areas where low train speeds are prevalent, the advanced warning sign may be placed a minimum of 100 feet from the crossing. Street or road intersections within 100 feet of a crossing may also require additional signs to warn approaching traffic from each intersection road or street.

The Contractor will be required to check all controlling dimensions and clearances mentioned above and become responsible for orientation, elevation, offset and level of all signs erected.

S-630.05--Final Cleaning Up. The Contractor will be required to remove all rejected and unused materials and debris from the right-of-way. He shall restore shoulders and slopes to their original condition. Excess excavation shall be disposed of off the right-of-way at the Contractor's own expense unless otherwise directed by the Engineer. Before final inspection the Contractor shall perform such touching up of paint finishes, cleaning of exposed sign and support surfaces and other cleaning up as may be necessary to ensure the effectiveness and neat appearance of the work.

S-700 – Materials and Tests

S-700.01--General.

Unless otherwise provided, all materials furnished which are to remain in place after final acceptance shall be new and unused before incorporation into the work, except that crushed reclaimed concrete pavement meeting the requirements of S-703, as amended, may be used to produce aggregate for all hot mix asphalt pavements. When allowed by the specifications, Recycled Asphalt Pavement (RAP) may be used in the manufacture of hot mix asphalt pavements.

S-700.02--Glossary of Terms and Definitions.

Aggregate - Inert material such as sand, gravel, lightweight aggregates, broken stone, slag, or combinations thereof.

Argillaceous - Containing or consisting of clay.

Asphaltic Cement - A product of the refining of crude oil to form a residue which is used usually without the addition of more than a small quantity of flux or any liquifying agent of a higher volatile material than the residue itself.

Calcareous Material - A material containing more than 50 percent calcium type material.

Cementitious Material - Portland cement, or blend of portland cement and pozzolan material used as the bonding agent in portland cement concrete. Cementitious shall mean "as having cementing properties".

Clay - The fraction of a soil finer than 0.005 mm that is more or less plastic when wet.

Compaction - The process of obtaining the density of a soil or material.

Contemplated Mean Value (CMV) - The CMV is the desirable average or target value that is designated between extreme limits that are tolerable in materials or workmanship.

Crusher Run - The product of a crushing plant that has not been rescreened or separated into various sizes.

Cutback Asphalt - An asphaltic material obtained from the refining of petroleum by adding to or fluxing the residue from distillation with volatile petroleum fractions to produce a uniform mixture which is capable of becoming quite fluid at relatively low temperatures.

Fineness Modulus - An empirical factor obtained by adding the total percentages of aggregate retained on the Nos. 100, 50, 30, 16, 8, 4, 3/8", 3/4", 1 1/2", and 3" sieves and dividing the sum by 100.

Frame - The part of the work or materials for which the same quality characteristics are specified, such as a base course, an aggregate stockpile, a hot bituminous pavement course, etc.

Gravel - The granular, pebbly material (usually retained on a No. 8 sieve) resulting from the natural disintegration of rock.

Increment - The smallest unit(s) set aside for the sampling and testing process.

Liquid Limit (LL) - The water content, expressed in percentage by weight of the oven dried soil, at which the soil passes from a plastic to a liquid state when subjected to a standard method of determining liquid limit of soils.

Loess - Wind-blown, yellowish-brown loam having little or no stratification.

Lot - A subdivision of a frame, representing a designated quantity of work or materials, and is the unit of such work or materials which will be accepted or rejected.

Mechanical Analysis - The determination of the size and grading of soil particles by standard tests.

Optimum Moisture - The moisture content necessary to obtain the standard density of a soil.

Overburden - Refers to soil or similar material directly above a deposit of rock, sand, gravel, or select material.

Pea Gravel - That portion of uncrushed gravel passing a 3/8 inch sieve and retained on a No. 8 sieve.

Plastic Limit (PL) - The water content, expressed in percentage by weight of the oven-dried soil, at which a soil passes from a solid or semi-solid state to a plastic state when subjected to a standard method of determining plastic limit of soils.

Plasticity Index (PI) - The range of water content through which the soil remains in a plastic condition. This term is the numerical difference between the liquid limit and plastic limit and is a measure of cohesion.

Portland Cement Concrete - A concrete mixture composed of cementitious materials, water, fine aggregate, coarse aggregate and possibly admixture(s).

Sample - The portion taken from a lot and considered to represent the whole or a designated portion of the lot. It may consist of one or more increments or a fractional part of one or more combined increments.

Sand - A fine granular material resulting from the natural or mechanical disintegration of rock. Depending on its use, material may be classed as sand if it passes the 3/8 inch, No. 4 or No. 10 sieve.

Sand Clay - A mixture of sand and clay often found blended so that their opposite qualities tend to maintain a condition of stability under varying moisture contents.

Screenings - Broken rock, limestone, slag, or other material, including the dust, of a size that will pass a 1/2 inch sieve.

Selected Material - Material from approved sources, for use in subbases, bases, or for other specified use.

Shale - A fissile rock formed by the consolidation of clay, mud, or silt having a finely stratified or laminated structure.

Shrinkage Limit (SL) - The maximum calculated water content of a soil at which a reduction in water content will not cause a decrease in the volume of the soil mass.

Sieves - Sieves for testing purposes conforming to the requirements of the standard Specifications for Sieves for Testing Purposes of the AASHTO Designation: M 92.

Silt - The finer particles of organic or rock substance, ranging in size from 0.05 mm to 0.005 mm.

Slag - The nonmetallic product thrown off from molten ore or metal or other processes and used as fine or coarse aggregate.

Soil - A natural aggregate of mineral grains, with or without organic constituents, that can be separated by gentle mechanical means such as agitation in water.

Spall - A relatively small piece or fragment broken from rock, concrete, or other material.

Specific Gravity - The ratio of the weight of a volume of some substance to the weight of an equal volume of substance, usually water, taken as a standard or unit.

Standard Density (Standard Compaction) - The maximum dry unit weight in pounds per cubic foot obtained by the compactive effort exerted under the applicable test designation as provided in S-700.03.

Sublot - The smallest unit(s) set aside from a lot for the sampling and testing process.

Test Portion - The actual quantity of material tested--may be in some instances the whole of the sample or in other instances only a quartered or other portion of the sample.

Test Result - The value of the specified characteristic obtained from testing a single test portion.

Test Value -The value determined as being the test result when only one test is required to satisfy a specified condition, or the average of the test results on two or more test portions of a lot, or a designated portion thereof.

Volume Change (VC) - The decrease in volume of the soil mass when the water content is reduced from a given percentage to the shrinkage limit.

Water-Cement Ratio - The ratio of the weight of water used, including free moisture in the aggregate, to the weight of cementitious material.

Other Definitions - Other applicable definitions as prepared by the Special Committee on Nomenclature and adopted by AASHTO.

S-700.03--Sampling and Testing. Sampling and testing for acceptance and control of materials may be performed at any time prior to incorporation in the work. Sampling and testing for control and acceptance of a work item will be performed progressively as sections of the work item are being constructed or completed, as applicable.

Unless otherwise designated, all tests will be made in accordance with applicable standard methods of AASHTO, ASTM, Federal Specifications, or approved Mississippi Test Methods in effect on the date of advertisement for bids.

S-700.04--Determination of Conformity. The determination of conformity with each required measurable characteristic under the intent of S-105.03 will be made in accordance with the following:

All test values or test results used to determine compliance will be rounded off to the nearest decimal point as expressed in the specification for the particular characteristic under consideration. Fractions beyond the point of rounding amounting to less than 0.50 will be dropped. Similar fractions amounting to more than 0.50 will be rounded off by increasing the last digit within the rounding. Similar fractions, amounting to even 0.50 will be rounded toward the specifications by dropping, or by increasing the last digit within the rounding, as applicable.

The various frames of materials or work will be divided into lots as specified for frequency of sampling and testing, as necessary.

In the case of borderline quality products or a demonstrated trend toward borderline quality products, the Engineer will require the Contractor to improve the quality of the materials or work to more nearly conform to the specifications and may require a suspension of the operations which have resulted in the borderline product or the trend toward borderline quality until such corrective measures have been taken as deemed necessary to produce the contemplated quality products.

All increments of tests for determination of acceptance will be taken by random sampling. However, during or as a result of visual inspection, the Engineer will take increments for testing for progress checks or spot checks at any time and place he may deem necessary to determine weak spots or other progress information. The results of any such progress or spot checks may be used to determine whether or not additional work or corrective action is considered necessary prior to acceptance testing.

Minimum and maximum requirements in these specifications are set out on the basis that the desirable average test value of the materials or work is appreciably above the minimum requirement or appreciably below the maximum requirement established.

S-700.05--Material Certifications and Certified Test Reports. All certifications and certified test reports shall meet the requirements set forth herein except.

S-700.05.1--Certifications. All certifications shall:

- (a) Have letterhead of the manufacturer, producer, supplier, or fabricator.
- (b) Include the project number.
- (c) Itemized list of materials covered by the certification.
- (d) Contain a material conformance statement which certifies that the materials conform to the specific specification requirements. Example: I/We hereby certify the materials listed herein conform to the requirements of S-714.13.
- (e) Signature of a responsible company official.

S-700.05.2--Certified Test Reports. All certified test reports shall:

- (a) Have letterhead of the manufacturer, producer, supplier, fabricator, or laboratory.
- (b) Include name and description of material, lot, batch or heat number, etc., as applicable.
- (d) Show results of each required test, and state that the test was run according to the test method specified.
- (e) Signature of the responsible laboratory official.

S-701 – Hydraulic Cement

S-701.00--General. The following requirements shall be applicable to hydraulic cement:

1. Different brands of cement, or the same brand of cement from different mills, shall not be mixed or used alternately in any one class of construction or structure, without written permission from the Engineer; except that this requirement will not be applicable to cement treatment of design soils, subbases, or bases.
2. The Contractor shall provide suitable means for storing and protecting the cement against dampness. Cement, which for any reason, has become partially set or which contains lumps of caked cement will be rejected. Cement salvaged from discarded or used bags shall not be used.
3. The temperature of bulk cement shall not be greater than 165°F at the time of incorporation in the mix.
4. One barrel (bbl) of cement shall be equivalent to four bags or 376 pounds.
5. Low-alkali cement, with maximum sodium and potassium oxides of 0.6%, will be furnished in all types.
6. Except when otherwise specified or prohibited, either Type I, IP or II portland cement shall be used. Type III portland cement may be used in the production of precast or prestressed concrete members.
7. Acceptance of hydraulic cement will be based on the certification program and job control sampling and testing as established in the SOP.
8. Retests of cement may be made for soundness and expansion within 28 days of test failure and, if the cement passes, it may be accepted. Cement shall not be rejected due to failure to meet the fineness requirements if upon retests after drying at 100°C for one hour, it meets such requirements.

S-701.01--Portland Cement. Portland cement shall conform to the requirements of AASHTO Designation: M 85 with the following exceptions:

The maximum values for the fineness of the grind as set out in Table 2 of AASHTO M 85 are hereby waived for Type I cement to be used in the production of prestressed concrete members.

When Portland cement concrete or cement for soil stabilization is exposed to moderate or severe soluble sulfates, or to seawater, cement types and/or replacement of cement by Class F fly ash (FA) or ground granulated blast furnace slag (GGBFS) shall be as follows:

Cementitious Materials for Soluble Sulfate Conditions

Sulfate Exposure	Water-soluble sulfate (SO ₄) in soil, % by mass	Sulfate (SO ₄) in water, ppm	Cementitious material required
Moderate and Seawater	0.10 - 0.20	150 - 1500	Type II cement or Type I cement with 25% Class F, FA or 50% GGBFS replacement
Severe	0.20 - 2.00	1500 - 10,000	Type II cement with 25% Class F, FA or 50% GGBFS replacement

S-701.02--Masonry Cement. Masonry cement shall conform to S-701.00 and ASTM Designation: C 91.

S-701.03--Blended Hydraulic Cement. When permitted in the contract, blended hydraulic cement shall conform to S-701.00 and AASHTO Designation: M 240.

SECTION S-702 - BITUMINOUS MATERIALS

S-702.00--Bituminous Materials.

S-702.01--General. Bituminous materials shall include asphalt cement, cutback asphalt, or emulsified asphalt and shall meet the requirements of the applicable specifications. The material furnished for any item in any one contract shall be of one brand, type, and grade, unless special permission is obtained otherwise. Materials furnished shall exhibit uniform characteristics.

When more than one grade of material is called for under any item, the Contractor, with the approval of the Engineer, will select the grade to be used.

All testing will be performed in accordance with applicable AASHTO methods unless specifically modified by a Mississippi Test Method (MT____).

Bituminous material shall not be heated during the process of its manufacture, or during construction, to a temperature which causes injury as evidenced by the formation of carbonized particles.

Bituminous material wasted through careless handling or material that has been rendered unfit for use by overheating or long continued heating will not be paid for, and the use of such unfit material will not be permitted.

S-702.02--Measurement. Volumetric measurement of bituminous materials by the U.S. gallon will be based upon a temperature of 60°F. Corrections to this temperature for asphalt cement, cutback asphalts and emulsified asphalt will be made in accordance with the Temperature Correction Tables set out in the MDOT State Aid Standard Operating Procedures.

For purposes of measurement, a U.S. gallon shall be a volume of 231 cubic inches.

When bituminous material is to be paid for by the gallon, the distributor tank(s) or storage tank(s), as applicable, to be used for measurement shall be calibrated by an agency and in a manner approved by MDOT. Each tank shall have an identifying serial number on a steel plate welded or riveted to the tank. In the event the Contractor does not have a calibration chart, previously made by an approved agency, Contractor should perform the calibration and furnish required charts.

The measurements shall be taken when the bituminous material is of a uniform temperature and free of air bubbles. In no case shall the total number of gallons of bituminous material allowed for a tank exceed the capacity of the tank as rated by either the U. S. Interstate Commerce Commission, the State Tax Commission, or MDOT.

S-702.03--Heating Bituminous Material. Tanks for heating and storage of bituminous materials shall be capable of heating the material to the specified temperature under effective and positive control at all times. The heating system shall provide uniform heating for the entire contents of the tank. The circulating system shall be adequate to insure proper and continuous circulation of the material during the entire operating period. Suitable means shall be provided, either by steamjacketing or other insulation, for maintaining the specified temperature of the bituminous material in the lines, meters, weigh buckets, spray bars, and other containers or flow lines.

Thermometers of approved type and adequate range, calibrated in 5°F increments, shall be located at points readily visible. These thermometers shall be kept clean and in good condition at all times.

Where storage tanks are required, the capacity shall be sufficient for at least one day's run.

The heating of bituminous materials shall be rigidly maintained at the "lowest workable temperature."

S-702.04--Sampling. Sampling of bituminous materials will be in accordance with AASHTO Designation: T 40.

S-702.05--Petroleum Asphalt Cement. Asphalt cement shall be homogeneous, free of water and shall not foam when heated to a temperature of 175°C.

Except for use in hot mix asphalt, asphalt cement of the grade specified shall conform to the requirements of S-702.12, Table I or II.

Bituminous material conforming to AASHTO Designation: M 320, Grade PG 58-28 may be used in lieu of petroleum asphalt cement, Grade AC-10.

The bituminous material used in all types of hot mix asphalt shall conform to AASHTO Designation: M 320, Performance Grade PG 67-22, as modified in the table below, except when otherwise specified or when polymer modified hot mix asphalt is specified.

Specifications For Performance Graded Asphalt Binders Not Addressed By AASHTO M 320

	Grade	
Property	PG 67-22	
	Specification	Test Method, ASSHTO
Original Binder		
Flash Point Temperature	minimum 230°C	T 48
Rotational Viscosity	maximum 3 Pa·s @ 135°C	T 316
Dynamic Shear, $G^*/\sin \delta$	minimum 1.00 kPa @ 67°C	T 315
Rolling Thin Film Oven Residue (AASHTO Designation: T 240)		
Mass Loss (RTFO)	maximum 1.00 %	T 240
Dynamic Shear, $G^*/\sin \delta$	minimum 2.20 kPa @ 67°C	T 315
Pressure Aging Vessel Residue (AASHTO Designation: PP1)		
Dynamic Shear, $G^*/\sin \delta$	maximum 5000 kPa @ 26.5°C	T 315
Creep Stiffness, S	maximum 300 MPa @ -12°C	T 313
m-value	minimum 0.300 @ -12°C	T 313

The bituminous material used in polymer modified hot mix asphalt shall conform to AASHTO Designation: M 320, Grade PG 76-22 or PG 82-22. Unless otherwise indicated in the contract, Grade PG 76-22 will be used in polymer modified hot mix asphalt.

Asphalt cement Grade PG 76-22 & PG 82-22 shall be the product resulting from the addition of a polymer modifier to a PG 67-22 or lower grade asphalt cement and not by some other refining technique. The polymer shall meet the requirements of S-702.08.3.

S-702.06--Cutback Asphalts. Cutback asphalt shall consist of a liquid asphalt produced by the fluxing of an asphaltic base with a suitable distillate. It shall be of uniform consistency, free of water, and shall show no separation or curdling prior to use; and shall conform to the following requirements.

S-702.06.1--Rapid-Curing Cutback Asphalt. AASHTO Designation: M 81.

S-702.06.2--Medium-Curing Cutback Asphalt. AASHTO Designation: M 82. The standard naphtha solvent

shall be used when the spot test is performed.

S-702.07--Emulsified Asphalt. Emulsified asphalt shall be homogeneous, showing no separation of asphalt, limits for settlement excepted, after thorough mixing, within 30 days after delivery.

Emulsified asphalts which have been subjected to freezing temperatures while in storage shall be retested and acceptance of the material shall be based on the results of such retest.

Emulsified asphalts, of the grade specified, shall conform to the following requirements:

S-702.07.1--Emulsified Primes. Emulsified Primes shall conform to the requirements of S-702.12, Table III.

S-702.07.2--Anionic and Cationic. Anionic and Cationic Emulsion shall conform to the requirements of AASHTO Designation: M 140 and AASHTO Designation: M 208, respectively, with the following exceptions.

Exception: The required tests on residue may be performed on residue obtained by evaporation at 325°F., three hours, 50 grams, after filtering through a No. 50 sieve; however, in the event of the failure of any test performed on this residue, the emulsion shall be distilled and the test repeated on the residue so obtained.

S-702.07.3--Polymer Modified Cationic Emulsified Asphalt (CRS-2P). Polymer Modified Cationic Emulsified Asphalt shall conform to the requirements of AASHTO Designation: M 316.

S-702.08--Asphalt Additives.

S-702.08.1--Asphalt Antistrip Additives. The antistrip additive shall meet the following properties:

1. The bituminous mixture (with antistrip additive) when tested in accordance with Mississippi Test Method MT-63, shall yield a minimum Tensile Strength Ratio (TSR) of 85 and must show an increase in indirect tensile strength for a water conditioned specimen; and by visual examination of the interior faces of the water conditioned specimen, the proportion of stripped aggregate particles shall not exceed five (5) percent.
2. The rate of application shall be determined for each job-mix formula during the mix design process using Mississippi Test Method MT-63.

3. A stripping test, MT-63, will be performed for each job-mix formula at the beginning of plant production and thereafter, no less than one test per two week's production. A minimum of one stripping test per day of production according to Mississippi Test Method MT-59 shall also be conducted. Should either the TSR (MT-63) or the boiling water (MT-59) stripping test fail, a new antistrip rate shall be established or other changes made immediately that will result in a mixture which conforms to the specifications; otherwise, production shall be suspended until corrections are made.

The antistrip additive shall not present any difficulties in mixing of the liquid asphalt with the particular aggregates proposed for use.

The liquid asphalt and antistrip agent mixture shall meet the viscosity requirements for the grade of liquid asphalt used in the paving mix.

S-702.08.2--Silicone. When specified or permitted, silicone with a viscosity of 1,000 centistokes at 77°F shall be added to the asphalt cement at the rate of one ounce per 5,000 gallons.

S-702.08.3--Polymers. The polymer shall be a Styrene Butadiene Styrene (SBS), a Styrene Butadiene Rubber (SBR) or an equal approved by the Engineer. The polymer shall be thoroughly blended with the asphalt cement at the refinery or terminal prior to shipment to the hot-mix plant. Producers of polymer modified asphalt cement must be listed on MDOT's Approved List of Suppliers of Polymer Modified Asphalt Cement. The producer of the polymer modified asphalt cement shall perform or have performed by an approved laboratory all tests contained in AASHTO Designation: M 320 on a lot basis. A lot shall consist of one (1) refinery or terminal storage tank not to exceed

225,000 gallons. The Producer shall furnish two copies of a certified test report (one copy for the Contractor and one copy for the Engineer) with each shipment. The certified test report shall contain the following:

4. Test results showing complete conformance to AASHTO Designation: M 320.
5. Type and percentage of polymer added.
6. A statement certifying that the transport vehicle was inspected prior to loading and was found to be empty.
7. A statement certifying that the shipment conforms to Mississippi Department of Transportation specifications for the grade of polymer modified asphalt cement specified.
8. A copy of the temperature-viscosity curve attached to the certified test report.

Crumb rubber used as a polymer modifier shall meet the following additional requirements:

Crumb rubber shall be produced by ambient grinding methods. The rubber shall be sufficiently dry so as to be free flowing and to prevent foaming when mixed with asphalt cement. The rubber shall be free of contaminants including fabric, metal, minerals and other non-rubber substances. Up to four percent, by weight of rubber, of talc, such as magnesium silicate or calcium carbonate, may be added to prevent sticking and caking of the particles.

The crumb rubber shall be tested in accordance with AASHTO Designation: T 27 with the following exceptions: a 100-gram sample size and up to 25% dusting agent (talc). Rubber balls may also be used to aid in the sieving of finely ground rubber. The resulting rubber gradation shall meet the gradation limits shown herein.

<u>Gradations of Crumb Rubber Type A</u>	
<u>Sieve Size</u>	<u>% Passing</u>
10	--
20	--
30	--
40	100
60	98-100
80	90-100
100	70-90
200	35-60

The specific gravity of the rubber shall be 1.15 ± 0.05 when tested in accordance with ASTM Designation: D 297, pycnometer method.

The moisture content shall be determined in accordance with AASHTO Designation: T 255, with the exception that the oven temperature shall be $140 \pm 5^\circ\text{F}$ and the weight of the sample shall be 50 grams. The moisture content shall not exceed 0.75% by weight.

No more than 0.01% metal particles shall be detected when thoroughly passing a magnet through a 50-gram sample.

The chemical composition of the crumb rubber shall be determined in accordance with ASTM Designation: D 297 and shall meet the following requirements:

Acetone Extract	Maximum 25 percent
Rubber Hydrocarbon Content	40 to 55 percent
Ash Content	Maximum 10 percent
Carbon Black Content	20 to 40 percent
Natural Rubber	16 to 34 percent

Crumb rubber meeting these specifications shall be supplied in moisture resistant packaging such as either disposal bags or other appropriate bulk containers. Each container or bag of crumb rubber shall be labeled with the manufacturer's designation for the rubber and the specific type, maximum nominal size, weight and manufacturer's batch or lot designation.

The producer of the polymer modified asphalt cement shall furnish the Engineer one copy of the manufacturer's certified test results covering each shipment of crumb rubber. These reports shall indicate the results of tests required by this specification. The reports shall also include a certification that the material conforms with the specifications, and shall be identified by manufacturer's batch or lot number.

S-702.09 and S-702.10--Blank.

S-702.11--Application Temperatures. Bituminous materials for the several applications indicated in the specifications shall be applied within the temperature ranges shown in S-702.12, Table IV.

S-702.12--Tables.

TABLE I
SPECIFICATIONS FOR ASPHALT CEMENT (PETROLEUM)

Test	*AC-5		AC-10		**AC-13	
	Min.	Max.	Min.	Max.	Min.	Max.
Viscosity @ 140°F, poises	400	600	800	1200		
Viscosity @ 140°F, poises	175	--	240	--		
Penetration @ 32°F					25	
Penetration @ 77°F, 100g, 5 sec.	140	--	80	—	65	90
Penetration @ 115°F						325
Flash Point COC, °F	400	--	425	—	450	--
Solubility in Trichloroethylene	99.0	--	99.0	—	99.0	--
Tests on Residue from Thin-Film Oven Test:						
Viscosity, 140°F, poises	---	2250	—	4500		
Ductility, 77°F, 5 cm per min. cm.	100	—	100	—	75	--
% Loss on Heating	---	1.0	---	0.5	—	0.5
Specific Gravity @ 60°F/60°F					1.0	
Spot Test: Standard Naphtha Solvent		Negative for all Grades ***				
Softening Point, °F (R & B)					110	

NOTES: * When cut-back asphalt cement is to be produced as specified in S-702.06, this material shall be the base asphalt.

** This is an asphaltic material used primarily for sealing joints and cracks.

*** If positive, the test must be rerun with a solution of 75% naphtha and 25% xylene.

TABLE II
SPECIFICATIONS FOR ASPHALT CEMENT (PETROLEUM) (Continued)

Test	*AC-5		AC-10		**AC-13	
	Min.	Max.	Min.	Max.	Min.	Max.
Viscosity @ 140°F (60°C), poises	1600	2400	2400	3600	3200	--
Viscosity @ 275°F (135°C), C _S	300	—	350	—	350	
Penetration @ 32°F (0°C)						--
Penetration @ 77°F (25°C) 100g, 5 sec.	60	--	50	—	40	--
Penetration @ 115°F (46°C)						
Flash Point COC, °F	450	--	450	—	450	--
Solubility in Trichloroethylene	99.0	—	99.0	—	99.0	--
Tests on Residue from Thin-Film Oven Test:						
Viscosity, 140°F (60°C), poises	---	9000	—	13500	—	18000
Ductility, 77°F (25°C), 5 cm / min., cm.	80	—	60	—	40	--
% Loss on Heating	---	0.5	---	0.5	—	0.5
Specific Gravity @ 60°F/60°F						
Spot Test: Standard Naphtha Solvent		Negative for all Grades *				
Softening Point, °F (R & B)						

NOTES: * If positive, the test must be rerun with a solution of 75% naphtha and 25% xylene.

TABLE III
SPECIFICATION FOR EA-1 PRIME

Test Requirements	Minimum	Maximum
Furol Viscosity @ 122°F	30	100
Water Content Xylene Distillation, %	3	8
Test on Residue from Distillation		
Ductility @ 77°F, cms.	40	
Solubility in Trichloroethylene, %	97.0	
Asphalt Cement, % of Total Primer	50.0	
Penetration @ 77°F, 100 g., 5 sec.	80	300

SPECIFICATION FOR AE-P PRIME

Test Requirements	Min.	Max.	AASHTO Test Method
25°C SFS Viscosity, sec.	10	50	T-59
5-Day Settlement, %	--	5	T-59
Total Distillate, % weight	--	55	T-59
Oil Distillate, % volume	--	12	T-59
Tests on Residue from Distillation: Distillation to 500°F (AASHTO T-59)			
60°C Float Test, sec.	20	--	T-50
Solubility in TCE, %	97.5	--	T-44

TABLE IV
WORKING TEMPERATURES FOR BITUMINOUS MATERIALS

Bituminous Materials	Temperature, °F			
	Spraying		Mixing	
	Min.	Max.	Min.	Max.
Asphalt All Cements	275	350	225	350
Cutback Asphalts RC & MC				
30	80	150	60	105
70	80	150	95	140
250	100	200	135	175
800	195	270	165	205
3000	235	300	200	240

S-703 -- Aggregates

S-703.01--General. All aggregate sources shall be approved by the Engineer prior to use. All approved aggregate sources will be re-examined periodically for conformance to the quality requirements set herein.

When reference is made to the Los Angeles Test (AASHTO Designation: T 96), the percentage of wear is based on 500 revolutions, unless otherwise specified.

The term "thin or elongated piece" is intended to mean a piece whose length is more than five times its average thickness. Suspected pieces will be chosen from a representative sample, and the length and average thickness will be determined visually.

The term "fractured face" is intended to mean that the approximate area of a fractured face shall not be less than the approximate cross-sectional area at the minor axis of the particle: This area will be visually determined. A piece of aggregate with a small chipped area will not be considered as crushed.

These general provisions shall apply, as applicable, to all the subsections of this section.

S-703.02--Fine Aggregate For Portland Cement Concrete.

S-703.02.1--General Requirements. Fine aggregate for portland cement concrete used in construction of culverts, headwalls, retaining walls, steps, or other minor structures shall consist of natural sand or manufactured limestone sand. Fine aggregate used in major construction, such as concrete pavements and bridges, shall be natural sand unless otherwise designated on the plans or in the special provisions. Natural sand, or manufactured limestone sand, shall be composed of clean, hard, durable, and uncoated particles free of deleterious substances and organic impurities. Fine aggregate from more than one source shall not be used alternately, or mixed, without the written consent of the Engineer. Approval of fine aggregate sources will be based on the following:

- (1) Soundness of aggregates shall meet the requirements set-out in S-703.02.2.3.
- (2) Expansion of mortar bars shall not exceed 0.5% in six months or 1.0% in one year when tested in accordance with ASTM Designation: C 227.

A source of sand may be rejected if experience proves that concrete made from the source does not have a satisfactory service record.

Unless indicated otherwise, fine aggregate shall meet the requirements hereinafter specified.

S-703.02.2--Detail Requirements.

S-703.02.2.1--Deleterious Substances. The quantity of deleterious substances shall not exceed the following limits:

<u>Deleterious Substances</u>	<u>Maximum Permissible Limits (% by Weight)</u>
Clay lumps	0.3
Coal and Lignite (see Note)	0.5
Material Passing the No. 200 sieve	2.0
Other deleterious substances such as shale, alkali, mica, coated grains, and soft and flaky particles	2.0
Total shale, coal, lignite, clay lumps, and other deleterious substances	3.0

Note: No coal or lignite will be permitted in the aggregate used for constructing superstructures of bridges.

S-703.02.2.2--Gradation Requirements. Fine aggregate for concrete shall be well graded from coarse to fine and shall conform to the following:

<u>Square Mesh Sieve</u>	<u>Percent Passing by Weight</u>
1/2 inch	100
3/8 inch	97-100
No. 4	92-100
No. 8	75-100
No. 16	45-90
No. 30	25-70
No. 50	3-35
No. 100	0-10

S-703.02.2.3--Soundness. When subjected to five cycles of soundness test by the use of magnesium sulfate (AASHTO Designation: T 104), the weighed percentage of loss shall not be more than 15.

S-703.02.2.4--Additional Requirements. Fine aggregate shall also meet the organic impurities and mortar-making properties specified in AASHTO Designation: M 6.

S-703.03--Coarse Aggregate For Portland Cement Concrete.

S-703.03.1--General Requirements. Coarse aggregate shall consist of gravel or crushed limestone unless otherwise designated or permitted on the plans or in special provisions.

The gravel or crushed limestone shall be hard, durable particles that are thoroughly clean, free from adherent coatings of injurious character, and reasonably free of soft or disintegrated pieces, frozen lumps, vegetable, or other deleterious matter. Coarse aggregate from more than one source shall not be used alternately, or mixed, without the written approval of the Engineer. Approval of coarse aggregate sources will be based on the following:

- (1) Soundness of aggregates shall meet the requirements set out in S-703.03.2.3.
- (2) Resistance to abrasion shall meet the requirements set out in S-703.03.2.2.
- (3) Expansion of mortar bars shall not exceed 0.5% in six months or 1.0% in one year when tested in accordance with ASTM Designation: C 227.

A source of coarse aggregate may be rejected if experience proves that concrete made from the source does not have a satisfactory service record.

S-703.03.2--Detail Requirements.

S-703.03.2.1--Deleterious Substances. The quantity of deleterious substances shall not exceed the following maximum limits:

Deleterious Substance	For General Use	For Bridge Superstructures
	(Percent by Weight)	
Shale	1.00	1.00
Coal, Lignite, or combination of the two	0.5	None
Clay lumps	0.3	0.3
Material passing the No 200 sieve:		
Limestone	1.5	1.5
Other Materials	1.0	1.0
Thin or elongated pieces		
(S-703.01) Soft fragments Free	15.0	15.0
Shells	3.0	3.0
Sticks (oven-dry)	1.0	1.0
Shale, coal, lignite, clay lumps, and soft fragments, total	None	None
Other deleterious substances	3.0	2.5
	1.0	1.0

S-703.03.2.2--Percentage of Wear. When coarse aggregate is subjected to the Test for Abrasion of Coarse Aggregate, AASHTO Designation: T 96, the percentage of wear shall not be more than 40.

S-703.03.2.3--Soundness. When subjected to five cycles of soundness test by the use of magnesium sulfate, the weighted percentage of loss shall not be more than 15.

S-703.03.2.4--Gradation. Coarse aggregate for cement concrete, of the type designated, shall be well-graded from coarse to fine, and shall conform to the following:

Table of Sizes and Gradation of Coarse Aggregate for Portland Cement Concrete

Square Mesh Sieves	Percent Passing (by Weight)			
	Size No. 467	Size No. 57	Size No. 67	Size No. 7
2 inch	100			
1-1/2 inch	95-100	100		
1-1/4 inch *				
1 inch		80-100	100	
3/4 inch	35-70		80-100	100
1/2 inch		25-60		90-100
3/8 inch	10-30		20-55	40-70
No. 4	0-5	0-10	0-10	0-15
No. 8		0-5	0-5	0-5

*NOTE: A maximum tolerance of three percent retained on the one-inch sieve will be allowed for aggregate Size No. 67 provided all of the material passes a one and one-fourth-inch sieve. This tolerance is not applicable for Class F and Class FX Concrete.

The gradation from any one source shall be reasonably uniform and not subject to the extreme limits of gradation shown in the table.

For the purpose of determining the degree of uniformity, a fineness modulus determination will be made upon representative samples from the sources proposed for use by the Contractor. Coarse aggregate from any one source, having a variation in fineness modulus greater than 0.20 from the approved base modulus of the source may be rejected or may be accepted subject to changes in the proportions used, as directed.

S-703.04--Aggregate for Crushed Stone Courses.

S-703.04.1--Coarse Aggregate. Coarse aggregate, defined as material retained on No.8 sieve, shall be either crushed stone, slag, granite, shell; gravel, or combination thereof. When the required properties of the mix are not obtained with uncrushed gravel, the addition of crushed gravel or other approved material is required.

Individual sources of coarse aggregate shall conform to the following quality requirements:

Percentage of wear shall not exceed 45 when tested in accordance with AASHTO Designation: T 96.

The coarse aggregate shall have a minimum dry rodded unit weight of 70 pounds per cubic foot when tested in accordance with AASHTO Designation: T 19.

S-703.04.2--Fine Aggregate. Fine aggregate, defined as material passing no. 8 sieve, shall consist of hard, durable particles of naturally disintegrated rock, or material obtained by crushing stone, slag, gravel or combination thereof. Fine aggregate, when manufactured, shall be manufactured from material meeting the quality requirements for coarse aggregate, and it shall be free of lumps of clay and friable particles, loam, organic or foreign matter.

Individual sources of fine aggregate shall be non-plastic when tested in accordance with AASHTO Designation: T 90.

Natural deposits of fine aggregate shall contain no more than 10 percent by weight passing the No. 200 sieve when tested in accordance with AASHTO Designation: T 11.

Fly ash, when used as a portion of the fine aggregate to obtain desired properties of the mixture, shall be from an approved source.

When the fine aggregate is combined with other aggregate fractions in the proper proportion, the resultant mixture shall meet the requirements of S-703.04.3 and the job-mix formula.

S-703.04.3-Gradation. Aggregates for crushed stone shall be well-graded from coarse to fine, and shall conform to the following:

TABLE OF SIZES AND GRADATION OF CRUSHED STONE AGGREGATE

Sieve Size	Percent Passing by Weight		
	Size ¾ inch and Down	Size No. 610	Size No. 825 B
2 inch			100
1 1/2 inch		100	90 - 100
1 inch	100	90 - 100	75 - 98
3/4 inch		70 - 100	
1/2 inch		62 - 90	60 - 85
3/8 inch	50 - 85	50 - 80	
No. 4	35 - 65	40 - 65	40 - 70
No. 8			28 - 54
No. 10	25 - 50		
No. 16			19 - 42
No. 40	15 - 30	12 - 26	
No. 50			9 - 32
No. 200	5 - 15	5 - 12	4 - 18

S-703.05--- Blank.

S-703.06--Aggregates for Hot Mix Asphalt.

S-703.06.1--Coarse Aggregates. Coarse aggregate, material retained on the No. 8 sieve, shall be either crushed stone, slag, or granite; shell; expanded clay; expanded shale; crushed gravel or combination thereof. Crushed reclaimed concrete pavement shall also be allowed as a coarse aggregate provided it meets the quality requirements below and the final product produced therefrom meets all other specification requirements.

The percentage of wear shall not exceed 45 when tested in accordance with AASHTO Designation: T 96.

When tested in accordance with AASHTO Designation: T 19, the dry rodded unit weight of all aggregates except expanded clay and shale shall not be less than 70 pounds per cubic foot, and crushed slag used in the surface course shall have a dry rodded unit weight of not more than 90 pounds per cubic foot except the maximum unit weight is waived for chromium slag.

The coarse aggregate shall be free of any injurious coating which will prohibit the adherence of asphalt to the aggregate particles.

The percentage of loss shall not exceed 20 when tested for soundness using magnesium sulfate in accordance with AASHTO T 104.

Shell shall consist of durable, washed particles of dead clam or dead reef oyster shell, or combination thereof. The shell shall be free of objectionable matter such as sticks, mud, clay lumps, cannery or live shell, or other deleterious matter. Not more than five percent by weight of the dredged material shall pass the No. 200 sieve; any such material shall be dispersed throughout the mass.

S-703.06.2--Fine Aggregates. Fine aggregate, material passing the No. 8 sieve, shall consist of hard, durable particles of naturally disintegrated rock, or material obtained by crushing stone, slag, gravel, reclaimed concrete pavement, or combinations thereof. Fine aggregate produce from crushing reclaimed concrete pavement shall be manufactured from material meeting the quality requirements for coarse aggregate.

Fine aggregate shall be free of lumps of clay and friable particles, loam, organic or foreign matter.

Fine aggregate produced by crushing stone, slag or gravel shall be manufactured from aggregate meeting the quality requirements of coarse aggregate.

Individual sources of fine aggregate shall be non-plastic when tested in accordance with AASHTO Designation: T 90.

Natural deposits of fine aggregate shall contain no more than 10 percent by weight passing the No. 200 sieve when tested in accordance with AASHTO Designation: T 11.

Individual fine aggregate components shall be of such consistency and dryness that a uniform and even flow from the cold feed will be provided.

Fly ash shall not be used in hot mix asphalt pavements.

S-703.07--Granular Materials.

S-703.07.1--General. Granular materials shall be composed of a natural or manufactured mixture of soil binder and sand; soil binder, sand and gravel; stone; slag; or combinations thereof. The mixture shall have satisfactory cementing qualities and shall be homogeneous in character and reasonably free of clay balls, vegetable matter, or other deleterious substances that cannot be classed as serviceable.

To insure adequate soil drainage through the shoulders, no material used above the design soil in the construction of shoulders shall have a minus No. 200 sieve fraction, liquid limit, or plasticity index appreciably exceeding like characteristics in the adjacent subbase or base courses.

S-703.07.1.1--Fine Aggregate (Portion Passing The No. 10 Sieve). The fine aggregate shall be composed of a natural or artificial mixture of soil binder and granular material.

The soil binder shall be clay or silt or other materials, or combinations thereof having satisfactory cementing qualities, homogeneous in character, and reasonably free of vegetable matter, clay balls, or other deleterious substances that cannot be classed as serviceable. The granular portion shall be composed of sand, stone, or slag screening and shall be hard and durable and preferably sharp.

S-703.07.1.2--Coarse Aggregate (Portion Retained on the No. 10 Sieve). The coarse aggregate shall be composed of gravel, stone, slag, or combinations thereof, and shall consist of hard, durable particles reasonably free of vegetable matter or other deleterious substances. Materials that break up and weather rapidly when alternately frozen and thawed or wetted and dried shall not be used.

Coarse aggregate, when tested in accordance with AASHTO Designation: T 96, shall have a percentage of wear not to exceed 50.

S-703.07.2--Gradation. The gradations shown in the following tables are the maxima and minima for all sources, and the gradation from any one source shall be reasonably uniform and not subject to the extreme limits in the tables. It shall be the responsibility of the Contractor to furnish a material which will have sufficient silt and clay, within the ranges permitted in the tables, to insure that the material will, when processed as specified, bind together and form a stable course and will, when properly compacted, have the required density.

The gradation of the composite mixture shall meet the applicable requirements of the following tables:

Percentage (by weight) Passing Square Mesh Sieves

Class	1 & 2	3 & 4	5 & 6	7	8	9	10
Passing							
3 inch	100	100	100	100	100	100	100
1-1/2 inch	85-100	85-100	85-100				
1 inch	65-100	65-100	65-100				
1/2 inch	35-90	35-90	35-100				
No. 4	30-70	30-75	30-85				
No. 10	30-50	30-57	30-65	30-100	30-100	30-100	30-100

Note: The minimum percentage passing the No. 10 sieve may be lowered to 25% by the Engineer if proper placement characteristics and stability can be obtained by the coarser gradation.

Material Passing the No. 10 Sieve

Class	1	2	3	4	5	6	7	8	9	10
No. 10	100	100	100	100	100	100	100	100	100	100
No. 40	20-80	20-90	20-90	20-90	20-100	20-100	40-80	20-85	20-100	20-100
No. 60	15-70	15-80	15-80	15-80	15-80	15-80	30-70	15-70	15-85	15-100
No. 200	8-40	6-40	8-40	6-40	8-40	6-40	10-40	8-40	6-40	8-60

Material Passing the No. 40 Sieve shall meet the following:

Group Symbol	LL Max.	PI	
		Min.	Max.
A B C	25		6
**D	25		8
**E	30		10
	35		15
	35	6	15

General Note: Material will be designated in the contract by Class _____, Group _____.

- ** In the case of Group D material, the range of PI shall be no more than nine in any half-mile section. When Group E material is specified in the contract, that portion to be treated with cement may be less plastic or non-plastic except that the range in PI shall be no more than nine in any half-mile section.

S-703.07.3--Sampling and Testing. The material shall be sampled and tested as outlined in S-700.03.

S-703.08--Mechanically Stabilized Courses. Specified aggregates meeting the requirements of S-703.20 when combined with soils or other aggregates as required will be tested for gradation and plasticity of the composite mixture.

In the case of gravel, stone, or slag aggregates or combinations thereof, the composite mixture will be designated in the contract as Type A, Type B, or Type C. In the case of reef shell or clam shell aggregates or combinations thereof, the composite mixture will be designated in the contract as Type D.

The composite mechanically stabilized mixture of the type and group specified in the contract shall meet the following requirements:

Percentage (by weight) Passing Square Mesh Sieves				
Type	A	B	C	D
3 inch	100	100	100	95 - 100
1-1/2 inch	85 - 100	85 - 100	85 - 100	
1 inch	65 - 100	65 - 100	65 - 100	
1/2 inch	35 - 90	35 - 90	35 - 100	
No. 4	30 - 70	30 - 75	30 - 85	
No. 10	30 - 50	30 - 57	30 - 65	55 (Max.)
No. 40				

Material Passing the No. 40 Sieve shall meet the following:

Group Symbol	LL Max.	PI	
		Min.	Max.
A B C	25	6	6
**D	25		8
**E	30		10
	35		15
	35	6	15

Note: Desired product will be designated in the contract as Type _____, Group _____

- ** In the case of Group D material, the range of PI shall be no more than nine in any half-mile section. When Group E material is specified in the contract, that portion to be treated with cement may be less plastic or non-plastic except that the range in PI shall be no more than nine in any half-mile section.

S-703.09 thru S-703.13 -- Blank.

S-703.14--Aggregate for Bituminous Surface Treatments.

S-703.14.1--General Requirements. Aggregate for bituminous surface treatments and liquid seals shall consist of crushed stone, crushed slag, gravel, or expanded clay as specified in the contract.

Only one kind and type of aggregate shall be used on a single course unless otherwise authorized in writing by the Engineer.

S-703.14.2--Detail Requirements.

S-703.14.2.1--Gradation. Aggregates shall conform to the gradation requirements contained in the following table:

GRADATION REQUIREMENTS FOR COVER AGGREGATE

Square Mesh Sieve	Coarse Aggregate Cover Material			Seal Aggregate Cover Material			
	Slag, Stone, Granite or Gravel (Crushed or Uncrushed)			Slag, Stone, Granite or Crushed Gravel		Slag or Expanded Clay	
	Size No. 5	Size No. 56	Size No. 6	Size No. 7	Size No. 89	Size No. 7	Size No. 8
Percent Passing Square Opening Sieves							
1 1/2 inch	100	100					
1 inch	90-100	90-100	100				
3/4 inch	20-55	40-85	90-100	100		100	
1/2 inch	0-10	10-40	20-55	90-100	100	90-100	100
3/8 inch	0-5	0-15	0-15	40-85	90-100	40-85	85-100
No. 4		0-5	0-5	0-15	20-55	0-15	10-30
No. 8				0-5	5-30	0-5	0-10
No.16					0-10	0-5	0-5

The size coarse aggregate cover material and the size seal aggregate cover material shall be as specified in the bid schedule of the contract; however, only one type of aggregate shall be used unless otherwise authorized by the Engineer in writing.

S-703.14.2.2--All Materials. The quantity of deleterious substances shall not exceed the limits set out in S-703.03.2.1 for general use.

When subjected to five cycles of Soundness Test for Coarse Aggregate by use of magnesium sulfate, the weighted percentage of loss shall not be more than 15.

The percentage of wear, when tested for abrasion in accordance with AASHTO Designation: T 96, shall not be more than 40%.

S-703.14.2.3--Crushed Stone. Crushed stone shall consist of clean, tough, durable, uncoated fragments free from an excess of soft or disintegrated pieces.

S-703.14.2.4--Crushed Slag. Crushed slag shall be air-cooled slag consisting of angular fragments, reasonably uniform in density and quality, and reasonably free of dirt or other objectionable matter. Crushed slag shall have a

dry-rodded weight of 70 to 90 pounds per cubic foot when tested in accordance with AASHTO Designation: T 19 and shall not contain more than 10 percent by weight of glassy particles. The maximum unit weight is waived for chromium slag.

S-703.14.2.5--Crushed Gravel. Crushed gravel shall be composed of clean, tough, durable particles of gravel, free from excess dirt or other objectionable matter. At least 85% by weight of the particles retained on the No. 10 sieve shall have one or more fractured faces.

S-703.14.2.6--Uncrushed Gravel. Uncrushed gravel shall be composed of clean, tough, durable particles free from excess vegetable or other objectionable matter. It shall meet the requirements specified above for all materials as to deleterious substances.

S-703.14.2.7--Expanded Clay. Expanded clay aggregate shall be the product of a plant approved by the Engineer. It shall conform to the gradation requirements in the preceding table and to requirements of ASTM Designation: C 330, with the following exception: The loss by abrasion shall not be more than 40% when subjected to the Los Angeles Abrasion Test, AASHTO Designation: T 96.

When used for sealing joints, the soundness and abrasion requirements will be waived.

S-703.15--Blank.

S-703.16--Mineral Filler. Mineral filler shall consist of shell dust, limestone dust, portland cement, or other calcareous type materials having a high affinity for asphalt. The source of the material shall be approved by the Engineer.

Mineral filler shall meet the following gradation requirements:

Passing the No. 30 sieve, %	100
Passing the No. 50 sieve, not less than, %	95
Passing the No. 200 sieve, not less than, %	65

S-703.17--Blank.

S-703.18--Mortar Sand. Sand for mortar shall consist of hard, strong, durable, uncoated mineral or rock particles, free of injurious amounts of organic or other deleterious substances. It shall not contain, by weight, more than three percent clay or inorganic silt or combination thereof.

Mortar sand shall be uniformly graded from coarse to fine within the following limits:

<u>Sieve Size</u>	<u>% Passing</u>
No. 4	100
No. 8	97-100
No. 50	8-40
No. 100	0-10
No. 200	0-5

Mortar sand shall meet other requirements of AASHTO Designation: M 45.

S-703.19--Blank.

S-703.20--Aggregate for Stabilizer.

S-703.20.1--General Requirements. The material for stabilizer aggregate shall meet the requirements hereinafter specified for each type.

The gradation limits shown below are the maxima and minima for all cases, and a closer control appropriate to the job materials will be required for the specific project. Each type of aggregate shall be uniformly graded from coarse to fine. Skip-graded material will not be acceptable.

S-703.20.2--Detail Requirements.

S-703.20.2.1--Gravel, Stone, or Slag Coarse Stabilizer. Gravel or stone shall be composed of hard, tough, durable particles reasonably free of injurious or deleterious substances. The percentage of wear, when tested in accordance with AASHTO Designation: T 96, shall not exceed 50%. Slag shall be air-cooled slag, consisting of angular fragments, reasonably uniform in density and quality, and reasonably free of dirt or other objectionable matter. The weight shall be not less than 70 pounds per cubic foot. The percentage of wear, when tested in accordance with AASHTO Designation: T 96, shall not exceed 50%.

S-703.20.2.2--Shell. Shell shall consist of durable, washed particles of slaked clam or reef shell or combination thereof. The shell shall be free of objectionable matter such as sticks, mud, clay lumps, or other deleterious matter. Not more than four percent by weight of clay and sand will be permitted and such material shall be dispersed throughout the mass.

Clam shell shall consist of washed dead clam shell. Reef shell shall consist of washed dead oyster shell and not contain cannery or live shell.

S-703.20.2.3--Medium and Fine Stabilizer. Medium aggregate stabilizer and fine aggregate stabilizer shall consist of sand, stone, shell, and/or slag screenings.

Slag screenings, sand, or stone shall be composed of hard, durable particles reasonably free of injurious amounts of soft or flaky particles, dust lumps, organic, or other deleterious substances. Shell shall comply with the requirements set out S-703.20.2.2.

S-703.20.3--Gradation. The gradation of the various types of stabilizer shall be as follows:

PERCENT PASSING (BY WEIGHT)					
Type	Shell	Coarse		Medium	Fine
Material		Gravel, Stone, or Slag		Gravel, Stone, Slag or Shell	
Square Opening Sieves		Size I	Size II Note (1)		

2 1/2"	90-100				
2"		100			
1 1/2"		90-100	100		
1"		80-100	97-100		
3/4"		55-100	55-100		
1/2"		35-85	35-85	100	
3/8"		12-65	12-65	97-100	
No.4 Note (2)		0-30	0-30	92-100	
No. 10		0-8	0-8	80-100	100
No. 40				10-40	80-100
No. 60				0-20	30-100
No. 100					15-80
No. 200	0-5	0-4	0-4	0-5	0-30
PI Material					
Passing No. 40				6 or less	0

Note (1): Size II is intended for use in bases in which portland cement is used.

Note (2): Ground shell shall contain at least 97% passing the No. 4 sieve.

S-703.20.4--Stabilizer Aggregate, Local Materials. When local materials are designated for use as stabilizer aggregate, their requirements will be shown on the plans or in the special provisions.

S-703.21--Borrow Excavation. Borrow excavation shall be composed of a natural or manufactured mixture of sand, silt, and clay or combinations of sand, silt, clay, gravel or stone. The material shall have satisfactory cementing qualities, shall be reasonably free of vegetable matter or other deleterious substances that cannot be classed as serviceable, and shall be such that when properly compacted will form a dense mass. When rock or stone is used in the embankment, it shall be so graded and manipulated that the embankment will contain no appreciable interstices.

Borrow excavation from outside the right-of-way is divided into classes, each class conforming to the requirements set-out in the following table:

Class	1	2	3	4	5	6	7	8	9	10
Percent Passing No. 200 Sieve (Max.)	25	35	10	35	35	35	100	100	100	100
Fraction Passing No. 40 Sieve - Liquid Limit (Max.)	--	40	--	45	40	45	40	55	40	55
Plasticity Index, (Max.)	6	10	np	10	20	25	10	10	20	--

The Class of material will be specified in the contract.

When the contract contains a numerical designation after the class number, it shall be understood to indicate the requirement that the material shall have a minimum PI of not less than that indicated by the numerical designation. For example, Class 9-6 requires Class 9 material having a minimum PI of 6; or a Class 9-10 requires Class 9 material having a minimum PI of 10, etc.

When a minimum PI is specified, the maximum plasticity index and the maximum liquid limit, as indicated in the table, will be raised the numerical designation for minimum PI, except that in the case of Class 8 and Class 10 the maximum liquid limit shall remain as indicated in the table above.

For the design soil portion of the embankment all of the material shall pass a 3 inch sieve. Individual contracts may further restrict the maximum size of material in the top portion of the design soil.

SECTION S-708 - NON-METAL STRUCTURES

S-708.01--General. The structures covered in these specifications are for use as pipe culverts, precast box culverts, sidedrains, sewers, underdrains, and downspouts.

S-708.02--Concrete Pipe. Unless otherwise specified, pipe and tile shall conform to the requirements hereinafter set forth. When more than 20% of the pipe in a lot is rejected, the entire lot of pipe will be rejected.

When elliptical reinforcing is used, lift holes shall be cast in the top and "Top" or "Bottom" shall be clearly inscribed or stenciled on the inside of the pipe to indicate the proper position when laid. When it is found that the position for laying is not marked, or is marked improperly, the entire lot of such pipe will be rejected.

When rubber gasket joints are permitted or specified, the pipe joints shall be so constructed as to accommodate this type of jointing.

S-708.02.1--Materials for Use in Concrete Pipe.

S-708.02.1.1--Cement. Portland Cement Types I, II or III, or blended hydraulic cement, shall conform to the requirements set out in S-701.

S-708.02.1.2--Fly Ash. Fly ash conforming to the requirements of S- 714.05 may be used to replace portland cement on a one to one replacement rate but not to exceed 20 percent by weight of the portland cement.

S-708.02.1.3--Fine Aggregate. Fine aggregate shall consist of natural sand and shall conform to the requirements set out in S-703.02, except that the requirements for gradation are not applicable.

S-708.02.1.4--Coarse Aggregate. Coarse aggregate shall consist of gravel or crushed limestone conforming to the requirements of S-703.03, except that the requirements for gradation are not applicable. Concrete pipe made with crushed limestone coarse aggregate will not be permitted for use on a project with a soil pH lower than 4.5.

S-708.02.1.5--Water. The water shall conform to the requirements set out in S-714.01.2.

S-708.02.1.6--Reinforcement. Reinforcement shall consist of wire conforming to the applicable requirements of S-711.02.

S-708.02.2--Manufacture. General. Circular pipe of 54-inch diameter and smaller shall be machine made. Other pipe may be either machine made or wet cast.

All sizes of concrete pipe may be furnished with either bell and spigot or tongue and groove, provided that the minimum thickness of concrete on the groove end is at least 1¼ inches. This measurement for thickness will be made at a point 3/8 inch from the outer end of the groove.

When no particular length is specified, the pipe shall be manufactured in standard lengths.

The pipe shall be constructed in such a manner and of such design that the joint will meet the same requirements for strength stipulated for the pipe.

S-708.02.3--Exceptions to AASHTO Standard Specifications.

S-708.02.3.1--Liquid Membrane Curing Compound. Liquid membrane curing compound will not be permitted.

S-708.02.3.2--Marking. Required markings shall be placed on the inside wall of the pipe. Machine made pipe shall be inscribed on the outside of the pipe and stenciled on the inside, other pipe may be stenciled. The specification designation for reinforced pipe may be excluded from the required markings.

S-708.02.3.3--Basis of Acceptance. All pipe will be tested under Option I, three-edge bearing test, or Option II, cylinder test, as set forth in MDOT SOP.

Pipe having a diameter of 30 inches or less will be tested under Option I.

Pipe larger than 30 inches in diameter will be tested under Option I or II.

Flared end sections and cattlepasses will be tested under Option II unless otherwise authorized by the MDOT Testing Engineer.

The specified D-load and compressive strength shall be considered as minimum and allowable failures will not apply.

Normally, neither the absorption test nor the ultimate load will be required.

S-708.02.3.4--Rejection. All pipe shall be subject to rejection for nonconformance to the specifications. Individual sections of pipe may be rejected for one or more of the following:

- Visible fractures or cracks, except for a single end crack that does not exceed the depth of the joint.
- Defects that indicate imperfect proportioning, mixing, and molding. Surface defects indicating honey-combed or open texture.
- Damaged or cracked ends which would prevent a satisfactory joint. Defects indicating incorrect positioning of reinforcing steel.

S-708.02.3.5--Repairs. Repairs will not be permitted in the barrel of the pipe. Repairs may be made on the ends, tongue and groove or bell and spigot, with an approved commercial concrete patching compound used according to manufacturer's recommendations and properly cured.

S-708.02.3.6--Tongue and Groove. The thickness of the tongue shall not vary more than 1/4 inch or five percent of the wall thickness, whichever is greater, when measured at the outer edge. The thickness of the groove shall not vary more than 1/4 inch or five percent of the wall thickness, whichever is greater, when measured at a point 3/8 inch from the outer end of the groove. The depth of the groove shall not vary more than 1/4 inch from the length of the tongue.

S-708.02.3.7--Lift Holes. Lift holes may be formed, punched, or drilled in plastic concrete. Lift holes may be placed in cured pipe only by drilling with a diamond core-drill bit.

S-708.02.4--Nonreinforced Concrete Pipe. In addition to the applicable requirements of S-708.02, nonreinforced concrete pipe shall meet the requirements of AASHTO Designation: M 86 for the class specified. Testing shall be in accordance with AASHTO Designation: T 280.

S-708.02.5--Reinforced Concrete Pipe. All reinforced concrete pipe except Class V pipe with diameters of 54 inches and larger shall meet the requirements of AASHTO Designation: M 170 as modified by S-708.02.

Class V pipe with diameters of 54 inches and larger shall meet the requirements of AASHTO Designation: M 170 or M 242 as modified by S-708.02 and herein.

Circular reinforced concrete pipe with S-stirrup reinforcement shall be in accordance with Figure 1 and the following requirements.

The wall thickness, amount of circular reinforcement, S-stirrup system and concrete strength shall comply with those set out in Table 1 herein. The spacing center to center of adjacent inner rings of circumferential reinforcement in a cage shall not exceed 4 inches for pipe up to and including pipe having a 4-inch wall thickness nor exceed 5 1/2 inches for 54 inch pipe and 6 inches for all other pipe sizes.

Each line of S-stirrups shall have a continuous S shape extending longitudinally from end to end of the pipe. They shall extend from the inner cage toward the outer surface of the pipe for a distance not less than the minimum amplitude. S-stirrups shall pass around and be in contact with each inside circumferential member of the inner cage. Each line of S-stirrups shall lie essentially in a plane passing through the longitudinal axis of the pipe.

Where more than one length of stirrup material is used per line, a lap around one circumferential member of the inner cage shall be made. The ends of "S" shaped stirrups at splices shall include an outer bend. Not more than three lengths of S material may be used in a line, and the minimum length of a section of S-stirrups shall be 30 inches.

All designs in Table 1 are accepted designs with noted 0.01 inch crack and ultimate D-load.

Additional Markings. After the capital letter "D" designating the D-load, show the design wall thickness in inches expressed as a decimal. Pipe with "S" stirrups shall have the symbol S. Pipe requiring axis orientation without lift holes, i.e. stirrup pipe, quadrant reinforced pipe, shall have the center line of the crown of the pipe marked inside and outside with the symbol TB. Pipe with quadrant steel shall be marked with the symbol Q. Pipe with deformed wire reinforcement required in the design shall have the symbol DF.

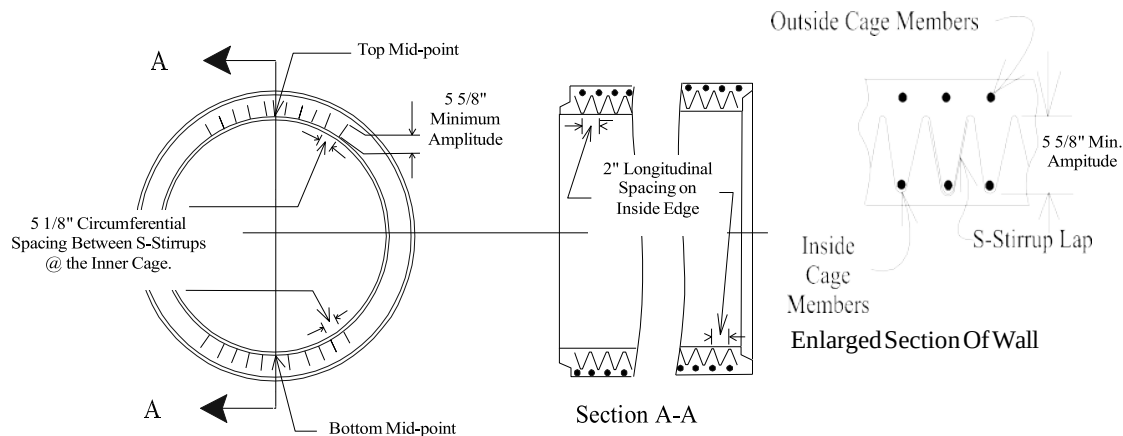


Figure 1.

Illustrative Example of S-Stirrup Support System for 0.01 inch Crack D-load 3,000, 102-inch Dia. Pipe Minimum area Per support 0.053 Sq. In., 11 Lines Spaced @ 5 1/8 inches. For Other Classes and Sizes, See Table 1.

TABLE 1
0.01 Inch Crack D-Load 3,000
Ultimate Strength D-Load 3,750

Internal Diameter of Pipe	Wall Thickness	Circular Reinforcement in Circular Pipe		"S" Stirrups				
		Inner Cage sq. in./ft. of pipe	Outer Cage sq. in./ft. of pipe	Minimum Area Per Support Element sq. in.	Number of Lines	Longitudinal Spacing	Circumferential Spacing on Inner Cage	Minimum Amplitude of Stirrups
in.	in.					in.	in.	in.
Concrete Strength 5,000 Psi								
54	5 1/2	0.64	0.48	0.029	15	2	2 1/8	2 5/8
60	6	0.70	0.53	0.029	14	2	5 5/8	3 1/8
66	6 1/2	0.79	0.59	0.029	13	2	3 1/8	3 5/8
72	7	0.87	0.66	0.029	12	2	3 5/8	4 1/8
78	7 1/2	0.92	0.69	0.031	11	2	4 1/8	4 5/8
84	8	0.99	0.74	0.034	11	2	4 5/8	5 1/8
90	8	1.13	0.85	0.041	11	2	4 5/8	5 1/8
96	8 1/2	1.20	0.90	0.045	11	2	5 1/8	5 5/8
102	8 1/2	1.34	1.00	0.053	11	2	5 1/8	5 5/8
108	9	1.51	1.13	0.063	11	2	5 5/8	6 1/8
114	9 1/2	1.51	1.13	0.064	11	2	6 1/8	6 5/8
120	10	1.62	1.21	0.068	11	2	6 1/2	7 1/8
126	10 1/2	1.73	1.30	0.072	11	2	6 7/8	7 5/8
132	11	1.84	1.38	0.076	11	2	7 1/4	8 1/8
144	12	2.09	1.57	0.085	11	2	8	9 1/8

* Number of lines in the table indicates the number of longitudinal lines required in each top and bottom portion of the pipe. The area of each support element in the pipe is 2 times the cross-sectional area of the "S" stirrups wire used. There shall be an equal number of these lines of "S" stirrups on either side of the mid-point of both the top and bottom of the pipe. See Fig. 1.

** The amplitude is the overall width of the line of stirrups.

S-708.03--Blank.

S-708.04--Reinforced Concrete Flared-End Section. Reinforced concrete flared-end sections shall conform to the plans, the applicable requirements of S-708.02 and the following: The requirements as to manufacturer, materials, and curing shall be the same as for the connecting pipe. The compressive strength of the concrete shall be at least 3000 psi at 28 days.

S-708.05--Perforated Concrete Pipe. Perforated concrete pipe shall conform to the requirements of S-708.02.4 and AASHTO Designation: M 175.

S-708.06--Concrete Drain Tile. Standard drain tile or extra quality drain tile shall conform to the applicable requirements of AASHTO Designation: M 178.

S-708.07--Porous Concrete Pipe for Underdrains. Porous concrete pipe for underdrains shall conform to the requirements of AASHTO Designation: M 176.

S-708.08 thru S-708.13--Blank.

S-708.14--Reinforced Concrete Arch Pipe. Reinforced concrete arch pipe shall meet the requirements of AASHTO Designation: M 206.

S-708.15--Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe. This pipe shall conform to the requirements of AASHTO Designation: M 207.

S-708.16--Joints for Circular Concrete Sewer and Culvert Pipe, Using Rubber Gaskets. The joints shall conform to the requirements of AASHTO Designation: M 198.

S-708.17--Corrugated Plastic Pipe Culverts.

S-708.17.1--Corrugated Polyethylene Pipe Culverts. Corrugated polyethylene pipe shall conform to the requirements of AASHTO Designation: M 294, Type S.

The Contractor shall furnish to the Engineer three copies of the manufacturer's certified test reports and certification covering each shipment of pipe stating the amount furnished and that the pipe, fittings, couplings, etc. comply with the requirements of the specifications. Certifications and certified test reports for compliance with this specification shall be performed by an approved third-party testing source. All corrugated polyethylene pipe shall be smooth wall interior.

S-708.17.2--Corrugated Poly (Vinyl Chloride) (PVC) Pipe Culverts. Corrugated poly (vinyl chloride) (PVC) pipe shall conform to the requirements of ASTM Designation: F 949.

The Contractor shall furnish to the Engineer three copies of the manufacturer's certified test reports and certification covering each shipment of pipe stating the amount furnished and that the pipe, fittings, etc. comply with the requirements of the specifications.

S-708.18--Sewer Pipe Used for Underdrains.

S-708.18.1--General. Pipe less than four inches in diameter shall conform to commercial grade PVC water pipe. Perforations, when required, shall be circular and conform to the requirements of AASHTO Designation: M 278.

S-708.18.2--Acrylonitrile-Butadiene-Styrene (ABS) Sewer Pipe. This pipe and fittings used for underdrains shall meet the requirements of ASTM Designation: D 2751 for the pipe SDR number specified.

S-708.18.3--Type PSM Poly (Vinyl Chloride) (PVC) Sewer Pipe. This pipe and fittings used for underdrains shall meet the requirements of ASTM Designation: D 3034 for the pipe SDR number specified.

S-708.18.4--Poly (Vinyl Chloride) (PVC) Corrugated Sewer Pipe. This pipe with a smooth interior and fittings shall conform to the requirements of ASTM Designation: F 949. The pipe is for use in non-pressure drainage applications as an alternate to ABS and PVC sewer pipe when the SDR number is specified as 35 or greater.

S-708.19--Corrugated Polyethylene Drainage Tubing. This tubing used for underdrains shall meet the requirements of AASHTO Designation: M 252, Type S and/or Type SP, as applicable.

S-708.20--Perforated Semicircular Plastic Pipe for Underdrains.

S-708.20.1--General. Semicircular plastic subdrain pipe is intended for direct burial and shall be extruded from thermoplastic materials as specified below. Unless otherwise specified, the pipe shall be supplied in 20-foot lengths. The pipe shall have an expanded bell on one end for direct coupling, or separate couplings shall be supplied. The pipe sections shall be joined by a friction fit.

The pipe fittings including straight couplings, end caps, tees, right laterals, left laterals, 45° elbows, and 90° elbows shall be molded from thermoplastic materials as specified below. Fabricated fittings shall be made of the same material as the pipe sections.

S-708.20.2--Pipe Sections and Fabricated Fittings. The pipe sections and fabricated fittings shall be made from virgin poly vinyl chloride (PVC). PVC resins shall conform to ASTM Designation: D 1784, Class 12454-B. Virgin resin is defined as resin which contains not more than 10 percent regrind material and has not previously been used to make another product.

S-708.20.3--Molded Fittings. Molded fittings shall be made from virgin high density polyethylene (HDPE) conforming to ASTM Designation: D 1248, Type III, Class B, Category 3; with the addition of a minimum of 0.25% carbon black.

S-708.20.4--Workmanship. The plastic pipe and fittings shall be homogeneous throughout and free of visible surface flaking, chips or cracks. The semicircular trough interior shall be smooth and free from obstructions. The products shall be as uniform as commercially practicable in respect to color, opacity, density and other physical properties.

S-708.20.5--Dimensions. The minimum wall thickness of the pipe at any point shall be 0.125 inch, protective lip excluded. Sufficient additional wall thickness shall be supplied at perforated areas to maintain an effective wall strength equal to 0.125 inch thick nonperforated wall. The protective lip shall extend a minimum of 0.500 inch from the pipe at an angle of approximately 30°. The nominal inside radius of the semicircular trough shall be 2 5/16 inch, providing a minimum cross-sectional flow area of 8.3 square inch below the water entry level. Total water intake area shall be 3.5 square inch per linear foot. All measurements shall be taken at 72 ±5°F.

S-708.20.6--Load Deformation. At a deflection of 0.2 inch, the minimum pipe stiffness, FA_y , shall be 100 psi when tested in accordance with ASTM Designation: D 2412, except that specimens shall be conditioned a minimum of 12 hours at approximately 72°F.

S-708.20.7--Impact Resistance. Impact resistance of the plastic pipe and fittings shall be as follows when tested in accordance with ASTM Designation: D 2444, except that specimens for routine inspection shall be conditioned for a minimum of one hour at approximately 72°F or two hours at approximately 32°F.

Using a 20-pound Tup B, the plastic pipe and fittings shall be capable of withstanding 125 foot-pounds at 72°F and 62 foot-pounds at 32°F.

S-708.20.8--Hydrocarbon Resistance. The plastic pipe and fittings shall meet the load deformation requirements specified above after being immersed for seven days in normal heptane as specified in ASTM Designation: D 543.

S-708.20.9--Product Marking. Each section of pipe and each fitting shall be clearly marked on the exterior surface to show the manufacturer's name or trademark and the material from which it is made, PVC or HDPE. Product marking shall be permanent and legible in characters at least 3/8 inch high.

S-708.20.10--Packing and Storage. All pipe sections and fittings shall be so stored prior to shipment that they do not warp, deteriorate or suffer dimensional distortion.

All pipe sections shall be banded or palletized so as to protect them during shipment, handling and subsequent storage. Fittings shall be banded together or packed in suitable containers.

S-708.21--Blank.

S-708.22--Precast Concrete Box Culvert.

S-708.22.1--General. Precast concrete box culverts shall conform to the design and dimensions shown on the plans, and the materials and manufacture of box sections shall meet the requirements of AASHTO Designation: M 259 or M 273, as applicable, with the following exceptions:

S-708.22.2--Exceptions to AASHTO.

Cement shall meet the requirements of S-701.

Aggregates shall meet the requirements of S-703.02 and S-703.03, except that gradation will not apply.

Admixtures and blends may be used with the approval of the Engineer.

Reinforcement shall meet the requirements of S-711.02.3.

Water shall meet the requirements of S-714.01.

A lot will consist of a group of 15 box sections of a single size or fraction thereof; or all units produced in one calendar week, Sunday through Saturday, whichever comes first.

Each line of box section should be manufactured by one producer's plant.

The slab and wall thickness shall not vary from the design dimensions by more than five percent or 3/16 inch, whichever is greater.

The depth of cover and amount of steel may, at the discretion of the MDOT Testing Engineer, be checked by an electromagnetic device.

The permissible variation in diameter of any wire in finished fabric shall conform to the tolerances prescribed for the wire before fabrication by AASHTO Designation: M 32.

Box sections may be repaired, if necessary, because of occasional imperfections in manufacture or handling damage and will be acceptable if, in the opinion of the Engineer, the repairs are sound, properly finished, and cured and the repaired box section conforms to the specifications. These repairs will be allowed in the ends and on joints, only. No repairs will be allowed in the barrel of the box section.

S-708.23--Special Sections. Any special section, not otherwise specified, shall be of the same wall thickness, size, and type as the pipe to which it is joined and shall conform to the applicable requirements for the particular type of pipe as set forth therein.

Elbows, tees, wyes, or other such special sections shall, unless otherwise specified, have a minimum length for each projection sufficient to properly join the section to the joining elements of the completed structure.

Other details shall be as shown on the plans.

S-710 - PAINT**S-710.01--General.**

S-710.01.1--Requirements. All paint materials, including vehicle, pigment, paste, driers, thinners, and mixed paint shall conform to the requirements of these specifications unless otherwise stipulated. Paint shall be furnished ready-mixed or in paste or powder form, as may be specified, and shall be of the type and color shown on the plans or as otherwise indicated.

All paints for incorporation in the work shall be manufactured in the United States. Acceptance will be based on manufacture's certification. It shall be the responsibility of the Contractor to obtain and furnish the Engineer certification by the manufacturer that all components used in paint comply with this provision and other applicable provisions under the contract with respect to each component. Any paint that has caked, hardened or otherwise deteriorated shall not be used. The Engineer reserves the right to sample and test the paint as per S-710.01.2.

S-710.01.2--Sampling and Testing. Sampling and testing of paint shall be in accordance with the appropriate method in Federal Test Method No. 141, ASTM and/or Mississippi Test Method.

The approved laboratory may utilize x-ray analysis, gas chromatography, infrared, or ultra violet spectral analysis of the paint or its components to determine whether specified ingredients were used. Paint found not to be in compliance with the approved formula shall not be used.

Each container or label thereon shall be marked as follows:

Net weight in pounds

Net volume in U. S. gallons

Colors

Code Number Batch Number

Name and percentage of each component Name and address of manufacturer

Date of manufacture

In addition, each container and labeling thereon shall meet the requirements of State and Federal Regulations for transporting the paint.

S-710.02--Mixed Paints. Unless otherwise specified, paint shall be delivered completely mixed and ready for use without further additions or alterations. Paint shall be of a uniform consistency and when applied shall dry to a hard tough film without running, streaking or sagging.

All paints and components thereof shall conform to the applicable subsection as contained herein.

Mixed paint in storage shall not be exposed to temperatures less than 32°F, or such higher temperature as recommended by the paint manufacturer. Paint exposed to temperatures lower than specified will be subject to rejection or retesting.

S-710.02.1-Aluminum Paint. This paint shall be aluminum alkyd paint as specified by the Steel Structures Painting Council Paint Specifications SSPC 101-64T. Paint that is to be stored for periods longer than six months shall be a two component system. A two component paint shall be prepared by mixing two pounds of aluminum paste with one gallon of vehicle.

Type I Leafing Aluminum Paint shall always be used as the finish or top coat. Intermediate coats shall be alternate coats of Type II Non-Leafing Aluminum Paint and Type I Leafing Aluminum Paint.

S-710.03--Traffic Paint: S-710.03.1--Materials.

S-710.03.2--Binder. The binder shall consist of a mixture of synthetic resins, at least one of which is solid at room temperature. The total binder content of the paint compound shall be well distributed throughout the compound. The binder shall be free from all foreign objects or ingredients that would cause bleeding, staining or discoloration. The binder shall be 26 percent minimum by weight of the paint compound. The binder shall be characterized by an IR Spectra.

S-710.03.3--Pigment. The pigment used for the white paint compound shall be a high-grade pure (minimum 93 percent titanium dioxide TiO₂). The white pigment content shall not be less than 10 percent by weight and shall be uniformly distributed throughout the paint compound.

The pigments used for the yellow paint compound shall be heat resistant, silica encapsulated lead chromate yellow and moly oranges which shall produce a compound meeting the requirements of FED 595 Color No. 33538. The yellow marking material shall contain a minimum of 4 percent by weight of the yellow pigment with a minimum lead chromate content of 60 percent where Type III drop on glass beads are specified and 50 percent for other drop on glass beads.

S-710.03.4--Filler. The filler to be incorporated with the resins and a binder shall be a white calcium carbonate, silica, or an approved substitute. Any filler which is insoluble in 6N hydrochloric acid shall be of such particle size as to pass a No. 100 sieve.

S-710.03.5--Glass Beads. Acceptance will be based on manufacture's certification. It shall be the responsibility of the Contractor to obtain and furnish the Engineer certification by the manufacturer that glass beads comply with this specification and any applicable provisions under the contract. The Engineer reserves the right to sample and test the glass beads. Intermix glass beads shall be uniformly mixed throughout the material at the rate of not less than 27 percent by weight (retained on the No.100 sieve) of paint compound. Drop on beads shall be used with pavement markings material and shall be applied uniformly at a minimum rate of 12 pounds per 100 square feet where Type III drop on glass beads are specified and at a rate of 8 pounds per 100 square feet for other drop on glass beads.

S-710.03.6--Properties. The drop on glass beads furnished under this specification shall consist essentially of transparent, water-white glass particles of a spherical shape. They shall be manufactured from a glass of a composition designed to be highly resistant to traffic wear and to the effects of weathering. The glass beads shall conform to the following requirements:

- (a) **Sieve Analysis.** The glass beads shall meet the following sieve requirements:

(1) Type III Drop On Glass Beads

	<u>Sieve No.</u>	<u>% Retained</u>	<u>% Passing</u>
	12	0	100
14		0-5	95-100
16		5-20	75-95
18		40-80	10-47
20		10-40	0-7
25		0-5	0-2
Pan		0-2	- -

(2) Other Drop On Beads

<u>Sieve Size</u> No. 16	<u>% Passing</u> 99-100
No. 20	75-95
No. 30	65-95
No. 50	15-35
No. 100	0-5

- (b) **Imperfections.** The surface of the glass beads shall be free of pits and scratches. The sizes beads shall have a roundness of 70% minimum average (ASTM D 1155) with the exception of the +20 portion, which shall have a 65% minimum true spheres, tested visually.
- (c) **Index of Refraction.** The index of refraction of the glass beads shall be not less than 1.50 when tested by the immersion method at 77°F.
- (d) **Silica Content.** The glass beads shall contain not less than 65 percent silica (SiO₂).
- (e) **Chemical Stability.** Glass beads which show tendency toward decomposition, including surface etching, when exposed to paint or paint constituents will be rejected. The glass beads shall be tested by Federal Specification T-T-B-1325A, Section 4.3.11 (water resistant soxhlet extraction method) with the following exceptions: Under "Procedure", the size of sample to be tested shall be 25 grams. Under testing, Paragraph (1), the reflux-time shall be 5 hours and upon examination after testing the glass beads shall show no dulling effect. Under Paragraph (2), if more than 4.5 mls of 0.1N hydrochloric acid are used to reach the end point, it shall constitute failure of the test.
- (f) **Flowing Properties.** The glass beads shall flow uniformly through dispensing equipment in atmospheric humidity up to 94%. The drop beads shall pass the following test: One hundred grams of glass beads, spread evenly and thinly in a suitable container, shall be conditioned at 77°F for 4 hours over a solution of sulfuric acid (Sp. Gr. 1.10) in a closed desiccator. After 4 hours, the glass beads shall flow readily through a clean glass analytical funnel, 60°, 5 mm diameter and 105 mm stem. Inside diameter of the stem shall be a nominal 1/4 inch.
- (g) **Coating:** The glass beads used for intermix shall be uncoated. The glass beads used for the drop on application shall be coated with an adhesion promoting coating. Silicone coated drop on beads shall not be allowed.
- (h) **Packaging.** The Drop on glass beads shall be delivered in approved moisture proof bags consisting of at least five-ply paper construction unless otherwise specified. Each bag shall contain 50 or 55 pounds net, and shall be legibly marked with the manufacturer, specifications and type, lot number, and the month and year the glass beads were packaged.

S-710.03.7--Paint: In the plastic state, the material shall not give off fumes that are toxic or otherwise injurious to persons or property. The manufacturer shall provide material safety sheets for the product.

The temperature versus viscosity characteristic of the plastic material shall remain constant and the material shall not deteriorate in any manner during reheating processes.

There shall be no obvious change in color of the material as a result of repeated heating or from batch to batch. The maximum elapsed time after application after which normal traffic will leave no impression or imprint on the new stripe shall be 30 seconds when the air and road surface temperature is approximately (68°F $\pm$ 6°F). After appreciable deformation or discoloration, shall remain free from tack, and shall not lift from the pavement under normal traffic conditions within a road temperature range of -20° to 150°F. The stripe shall maintain its original dimensions and placement. Cold ductility of the material shall be such as to permit normal dimensional distortion as a result of traffic impact within the temperature range specified.

The material shall provide a stripe that has a uniform thickness throughout its cross section and has the density and character to provide a sharp edge of the line.

The paint compound after heating for 4 hours $\pm$ 5 minutes at 375° $\pm$ 3°F and cooled to 77°F shall meet the following requirements for daylight reflectance and color, then tested, using a color spectrophotometer with 45° circumferential/0° geometry, illuminate C, and 2° observer angle. The color instrument shall measure the visible spectrum from 380 to 720 nm with a wavelength measurement interval and spectral bandpass of 10 nm.

White: Daylight Reflectance (Y) 75 percent minimum

*Yellow: Daylight Reflectance (Y) 42-59 percent

*Shall match Federal 595 Color No. 33538 and Chromaticity limits as follows:

x	.470	.510	.485	.530
y	.455	.485	.425	.456

S-710.03.7.1--Specific Gravity. The specific gravity of the paint material shall not exceed 1.87.

S-710.03.7.2--Softening Point. After heating the paint material for 4 hours $\pm$ 5 min. at 375° $\pm$ 3°F and testing in accordance with ASTM E 28, the material shall have a minimum softening point of 180°F as measured by the ring and ball method.

S-710.03.7.3--Tensile Bond Strength. After heating the paint material for 4 hours $\pm$ 5 min. at 375°F, the tensile bond strength to unprimed, sandblasted portland cement concrete block, 0.0625 inch thick film drawdown at 375°F, tested at 75° $\pm$ 2°F shall exceed 180 psi when tested in accordance with ASTM D 4796-88.

S-710.03.7.4--Impact Resistance. After heating the paint material for 4 hours $\pm$ 5 min at 375° $\pm$ 3°F, the impact resistance shall be a minimum of 50 inch pounds with no cracks or bond loss when 0.0625-inch thick film drawdown is made at 375°F on an unprimed sandblasted portland cement concrete block, male indenter 5/8 inch, no female Die, tested at 75° $\pm$ 2°F when tested in accordance with ASTM D 2794 minimum.

S-710.03.7.5--Yellowness Index. The white paint material shall not exceed a yellowness index of 12 when tested in accordance with ASTM D 1925.

- (a) **Identification** - Each package of material shall be stenciled with the manufacturer's name, the type of material and specification number, the month and year the material was packaged and lot number. Lot numbers must begin with the last two digits of the year manufactured and be sequential. The letters and numbers used in the stencils shall be a minimum of 1/2 inch in height.
- (b) **Packaging** - Paint material shall be packaged in suitable containers which will not adhere to the product during shipment and storage. The container of paint material shall weigh approximately 50 pounds. Each container shall designate the color, binder (alkyd or hydrocarbon), spray and user information. The label shall warn the user that the material shall be heated in the range of 350° - 425°F.

- (c) **Storage Life** - The material shall meet the requirements of this specification for a period of one year. The paint must also melt uniformly with no evidence of skins or unmelted particles for this one year period. Any material not meeting the above requirements shall be replaced by the manufacturer.

S-710.04-Inorganic Zinc Rich System:

S-710.04.1--Inorganic Zinc Primer. The shop coat or prime coat shall be a self-curing multiple component inorganic zinc rich primer conforming to the requirements of AASHTO M 300, Type I or Type II. The inorganic zinc rich primer, as applied, shall meet State and Federal regulations on Volatile Organic Compounds (VOC).

The inorganic zinc primer shall be formulated so as to produce a distinct contrast in color with the blast cleaned metal surface and the intermediate field coat to be applied thereon.

The inorganic zinc primer must be one from the Mississippi Department of Transportation's "List of Approved Sources of Materials".

The paint manufacturer's technical representative who is certified by the National Association of Corrosion Engineers (NACE) shall be present at the beginning of coating operations as needed to provide technical expertise in the application of the coating. This technical expertise shall be provided without additional cost to the Project. The fabricator is responsible for arranging for the presence of the manufacturer's technical representative.

S-710.04.2--Epoxy Mastic Field Touch-Up Paint. Inorganic zinc primer coat which has been damaged during storage, handling, transporting and/or erection shall be repaired using epoxy mastic touch-up paint prior to finish coating.

Epoxy mastic touch-up paint shall be manufactured or recommended by the supplier of the inorganic zinc primer, shall be as listed on the Mississippi Department of Transportation's "List of Approved Sources of Materials" and, as applied, shall be VOC compliant with State and Federal Regulations.

The epoxy mastic touch-up paint shall conform to the same formulation as originally approved by the Mississippi Department of Transportation. Determination of conformance to the originally approved formulation will be based on physical tests, x-ray diffraction pattern and infrared spectrum. The results of these tests shall be in agreement with the results obtained on the originally approved formulation.

S-710.04.3--Acrylic Latex Intermediate and Top Coats (Field Coats). The acrylic latex field coats shall be manufactured by the supplier of the inorganic zinc primer coat, shall be as listed on the Mississippi Department of Transportation's "List of Approved Sources of Materials" and, as applied, shall be VOC compliant with State and Federal regulations. The acrylic latex paint shall conform to the same formulation as originally approved by MDOT.

Determination of conformance to the originally approved formulation will be based on physical tests and infrared spectrum of the vehicle component. The infrared spectrum (2.5 to 15 microns) of the vehicle component shall agree with the infrared spectrum of the vehicle component of the originally approved paints in both peak position and relative intensity of the peaks.

The color of the acrylic latex intermediate coat shall be white in color. The color of the acrylic latex top coat shall be light gray in color.

At the Engineer's request, the paint manufacturer's technical representative who is certified by the National Association of Corrosion Engineers (NACE) shall be present at the job site at the beginning of each separate coating operation as needed to provide technical expertise in the application of the field coats. This technical expertise shall be provided without additional cost to the Project. The Contractor shall be responsible for arranging for the presence of the manufacturer's technical representative.

S-710.04.4--Mixing of Paint. All paint shall be mixed in accordance with the paint manufacturer's printed instructions.

S-710.04.5--Packaging and Marking. Multiple component paints shall be furnished in premeasured packages so as to form one unit of mixed paint when mixed with the vehicle in its container.

The containers of all paints shall be coated as necessary to prevent attack by the paint. Each container shall bear a label with the following information shown thereon: name and address of manufacturer, trade mark or trade name, kind of paint, date of manufacture and lot number, mixing instructions and equipment clean up instructions. The VOC content shall be stated on the label, product data sheet, or Material Safety Data Sheet.

S-710.04.6--Acceptance Procedure. Prior to use, the Contractor must furnish the Engineer a certificate from the manufacturer, covering each lot of paint in the shipment, attesting that the paint in the shipment conforms to the same formula as that originally approved by the Mississippi Department of Transportation.

Final acceptance of the paint will be based on results of tests performed by the approved Laboratory on samples obtained by the Contractor prior to or after delivery. The use of any lot of paint prior to its final acceptance shall be prohibited.

S-710.05--Epoxy Mastic System. The coating system shall consist of modified epoxy mastic prime coat with a uniform dry film thickness of not less than 5 mil nor more than 8 mil and a vinyl finish coat of not less than 3mil nor more than 5 mil.

S-710.05.1--Prime Coat. The prime coat shall be a two-component epoxy mastic designed as a one-coat high build complete protective coating system with excellent adhesion to rusted steel and old coating systems after such surfaces have been cleaned as specified.

S-710.05.1.1--Pigment. The silica and metallic aluminum pigment shall include rust inhibitors and adhesion reinforcers/promoters. The aluminum factor shall contain both leafing and nonleafing types.

S-710.05.1.2--Vehicle. The vehicle shall be a modified epoxy-polymide resin formulated to have suitable insensitivity to moisture and shall contain special wetting agents to insure adequate adhesion.

S-710.05.1.3--Mixed Paint. The mixed paint shall conform to the following requirements:

The catalyzed epoxy shall contain $92\% \pm 2\%$ solids by weight when tested in accordance with ASTM Designation: D 1644 (modified to a drying time of 72 hours at 100°F).

Total solids by volume shall be a minimum of 90%.

The coating shall air cure to a hard, tough film within five days at a temperature of 75°F. It shall be dry to the touch in 24 hours at 75°F.

The usable pot life of the mixed paint shall be not less than four hours at 75°F and two hours at 90°F.

It shall exhibit good compatibility with inorganic zinc primers. The color shall contrast with the steel and the finish coat.

The catalyzed mixture, after thinning 20% by volume with specified thinner, shall be suitable for spraying in one coat to a 10 mil wet thickness without exhibiting runs or sags.

The coating shall be suitable for application with both conventional and airless spray equipment.

S-710.05.1.4--Packaged Qualities. The paint shall be supplied as a two-package material with a one-to-one mixing ratio and shall be well ground and not caked, skinned or badly settled in the container. Usable shelf life shall be not less than 12 months.

S-710.05.1.5--Flexibility Test. Apply a five mil dry film thickness of paint to one side of a 4" x 30" x 1/8" steel panel which has been cleaned in accordance with Steel Structures Painting Council SSPC-SP-5, Commercial Blast Cleaning. After the coating has been cured for two weeks at 75°F, it shall show no signs of cracking or loss of adhesion after the panel is uniformly bent 180° degrees (coated side out) around an eight inch diameter pin.

S-710.05.1.6--Resistance Tests. The panel (3" x 5" x 1/8") meeting the requirements of ASTM Designation: D 609 shall be prepared by blast cleaning in accordance with SSPC-SP-6, Commercial Blast Cleaning.

After cleaning, the panels shall be exposed to the weather for 30 days to allow uniform rusting. The panels shall then be hand-cleaned with a wire brush in accordance with SSPC-SP-2.

The modified epoxy mastic paint shall be spray applied in one coat to the prepared panels with a uniform dry film thickness of six mils. Curing shall be in accordance with manufacturer's recommendations.

Each test shall be performed on one or more panels, and the paint will be unacceptable if it fails one or more of the following tests:

- (1) Salt Water Resistance. One or more panels shall be scribed with an X of at least two-inch legs down to the base metal and immersed in 5% sodium chloride at 75 ±5°F. The panel(s) shall be examined after 7, 14 and 30 days and shall show neither rusting, blistering, nor softening of the coating beyond 1/16 inch from the scribe mark. The solution shall be changed after each examining period.
- (2) Weathering resistance. One or more panels shall be tested in accordance with ASTM Designation: G 23, Type D. The panel(s) shall be placed on test at the beginning of the wet cycle. After 1,000 hours continuous exposure, the coating shall show neither rusting, blistering, nor loss of bond.
- (3) Salt Fog Resistance. One or more panels shall be scribed with a X of at least two-inch legs down to the base metal. The panel(s) shall then be tested in accordance with ASTM Designation: B 117. After 1,000 hours continuous exposure, the coating shall show neither loss of bond, rusting nor blistering beyond 1/16" from the scribe mark.

S-710.05.2--Vinyl Finish Coat (Field Coat). The vinyl finish coat shall be manufactured by the supplier of the prime coat. The vehicle shall consist essentially of vinyl chloride-acetate copolymer resin dissolved in aromatic or ketone and aromatic solvents. The vinyl coat shall display compatibility with, and adhesion to, the cured primer film when applied in accordance with the manufacturer's printed instructions.

S-710.05.2.1--Composition.

- (a) The vinyl finish coat shall be gray in color and supplied in a single package at a consistency ready for use. It shall be well grounded and not caked, livered, skinned or badly settled in the container.
- (b) The vinyl finish coat shall contain not less than 29% pigment (by weight) and 19% vehicle (by weight) for a total of no less than 48% solids by weight. The weight per gallon shall be 9.6 ± 0.5 pounds at 77°F. The grind minimum shall be four. Any extender pigments shall be barytes.
- (c) The vinyl finish coat shall air dry at temperatures of 70°F or above to a hard tough film within four hours, entirely by evaporation of solvents. It shall be dry-to-touch in 25 minutes at 70°F.

S-710.05.3--Packaging. Two-component paint shall be packaged so that one unit of pigment can be mixed with the vehicle in its container. The containers for all paints shall be coated as necessary to prevent attack by the paint.

Each container shall be plainly marked with the net weight in pounds, net volume in U.S.gallons, color, code number, batch number(s), the name and address of the manufacturer and the date of manufacture. Each container, or label thereon, shall bear a true statement of the name and percentage of each component or constituent, both solid and liquid. Any package not so marked will be unacceptable.

Each shipment of paint shall be accompanied by complete written instructions and precautions for use, either on the container label or in a separate document.

S-710.05.4--Acceptance Procedure. Before each shipment is used, the Contractor

must furnish the Engineer a certificate from the manufacturer attesting that the commercial product furnished conforms to the same formula as that previously approved by MDOT.

If deemed necessary, final acceptance will be based on results of tests performed on samples obtained by the Engineer prior to or after delivery. Batches of paint found not to be of the approved formulation will be rejected.

S-711 - REINFORCEMENT AND WIRE ROPE

S-711.01--Reinforcing Steel and Wire Rope. General. All reinforcement used in concrete construction, unless otherwise stipulated, shall conform to the provisions and requirements hereinafter set out. The materials when incorporated into the work shall be reasonably free from dirt, paint, oil, grease, loose-thick rust, or other foreign substances and when deemed necessary, shall be cleaned to the satisfaction of the Engineer. Tight-thin rust or powdering rust on these materials shall not be cause to require cleaning. Reinforcement which has rusted sufficiently to cause it to fail to meet specified physical properties or prestressing strands displaying pits visible to the naked eye shall be rejected.

S-711.02--Reinforcing Steel.

S-711.02.1--Bar Reinforcement. Bar reinforcement shall conform to the requirements of AASHTO Designation: M 31, Grade 60, for billet steel bars.

Bars shall be fabricated as indicated on the plans, shall be cold-bent, unless otherwise permitted, to the shapes shown on the plans or as directed; and shall be bent prior to being wholly or partially embedded in concrete.

Unless otherwise authorized or provided on the plans, bends or hooks shall not be fabricated to a smaller diameter than that indicated for the bend test. Rail steel bars shall be bent to the specified shapes at the mill or fabricating plant.

The areas and weights to be used in calculations for the various size reinforcing bars shall be as follows:

STANDARD REINFORCING BARS

* Bar Numbers	Weight (Lbs./Foot)	Nominal Dimensions-Round Sections		
		Diameter (Inches)	Cross-Sectional Area (Sq. Inches)	Perimeter (Inches)
2 (1)	0.167	0.250	0.05	0.786
3	0.376	0.375	0.11	1.178
4	0.668	0.500	0.20	1.571
5	1.043	0.625	0.31	1.963
6	1.502	0.750	0.44	2.356
7	2.044	0.875	0.60	2.749
8	2.670	1.000	0.79	3.142
9 (2)	3.400	1.128	1.00	3.544
10 (2)	4.303	1.270	1.27	3.990
11 (2)	5.313	1.410	1.56	4.430
14	7.65	1.693	2.25	5.32
18	13.60	2.257	4.00	7.09

* The bar numbers are based on the number of 1/8 inch increments in the nominal diameter of the bar, except as noted in (2) below.

- (1) No. 2 bars in plain rounds only
- (2) Nos. 9, 10, and 11 are round bars and equivalent in weight and nominal cross-sectional area to the old type 1 inch, 1 1/8 inch, and 1 1/4 inch square bars, respectively.

S-711.02.2--Bar Mats. Bar mats for concrete pavement reinforcement shall be Grade 60 billet steel, AASHTO Designation: M 31, and shall conform to the requirements of AASHTO Designation: M 54.

S-711.02.3--Steel Wire Fabric. Steel wire fabric shall conform to the requirements of AASHTO Designation: M 55, or AASHTO Designation: M 221.

S-711.02.4--Dowel Bars and Marginal Bars. Unless otherwise indicated, dowel bars used to span transverse joints and marginal bars shall be plain round bars. They shall be Grade 60 billet steel, AASHTO Designation: M 31.

Before installation, each dowel bar shall be painted with one coat of industrial grade zinc base primer, epoxy or other approved rust inhibitive primer. One half of each dowel bar shall be greased with a heavy grease equivalent to 600W or cup grease to prevent bonding with concrete. The greased end is to be inserted into the dowel bar sleeve described in the following paragraph.

Sleeves for dowel bars shall be metal or plastic of an approved design, mortar-tight, of sufficient strength to prevent collapse, and at least two inches in length. A suitable stop shall be provided in the sleeve to permit movement of the dowel bar within the sleeve of not less than the thickness of the expansion filler used.

Dowel bars shall be free from burring or other deformations restricting slippage in the concrete.

S-711.02.5--Tie Bars. Unless otherwise indicated, tie bars used to span longitudinal joints shall be deformed bars, billet steel, meeting the requirements set forth in S-711.02.1.

S-711.02.6--Cold-Drawn Steel Wire. Cold-drawn steel wire shall conform to the requirements of AASHTO Designation: M 32.

S-711.02.7--Supports for Bar Reinforcement. Metal bar supports shall be fabricated from stainless steel wire conforming to ASTM Designation: A 493, 16% chromium minimum, or cold-drawn wire with a minimum of 1/2 inch of the height of the leg above the form surface protected by one of the following:

Plastic coating conforming to CRSI Standards.

Galvanized, conforming to ASTM Designation: A 153, Class D. Stainless steel conforming to ASTM Designation: A 493,

16% chromium minimum.

Other protective coating as approved by the Engineer. Other supports as approved by the Engineer may be used.

S-711.02.8--Epoxy Coated Reinforcing Bars. All reinforcement to be epoxy coated shall conform to the requirements of S-711, or as specified on the plans. The epoxy coat shall be in accordance with ASTM Designation: A 775. The Contractor shall furnish written certification that the coated reinforcing bars were

cleaned, coated and tested in accordance with the specifications and ASTM Designation: A 775.

S-711.03--Reinforcement for Prestressed Concrete.

S-711.03.1--Pretensioning Reinforcing.

S-711.03.1.1--Uncoated Seven-Wire Stress Relieved Strand for Prestressed Concrete. Uncoated seven-wire stress-relieved strand for prestressed concrete shall conform to the requirements of AASHTO Designation: M 203.

S-711.03.1.2--Uncoated Stress-Relieved Wire for Prestressed Concrete. Uncoated stress-relieved wire for prestressed concrete shall conform to the requirements of AASHTO Designation: M 204.

S-711.03.2--Posttensioning Reinforcing.

S-711.03.2.1--Bars. Bars for posttensioning shall be of high tensile strength steel. They shall be equipped with wedge-type anchorages which will develop the minimum specified ultimate bar stress on the nominal bar area.

The minimum physical properties of the bar steel, and of the stress-strain curve determined by static tensile tests, shall conform to the following:

Stress at 0.3% elongation, psi	75,000
Stress at 0.7% elongation, psi	130,000
Ultimate stress, psi	145,000
Elongation in 20 diameters, %	4
Modulus of elasticity, psi	25,000,000

The diameter tolerance of the bar steel shall be from -0.01 to +0.02375 inch.

S-711.03.2.2--Parallel Wire Assemblies. Wire assemblies for posttensioning shall consist of parallel wires of the number and size shown on the plans. Wires shall conform to the requirements of AASHTO Designation: M 204. Minimum ultimate strength requirements for various sizes shall be as follows:

<u>Diameter</u> <u>(inches)</u>	<u>Minimum Ultimate Strength</u> <u>(psi)</u>
0.177	255,000
0.192	251,000
0.225	245,000
0.250	240,000
0.276	236,000

The stress-strain curve for wires shall show the following minimum characteristics, based on the minimum ultimate strength requirements:

Proportional limit (0.01% offset from tangent), %	55
Yield point (0.2% offset from tangent), %	80
Elongation at rupture	4% in 10 inches

The diameter tolerance of wires shall be ± 0.002 inch.

S-711.03.3--Anchorages for Post-Tensioned Tendons.

S-711.03.3.1--For Bars. Wedge-type anchorages shall be used for bars. The wedge device shall develop the minimum ultimate strength specified for the nominal bar area.

Wedge anchorages shall bear against anchor plates fabricated of hot-rolled steel having physical characteristics not less than that specified for No. 104 of American Iron and Steel Institute (AISI) Specifications.

S-711.03.3.2--For Parallel Wire Assemblies. Wedge or direct-bearing type anchorage shall be used, generally. The anchorage device shall be capable of developing the ultimate strength of the total number of wires anchored. Conical type anchorages shall be embedded within the ends of the concrete members unless otherwise specified. Anchorages shall generally bear against grids of reinforcing steel of approved type.

S-711.03.3.3--Alternate Anchorage Types. Alternate anchorage types conforming to the general physical requirements for wedge or direct-bearing type anchorages will be permitted. All anchorage types shall develop the specified ultimate strength of the reinforcing tendons, or the allowable stress of the tendon will be based on the anchorage strength.

As a specified exception, threaded anchorages not on upset or oversize reinforcing ends will not be considered for approval.

Any alternate type anchorage, before being considered, will be required to show evidence of being capable of withstanding at least 3,000,000 cycles of twice the maximum live load stress variation.

S-711.03.4--Tests for Prestressing Reinforcing. The Engineer shall be furnished with three certified copies of test results for all tests specified below. These tests shall be performed by the manufacturer or a recognized commercial laboratory at no additional cost to the Project. The Engineer or his representative shall have the privilege of witnessing any or all tests.

S-711.03.4.1--Strand. The physical characteristics of strand shall be determined in accordance with AASHTO Designation: M 203.

S-711.03.4.2--Bars.

S-711.03.4.2.1--Proof Test. During manufacture, each bar shall be proof tested to a minimum stress of 130,000 psi.

S-711.03.4.2.2--Static Test. From each mill heat, one static test shall be made on an assembled bar and anchorage to determine the physical properties of the steel and the assembly. Such physical properties shall conform to the minimum physical properties hereinbefore specified.

S-711.03.4.3--Wires and Wire Anchorages. One static test shall have been made from each five coils received, except that at least one static test shall have been made for each shipment. For each 500 anchorages received, or fraction thereof, one anchorage assembly shall have been tested statically to destruction.

SECTION S-713 - CONCRETE CURING MATERIALS AND ADMIXTURES

S-713.01--Curing Materials. Concrete curing agents (including water and earth) shall be free of any ingredients which may damage or be detrimental to the concrete. Such agents, unless otherwise specified, shall conform to the requirements hereinafter set forth.

S-713.01.1--Burlap Cloth. Burlap to be used for curing concrete shall conform to the requirements of AASHTO Designation: M 182.

Class 3 burlap shall be used (one or two layers as required) except that substitutions of other classes may be made, provided their combined weight will equal or exceed the weight required.

S-713.01.2--Liquid Membrane Compound. Membrane-forming compound for curing concrete shall conform to the requirements of AASHTO Designation: M 148.

Unless otherwise specified, only Type 2 (White Pigmented) will be permitted for use.

The use of liquid membrane for curing concrete surfaces which are to have a rubbed finish or faces of construction joints will not be permitted.

S-713.01.3--Polyethylene Sheeting (White). White polyethylene sheeting shall conform to the requirements of AASHTO Designation: M 171 for white opaque polyethylene film.

S-713.02--Admixtures for Concrete. Air-entraining admixtures used in portland cement concrete shall comply with AASHTO Designation: M 154. Set-retarding, accelerating, and/or water reducing admixtures shall comply with AASHTO Designation: M 194.

The Engineer reserves the right to sample, for check tests, any shipment or lot of admixture delivered to a project.

The Engineer reserves the right to require tests of the material to be furnished, using the specific cement and aggregates proposed for use on the project, as suggested in AASHTO Designation: M 154 and outlined in AASHTO Designation: M 194.

Admixtures containing chlorides will not be permitted.

Failure to maintain compliance with any requirement of these specifications shall be cause for rejection of any previously approved source or brand of admixture.

When an admixture is used in portland cement concrete, it shall be the responsibility of the Contractor to produce satisfactory results.

SECTION S-714 - MISCELLANEOUS MATERIALS

S-714.01--Water.

S-714.01.1--General. All water used shall be free from injurious quantities of oil, acid, alkali, or vegetable matter; shall be reasonably clear; and shall not be brackish. If at any time water from source becomes of unsatisfactory quality or of insufficient quantity, the Contractor shall provide satisfactory water from some other source. Where the source of water is relatively shallow, the Engineer may require the intake to be so enclosed as to exclude silt, mud, grass, or other foreign materials.

Requirements for impurities set out in these specifications are general maximums which may be used as a basis for acceptance. However, if the preliminary analysis indicates that any of the specified limits for acidity or alkalinity, organic solids, or inorganic solids are exceeded, the water may be further tested as provided in S-714.01.6 to determine its suitability for the purpose intended.

S-714.01.2--Water for Use in Concrete. Water used in mixing of concrete, mortar, and grout shall be as set out above. In addition, the water shall not contain impurities in excess of the following limits:

Acidity or alkalinity (calculated in terms of calcium carbonate), %	0.05
Total organic solids, %	0.05
Total inorganic solids, %	0.05

The tests for organic solids and inorganic solids may be waived by the Engineer on water samples from ponds, lakes, streams, rivers, and ditches in all except the following counties: Pearl River, Stone, George, Hancock, Harrison and Jackson Counties.

S-714.01.3--Water for Use in Chemically-Stabilized Subbase and Base. Water used in construction of subbases or bases which contain cement, lime, or other chemical additive shall be as set out in S-714.01.1 and, in addition, shall not contain impurities in excess of the following limits:

Acidity or alkalinity (calculated in terms of calcium carbonate), %	0.5
Total organic solids, %	0.05
Total inorganic solids, %	0.20

The tests for organic solids and inorganic solids may be waived by the Engineer on water samples from ponds, lakes, streams, rivers, and ditches in all except the following counties: Pearl River, Stone, George, Hancock, Harrison and Jackson Counties.

S-714.01.4--Water for Use in Granular Subbase and Base. Water for use in granular subbases or bases may be brackish.

S-714.01.5--Water for Use in the Planting and Establishment of Vegetation. Water used for planting and establishment of vegetation shall meet the requirements of S-714.01.1 as related to injurious quantities of oil, acid, or alkali and shall not be brackish.

S-714.01.6--Tests. Water obtained, from a potable source approved by the Mississippi State Health Department will not be required to be tested; otherwise, as applicable, a routine analysis of the sample of water submitted will be made. If the routine analysis indicates that any of the specified limits for acidity or alkalinity, organic solids, or inorganic solids are exceeded, the water may be further tested by either or both of the following methods as determined by the Engineer.

1. A chemical analysis to determine the nature of the specified characteristics for which minimum values are established.
2. Strength and Time-of-Set Test. Results of additional tests may be considered satisfactory if:
 - (a) The solids are found to be not detrimental to the materials with which the water is used;
 - (b) The alkali carbonates and bicarbonates do not exceed 0.1% by weight of water when the combination of carbonates and bicarbonates is calculated to sodium carbonate, Na_2CO_3 ;
 - (c) The 28-day strength of mortar with the water is not less than 90% of that made with distilled water; and
 - (d) The time of set is not less than 45 minutes.

In general, water will be approved if it complies with the applicable requirements of the Standard Specifications, or if the results of additional tests as provided above are determined by the Engineer to be satisfactory.

No formal tests of water used for granular subbase, base, or embankment construction, or in connection with the planting and establishment of vegetation will be made unless the Engineer questions the quality of the water.

S-714.02--Calcium Chloride. Calcium chloride shall conform to the requirements of AASHTO Designation: M 144. Calcium chloride shall not be used in concrete which will be prestressed; nor shall it be used in other concrete unless specifically approved by the Engineer.

S-714.03--Lime.

S-714.03.1--General. Lime shall be stored and handled in closed, weather-proof containers until used. If local storage is provided, lime shall be used only from approved storage facilities and shall meet the requirements of the contract at the time of use.

S-714.03.2--Hydrated Lime. Hydrated lime for use in mortar shall conform to the requirements of ASTM Designation: C 207, Type N.

Hydrated lime for soil stabilization shall conform to the following requirements:

Calcium and magnesium oxides	
(nonvolatile basis), %, min.....	90
Carbon dioxide, %, maximum.....	7
Moisture loss, 2 hrs. @ 120°C, maximum	3
Gradation of Residue:	
Retained on No. 30 sieve, %, maximum	2.5
Retained on No. 200 sieve, %, maximum	15

S-714.03.3--Quick Lime

S-714.03.3.1--Granular or Pelletized Quick Lime Granular or pelletized quick lime for soil stabilization shall be a commercial granular or pelletized quick lime and shall conform to the following requirements prior to slaking:

Calcium and magnesium oxides, nonvolatile basis, %, minimum.....	90
Carbon dioxide, %, maximum	7
Gradation, percent passing by weight:	
¾ inch sieve	100
No. 4 sieve	0-30

The Contractor shall furnish certified test reports with each shipment of quick lime attesting to the purity of the lime and that the lime meets the requirements of the specifications; however, the material shall be subject to inspection, test, or rejection by the Engineer at any time.

S-714.03.3.2--Dry Quick Lime Dry quick lime used for soil stabilization by the dry application method shall be a commercial quick lime and shall conform to the following requirements after two minutes on a Ro-tap shaker:

<u>Sieve</u>	<u>Percent Passing By Weight</u>
No. 10	100
No. 20	90 - 100
No. 100	0 - 20
No. 200	0 - 5

Dry quick lime shall meet the slaking standards as defined in ASTM Designation: C 110, and shall reach maximum heat rise in no more than six (6) minutes.

The Contractor shall furnish certified test reports with each shipment of quick lime attesting to the purity of the lime and that the lime meets the requirements of the specifications; however, the material shall be subject to inspection, test, or rejection by the Engineer at any time.

S-714.03.4--Bag Lime When bag lime is used, the bag shall bear the weight certified by the manufacturer. Bags varying more than five percent from the certified weight will be rejected, and the average weight of 50 bags in any shipment taken at random shall not be less than the certified weight. Bag lime shall conform to the requirements of hydrated or quick lime as applicable.

S-714.03.5--Limestone Dust The source of the material shall be approved by the Engineer and meet the following gradation requirements:

<u>SIEVE</u>	<u>PERCENT PASSING</u>
No. 30	95-100
No. 200	20-100

S-714.04--Sodium Chloride. Sodium chloride shall conform to the requirements of AASHTO Designation: M 143.

S-714.05--Fly Ash.

S-714.05.1--General. When required or permitted in construction, fly ash shall be obtained from an approved source. The acceptance of fly ash shall be based on certified test reports, certification of shipment from the supplier, and tests performed on samples obtained after delivery in accordance with the Office of State Aid Road Construction's Standard Operating Procedures.

Different classes of fly ash or different sources of the same class shall not be mixed or used in the construction of a structure or unit of a structure, without written permission from the Engineer. The Contractor shall provide suitable means for storing and protecting the fly ash against dampness. Fly ash, which for any reason, has become partially set or which contains lumps of caked fly ash shall not be used.

The temperature of the bulk fly ash shall not be greater than 165°F at the time of incorporation into the work.

In addition to the above requirements fly ash shall meet the following specific requirements for the intended use.

S-714.05.2-Fly Ash for Use in Concrete. When used with portland cement (Types I or

II) in the production of concrete, grout, or in soil stabilization, the fly ash shall meet the requirements of AASHTO Designation: M 295, Class C or Class F, with the following exceptions:

The loss on ignition shall not exceed 6.0 percent.

The Pozzolanic activity index with portland cement, at 7 days, shall be at least 55 percent of the control mix. The water requirement shall not exceed 105 percent of the control mix.

Fly ash shall not be used with portland cement Type IP.

S-714.05.3-Fly Ash for Soil Stabilization. When used with hydrated lime in soil stabilization, the class of fly ash shall be as specified in the contract. The fly ash, when mixed with hydrated lime and soil or soil-aggregate, shall produce the minimum design characteristics for the course to be stabilized. The fly ash shall meet the requirements of AASHTO Designation: M 295 for the class specified, except the loss on ignition shall not exceed 10.0 percent.

S-714.06--Ground Granulated Blast Furnace Slag (GGBFS).

S-714.06.1--General. GGBFS shall be obtained from an approved source. The acceptance of GGBFS shall be based on certified test reports, certification of shipment from the supplier and tests performed on samples obtained after delivery in accordance with the Office of State Aid's Standard Operating Procedures.

The Contractor shall provide suitable means for storing and protecting the GGBFS against dampness and contamination. Separate storage silos, bins, or containers shall be provided for GGBFS. GGBFS which has become partially set, caked or contains lumps shall not be used.

The Engineer shall be notified in writing of the nature, amount and identity of any processing or other additions made to the GGBFS during production.

GGBFS from different mills shall not be mixed or used alternately in any one class of construction or structure without written permission from the Engineer; except that this requirement will not be applicable to cement treatment of design soil, subbases or bases.

In addition to these requirements, GGBFS shall meet the following specific requirements.

S-714.06.2--Specific Requirements. GGBFS shall meet the requirements of AASHTO Designation: M 302, Grade 120. GGBFS shall contain no chlorides.

S-714.07--Blank.

S-714.08--Frames, Grates, Covers, and Ladder Rungs. Metal units shall conform to the plan dimensions and to the applicable requirements in S-716 or S-717.

Galvanizing, where specified for these units, shall conform to the requirements of AASHTO Designation: M 111, unless otherwise designated.

S-714.09--Blank.

S-714.10--Elastomeric Bearings.

S-714.10.1--General. This work shall consist of furnishing and installing elastomeric bearings in accordance with the plans and these specifications. All required testing and furnishing of sample bearings is considered to be part of the covered work. Shop drawings shall be approved by the Engineer prior to beginning of fabrication or production of bearings. Elastomeric bearings, as herein defined, shall include plain or nonreinforced pads consisting of elastomer only, and reinforced or laminated bearings consisting of elastomer reinforced with steel laminates.

All elastomeric bearings shall be furnished to the dimensions indicated on the plans. They shall be composed of the specified elastomer type, grade and hardness (or shear modulus); shall be adequate for the specified design load; shall be tested at the appropriate level; and shall satisfy any special requirements as shown on the plans.

S-714.10.2--Elastomer. The raw elastomer shall be virgin polychloroprene (Neoprene), Grade 3 (Ref. ASTM Designation: D 4014).

Elastomer for plain or non reinforced bearings shall be 70-Durometer, adequate for 800 psi design compression stress, and shall be tested to Level I as hereinafter described.

Unless otherwise shown on the plans, elastomer for laminated or reinforced bearing shall be 50-Durometer, adequate for 1,000 psi design compression stress, and shall be tested to Level I as hereinafter described.

An elastomer of higher grade number may be substituted for the specified grade.

The elastomer compound shall also meet the minimum requirements of Table I except as otherwise specified by the Engineer. When test specimens are cut from the finished product, a 10 percent variation in physical properties shall be permitted. All material tests shall be carried out at 73°F $\pm$ 4°F unless otherwise specified.

Table 1

MATERIAL PROPERTY	ASTM DESIGNATION	TEST REQUIREMENTS	POLYCHOROPRENE			UNITS
			50 DURO	60 DURO	70 DURO	
Physical Properties	D2240 D412	Hardness Min. tensile strength Min. ultimate elongation	50±5 2250 400	60±5 2250 350	70±5 2250 300	Shore A Pts. psi %
Heat Resistance at specified temp.	D573	Specified temperature of test-22hrs. Aging time Max. change in durometer hardness Max. change in tensile strength Max. change in ultimate elongation	212 70 +15 -15 -40	212 70 +15 -15 -40	212 70 +15 -15 -40	°F Hours Shore A Pts. % %
Compression Set at specified temp.	D395 Method B	Specified temperature of test degrees Max. permissible set	212 35	212 35	 35	°F %
Ozone Resistance	D1149	Partial pressure of ozone during test Duration of test Tested at 20% strain 100°F±2°F mounting procedure D518, Procedure A	50 100 no cracks	50 100 no cracks	50 100 no cracks	mPa Hours
Low Temperature	D2137 Method A D1415 or D2240 D1229	Low temperature Brittleness Test (required for Grade 3 & 5 only) at -13°F for Grade 3 and -40°F for Grade 5 Low temperature stiffness (required for Grades 2, 3 and 5 only). Conditioned for 22 hours at 14°F for Grade 2, -13°F for Grade 3 and -40°F for Grade 5. Max. change in hardness Max. low temperature compression set (required for Grades 2, 3 and 5 only) when tested at 25% compression for: 22 hours at 32°F for Grade 2, 7 days at 14°F for Grade 3, 14 days at each of 14°F and -13°F for Grade 5.	no failure +15 65	no failure +15 65	no failure +15 65	 Shore A Pts. %

S-714.10.3--Steel Laminates. Steel laminates used for reinforcement shall be made from rolled mild steel conforming to ASTM Designation: A 36 or A 1011, unless otherwise specified by the Engineer. The laminates shall have a minimum nominal thickness of 16-gauge. Holes in plates for manufacturing purposes shall be considered in design.

S-714.10.4--Bonding Adhesive. The vulcanized bond between the elastomer and steel laminates shall have a minimum peel strength of 40 pounds per inch. The peel strength shall be performed in accordance with ASTM Designation: D 429, Method B.

S-714.10.5--Fabrication.

S-714.10.5.1--General. Plain pads shall be cast as a single unit in individual molds under heat and pressure except leveling pads 3/8 inch or less in thickness may be sheared. Bearings with steel laminates shall be cast as a unit in a mold and bonded and vulcanized under heat and pressure. The molds shall have standard shop practice mold finish. The internal steel laminates shall be sandblasted and cleaned of all surface coating rust and mill scale before bonding, shall be free of sharp edges and burrs, and shall have a minimum edge cover of 1/8 inch.

Flash tolerance, finish, and appearance shall meet the requirement of the latest edition of the Rubber Handbook as published by the Rubber Manufacturers Association, Inc., RMA F3 and T.063 for molded bearings and RMA F2 for extruded bearings.

S-714.10.5.2--Tolerances. Plain pads and laminated bearings shall be built to the design dimensions and these specifications with the following tolerances:

(a)	Overall Vertical Dimensions Design Thickness 1 1/4" or less Design Thickness >1 1/4"	(Inches) -0, +1/8" -0, +1/4"
(b)	Overall Horizontal Dimensions 36" and less over 36"	-0, +1/4" -0, +1/2"
(c)	Thickness of Individual Layers of Elastomer Laminated Bearings Only at any point within the bearing	±20% of design value but no more than ±1/8"
(d)	Variation from a Plane Parallel to the Theoretical Surface as determined by measurements at the edge of the bearings:	
	Top	slope relative to bottom of no more than .005 radians
	Sides	1/4"
(e)	Position of Exposed Connection Members	1/8"
(f)	Edge cover of Embedded Laminates or Connection Members	-0, +1/8"
(g)	Size of Holes, Slot or Inserts	±1/8"
(h)	Position of Holes, Slots, or Inserts	±1/8"

S-714.10.6--Acceptance Procedure. The acceptance criteria shall be at two levels. Level I acceptance shall be applied to all elastomeric bearings. Level II acceptance criteria shall be applied as required on the plans or contract documents. Level II criteria shall also be used to resolve differences over the acceptance of bearings to which only Level I tests have been applied.

Level I criteria require that bearing pads be manufactured according to this specification and any additional requirements specified on the plans. The manufacturer shall proof load each steel reinforced bearing with a

compressive load of 1500 psi. If bulging patterns imply laminate placement which does not satisfy design criteria and manufacturing tolerances or if bulging suggests poor laminate bond, the bearing shall be rejected. If there are 3 separate surface cracks which are greater than 0.08 inch wide and inch deep, the bearing shall be rejected.

A copy of the proof loading results for each lot of steel reinforced bearings shall be furnished to the Engineer prior to shipment of the bearings.

The Engineer reserves the right to require that proof

loading be done in the presence of and witnessed by a representative of the Engineer. Whether an Engineer representative was present to witness the proof loading or not, the manufacturer's certification concerning compliance with the requirements of the contract shall attest to acceptable proof loading.

Level I criteria require that the elastomer satisfy the minimum properties of Table I. Level I criteria also include bond test for laminated bearings (ASTM Designation: D 429, Method B).

Level II certification requires that all Level I conditions be satisfied, except that individual conditions may be waived by the Engineer if Level II certification is used as an arbitration of disputes. Additionally, shear modulus and compressive stiffness shall be determined in accordance with ASTM Designation: D 4014. The shear modulus shall fall within the range of values specified in the following Table. Compressive stiffness tests shall be performed on the complete bearing. The compressive stiffness shall vary by no more than ± 10 percent from the median value of all bearings.

Table

HARDNESS (SHORE A)	50	60	70
Shear Modulus at 73°F (psi)	85-100	120-155	160-200

The Contractor shall furnish to the Engineer three copies of the manufacturer's certified test reports and certification that each lot in a shipment complies with the requirements of the contract.

S-714.10.7--Marking. Each reinforced bearing shall be marked in indelible ink or flexible paint. The marking shall consist of the order number, lot number, bearing identification number, and elastomer type and grade number. Unless otherwise specified in the contract documents, the marking shall be on a face which is visible after the erection of the bridge.

S-714.10.8--Sampling. A lot for plain bearings shall be the manufacturer's lot. Each designated thickness of laminated bearings used on a project shall constitute a lot. Unless otherwise specified on the plans or in the contract documents, sampling shall be at the rate of one bearing per lot. The supplier shall produce sufficient extra bearings (pads) to accommodate this sampling. Bearings (pads) from within a lot shall be selected at random by the Engineer as samples for inspection and testing.

S-714.11--Portland Cement Mortar and Grout.

S-714.11.1--General. The ingredients for portland cement mortar and grout shall conform to the following requirements:

1. Portland Cement - S-701.01
2. Masonry Cement - S-701.02 3.
3. Water - S-714.01.2
4. Fine aggregate unless otherwise designated shall conform to the requirements of S-703.02 or S-703.18
5. Calcium chloride - S-714.02
6. Hydrated lime - S-714.03.2 7.
7. Fly Ash - S-714.05
8. Limestone Dust - S-714.03.5

S-714.11.2--Grout for Pressure Grouting. Grout for pressure grouting shall consist of a mixture of portland cement, water, calcium chloride, fly ash and/or limestone dust and fine sand in the proportions set forth in S-612.02.2.

Fine sand shall meet the following requirements:

<u>Square Mesh Sieve</u>	<u>Percent Passing by Weight</u>
No. 10	100
No. 60	40-90
No. 200	0-50
Percent Silt	0-25
Percent Clay	0-12
Percent Organic Material	0-3
Plasticity Index	N.P.

S-714.11.3--Grout for Posttensioned Members. Grout for posttensioned members shall consist of a mixture of:

1 part portland cement, Type 1 1/4 part fly ash

3/4 part washed sand (all passing No 16 sieve,
not more than five percent retained on No. 30 sieve)

Four to six gallons of water per bag of cement

A plasticizing admixture, subject to approval by the Engineer, shall be used in accordance with the manufacturer's recommendations.

The grout shall be mixed in a mechanical mixer, shall have the consistency of heavy paint and shall be agitated until placed.

Members shall not be moved before the grout has set; ordinarily 24 hours minimum at 80°F or higher.

S-714.11.4--Blank.

S-714.11.5--Masonry Mortar. Masonry mortar shall consist of masonry cement mixed in accordance with the formula shown on the bag or shall consist of one part portland cement, three parts mortar sand (the addition of hydrated lime will be permitted in the proportion of 1/10 part by volume of the cement), and sufficient water to make a mortar of such consistency that it can be easily handled and spread with a trowel.

Mortar for use in other than masonry work, fine aggregate meeting the requirements of S-703.02 may be used.

Unless an approved mortar mixing machine is used, the sand and mortar mix, or cement and lime, shall be mixed dry in a tight box until the mixture assumes a uniform color, after which water shall be added as the mixing continues until the mortar attains the proper consistency.

Mortar shall be used within 45 minutes after its preparation. Retempering of mortar will not be permitted.

S-714.11.6--Rapid Setting Commercial Grouts and Concrete Patching Compounds. Rapid setting commercial grouts and concrete patching compounds must be approved for listing in the MDOT's "Approved Sources of Materials" prior to use, and shall be premeasured and packaged dry by the manufacturer. All liquid solutions included by the manufacturer as components of the packaged material shall be packaged in a watertight container. The manufacturer may include aggregates in the packaged material or recommend the addition of Contractor furnished aggregates.

The type, size and quantity of aggregates, if any, to be added at the job site shall be in accordance with the manufacturer's recommendations and shall meet the requirements of S-703.02 for fine aggregate and S-703.03 for coarse aggregate. Required mixing water to be added at the job site shall meet the requirements of S-714.01.2.

Only those bonding agents, if any, recommended by the manufacturer of the grout or patching compounds may be used for increasing the bond to old concrete or mortar surfaces.

Grout or patching compounds containing chlorides will not be permitted when in contact with steel.

Site preparation, proportioning of materials, mixing, placing and curing shall be performed in accordance with the manufacturer's recommendation for the specific type of application, and the Contractor shall furnish a copy of these recommendations to the Engineer.

Rapid setting non-shrink commercial grouts and concrete patching compounds, including components to be added at the job site, shall conform to the following physical requirements:

Compressive strength shall equal or exceed 3000 psi in 24 hours when tested in accordance with Mississippi Test Method MT-4.

Bond strength shall equal or exceed 100 psi in 24 hours when tested in accordance with Mississippi Test Method MT-4.

The material shall not shrink, and the increase in length at 28 days shall not be greater than 0.3% when tested in accordance with Mississippi Test Method MT-4.

The Contractor shall furnish to the Engineer three copies of the manufacturer's certified test report(s) showing results of all required tests and certification that the material meets the specifications when mixed and placed in

accordance with the manufacturer's instructions. When the mixture is to be placed in contact with steel, the certification shall further state that the packaged material contains no chlorides. Certified test report(s) and certification shall be furnished for each lot in a shipment.

The proportioning of materials must be approved by the an approved lab, and any subsequent change in proportioning must also be approved. A sample of each component shall be submitted to the Engineer along with the quantity or percentage of each to be blended. At least 45 days must be allowed for initial approval.

The proportioning of materials for subsequent lots may be approved by the a n approved lab, upon receipt of certification from the manufacturer that the new lot of material is the same composition as that originally approved and that the material has not been changed or altered in any way.

S-714.11.7--Commercial Grout for Anchoring Doweled Tie Bars in Concrete.

S-714.11.7.1--Epoxy Grout Anchor System. Epoxy grout shall consist of one part liquid epoxy to a maximum of four parts clean dry silica sand by volume. The epoxy shall be a two-component epoxy-resin bonding system for application to portland cement concrete. The silica sand shall be bagged general purpose blast cleaning sand. The grout shall be placed with equipment that dispenses the grout evenly around the bar and completely fills the hole. Tamping the material in the hole by hand will not be satisfactory.

S-714.11.7.2--Non-Expanding Chemical Anchor System. Chemical anchor system shall consist of a premeasured unit containing polymeric or epoxy type resin, a hardener and may also include quartz sand aggregate. The resin and hardener shall be isolated from each other by a physical-chemical barrier or may be contained in separate premeasured units.

S-714.11.7.3--Installation. Unless otherwise specified, installation and hole sizes shall be in accordance with the manufacturer's recommendations.

S-714.11.7.4--Acceptance Procedure. The anchor system must be one from MDOT's "Approved Sources of Materials". Prior to use, the Contractor shall furnish the Engineer three copies of the manufacturer's certification for each shipment stating that the material furnished is of the same composition as that originally approved and that the material has not been changed or altered in any way.

Each day an in-place tension test shall be performed at random on a tie bar with a maximum curing time of two hours. If the test fails to meet the total load required to stress the bar to 50,000 psi, three additional tests shall be made at random. If any of the additional tests fail, all bars installed on that day shall be tested and any bar that fails shall be replaced. The Contractor shall furnish the testing device which shall include a certified calibration chart. No separate measurement for payment will be made for the testing device.

S-714.11.8--Epoxy Joint Repair System.

S-714.11.8.1--General. When the epoxy system is from MDOT's current list of "Approved Sources of Materials", the Contractor shall furnish the Engineer three copies of the manufacturer's certification, for each shipment, stating that the epoxy and all components is the same composition as that originally approved and that the material has not been changed or altered in any way.

If the materials proposed for use are not from the MDOT's current list of approved materials, a sample of

the epoxy and all components required for the epoxy mortar mix shall be submitted to the Engineer for evaluation and approval at least 30 calendar days prior to placement. Subsequent approval of each shipment may be by manufacturer's certification as set out above.

A representative of the epoxy manufacturer must be present for sufficient time to assure that the Contractor is properly schooled in the use of the epoxy materials.

S-714.11.8.2--Epoxy Resin. The material shall meet the requirements of ASTM Designation: C 881, Type I, Grade 2, Class C.

S-714.11.8.3--Silica Sand. The material shall be bagged general purpose blast cleaning sand.

S-714.11.8.4--Epoxy Mortar Mix. The mortar mix shall consist of one part liquid epoxy to 3.5 parts clean dry sand by volume.

S-714.11.8.5--Mixing and Curing. Mixing of all epoxy materials shall be accomplished with a mechanical mixer. A trial batch of mortar, approximately one cubic foot, will be mixed and used for joint repair. From this batch, the pot life and subsequent amount of material to be mixed will be determined.

S-714.12--Sprayed Finish for Concrete Surfaces. The spray material shall be an approved commercial product designed specifically for a sprayed finish and when applied to the concrete specimens at a rate of one gallon per 50 square feet shall conform to the following requirements:

S-714.12.1--Freeze-Thaw Test. Cast and cure three concrete specimens, not less than 4" x 6" x 6", of the mix designed for the structure. Fourteen days moist curing with a drying period in room air at 60° to 80°F for 24 hours before coating with spray finish is required. Caution shall be taken that there be no excessive oil on specimen forms. Coat sides of specimens (brush permitted) as hereinbefore set out and cure at room temperature for 48 hours; after which:

1. Immerse in water at room temperature (60° to 80°F) for three hours; remove and,
2. Place in cold storage at -15°F for one hour; remove and,
3. Thaw at room temperature (60° to 80°F) for one hour.
4. Repeat Steps 2 and 3 to complete a total of 50 cycles.

At the end of 50 cycles of Freeze/Thaw Test, the specimens shall show no visible defects.

S-714.12.2--Accelerated Weathering. Material shall be subjected to a 5000 hour exposure test in accordance with ASTM Designation: G 151. Testing shall be performed in conjunction with either ASTM Designation: G 153, Carbon Arc Light Apparatus, or ASTM Designation: G 155, Xenon Arc Light Apparatus. Test Exposure Conditions shall be as specified in Table X1.1, Cycle 1 in ASTM Designation: G 153, or Table X3.1, Cycle 1 in ASTM Designation: G 155. At the end of the exposure test, the exposed sample must not show any chipping, flaking or peeling.

S-714.12.3--Fungus Growth Resistance. Material to be used shall pass a fungus resistance test as described by ASTM Designation: D 3273 with a minimum incubation period of 21 days where no growth shall have been indicated after the test.

S-714.12.4--Color. The color of the finish shall be that deemed by the Engineer to be as close as practicable to the color of a rubbed concrete finish.

S-714.12.5--Testing and Certification. All testing shall be performed by a qualified commercial testing laboratory acceptable to the Engineer.

Before part of a shipment is applied on the project, the Contractor shall furnish the Engineer with a certificate from the manufacturer attesting that the commercial product furnished conforms to the same formula as that previously subjected to the specified tests, and approved. Copies of the current test reports shall be attached to the certificate.

No test report for tests made more than four years prior to shipment to the project will be accepted.

S-714.13--Geotextiles.

S-714.13.1--General. Unless specified otherwise, the geotextile may be woven or non-woven. The fibers used in the manufacture of the geotextiles and the threads used in joining geotextiles by sewing, shall consist of long-chain synthetic polymers, composed of at least 95% by weight polyolefins, polyesters, or polyamides. They shall be formed into a network such that the filaments or yarns retain dimensional stability relative to each other, including selvages. The geotextile shall be mildew resistant and inert to biological degradation and naturally encountered chemicals, alkalines and acids. Geotextile which is not protected from sunlight after installation shall contain stabilizers and/or inhibitors to make it resistant to deterioration from direct sunlight, ultraviolet rays, and heat.

The edges of the geotextile shall be salvaged or finished in such a manner to prevent the outer yarn of filaments from raveling. The geotextile shall be free of defects or flaws, which affect the required physical properties.

Geotextile for silt fence shall be manufactured in widths of not less than three feet, and geotextile for other applications shall be manufactured in widths of not less than six feet. Sheets of geotextile may be sewn or bonded together at the factory or other approved locations, but deviation from the physical requirements will not be permitted.

Acceptance testing, except geotextile for silt fence, will be conducted with geotextile samples from each lot shipped to the project, as per Subsection S-714.13.10.

S-714.13.2--Geotextile for Silt Fence. The geotextile shall conform to the physical requirements of Type I or II as shown in Table I. Unless a specific type is specified in the plans or contract documents, the Contractor may select Type I or II.

S-714.13.2.1--Woven Wire Backing. Except as provided herein, silt fence shall be reinforced with a woven wire backing. The wire backing shall be at least 32 inches high and have no less than six horizontal wires. Vertical wires shall be spaced no more than 12 inches apart. The top and bottom wire shall be 10 gage or larger. All other wire shall be no smaller than 12 1/2 gage.

S-714.13.2.2--Posts. Wood or steel posts may be used. Wood posts shall have a minimum diameter of three inches and length of five feet and shall be straight enough to provide a fence without noticeable misalignment. Steel tee posts shall be five feet long, approximately 1 3/8 inches wide, 1 3/8 inches deep, and 1/8 inch thick with a nominal weight of 1.33 pounds per foot prior to fabrication. The posts shall have projections, notches or holes for fastening the wire backing or geotextile to the posts.

S-714.13.2.3--Staples. Staples shall be made of nine gage wire with a minimum length of one inch after bending.

S-714.13.3--Geotextile for Subsurface Drainage. Unless otherwise specified, the geotextile shall conform to the physical requirements of Type III as shown in Table I.

S-714.13.3.1--Geotextile for Edge Drains. The geotextile shall conform to the physical requirements of Type V as shown in Table I, except the AOS for the woven geotextile shall have a range of 0.15 mm to 0.43 mm.

S-714.13.4--Geotextile Underseal. The geotextile shall be non-woven polyester or polypropylene, which is satisfactory for use with asphalt cements. Unless otherwise specified, the geotextile shall conform to the physical requirements of Type IV in Table I.

S-714.13.5--Geotextile for Use Under Riprap. Unless otherwise specified, the geotextile shall conform to the physical requirements of Type V in Table I. The requirements for grab tensile, puncture, and trapezoidal tear strengths may be reduced 50 percent when the geotextile is cushioned from rock placement by a 6-inch minimum layer of sand.

S-714.13.6--Geotextile Stabilization. The geotextile shall meet the physical requirements as shown in Table I for the Type specified in the plans or contract documents.

S-714.13.7--Securing Pins. Steel pins used for anchoring the geotextile shall be three-sixteenth inch (3/16") in diameter, minimum length of 15 inches, pointed at one end and fabricated with a head for retaining a steel washer. A minimum one and one-half inch (1 1/2") washer shall be installed on each pin.

S-714.13.8--Identification. Each roll of geotextile or container shall be visibly labeled with the name of the manufacturer, type of geotextile or trade name, lot number, and quantity of material.

S-714.13.9--Shipment and Storage. During shipment and storage, the geotextile shall be protected from direct sunlight, ultraviolet rays, temperatures greater than 140°F, mud, dirt, dust, and debris. The geotextile shall be wrapped and maintained in a heavy-duty protective covering, including ends of roll.

S-714.13.10--Acceptance By Certification. The Contractor shall furnish to the Engineer three copies of the manufacturer's certification that each lot in a shipment complies with the requirements of the contract. Certification of geotextile fabric shall include a material conformance statement, as per S-700.05.1, that the geotextile fabric meets or exceeds the minimum average roll values specified in Table I. All geotextile, steel pins, washers, fence posts, woven wire and wire staples are subject to approval by the Engineer upon delivery to the work site.

714.13.11 – Table.

TABLE I, GEOTEXTILES

Type Designation	I ^a	II ^a	III	IV	V	VI		VII		
Application	Sediment Control		Drainage	Paving	Separation & Drainage	Separation, Stabilization & Reinforcement				
Physical Properties										
Grab Strength, Pounds	50	90	110	90	200	W 280	NW 180	W 450	NW 280	ASTM D 4632
Elongation %	----	50% max @ 45 lbs.	20% min	50% min @ break	50% min	50% max	50% min	50% max	50% min	ASTM D 4632
Seam Strength, Pounds	----	----	70	----	180	240	160	400	240	ASTM D 4632
Puncture Strength, Pounds	----	----	40	----	80	110	75	180	115	ASTM D 4883
Trapezoidal Tear, Pounds	----	----	40	----	80	100	70	150	100	ASTM D 4533
Asphalt Retention, gallons / square yard	----	----	----	0.2	----	----	----	----	----	ASTM D 6140
Permittivity, sec ⁻¹	0.05	0.05	0.5	----	0.15	0.2	0.2	0.2	0.2	ASTM D 4491
AOS Woven, mm	0.15 - 0.84	0.15 - 0.84	0.15 - 0.43	----	0.21 - 0.43	0.15 - 0.21	----	0.15 - 0.21	----	ASTM D 4751
AOS Non-Woven, mm	<0.84	<0.84	<0.43	----	<0.43	----	<0.43	----	<0.43	ASTM D 4751
Tensile Strength after UV, % Retained	70@500 Hr.	70@ 500 Hr.	70@ 150 Hr.	----	70@ 150 Hr.	70@ 150 Hr.		70@ 150 Hr.		ASTM D 4355
Melting Point, °F	----	----	----	325	----	----		----		ASTM D 276

a. All property values, with the exception of apparent opening size (AOS), represent minimum average roll values in the weakest principal direction.

SECTION S-715 - ROADSIDE DEVELOPMENT MATERIALS

S-715.01--Topsoil.

S-715.01.1--General. Topsoil shall be a well-graded soil of good uniform quality, without detrimental admixture of subsoil, refuse, or foreign material and reasonably free of hard clods, stones, cement, brick, slag, concrete, sticks, or other undesirable material harmful to plant life.

S-715.01.2--Material to be Obtained from within the Project Limits. Topsoil for slope treatment shall meet the general requirements as stated above and shall have a pH value of not less than 4.5 nor more than 8.0.

S-715.01.3--Material to be Furnished by the Contractor. Topsoil for slope treatment shall meet the general requirements of S-715.01.1, shall have a pH value of not less than 4.5 nor more than 8.0, and shall be classified as a group A-4 or A-6 soil with minimum PI of 6.0 as specified by AASHTO Designation: M 145.

S-715.01.4--Sampling and Testing. Sampling and testing of topsoil shall be as set out in S-700.03.

S-715.02--Fertilizers.

S-715.02.1--General. Fertilizers shall comply with the fertilizer laws of the State of Mississippi.

S-715.02.2--Commercial Combination or Manufactured Fertilizer. Combination or manufactured fertilizer shall be "standard commercial products" and shall contain not less than the percentages by weight of the ingredients set out in Table A, except for agricultural limestone which shall meet the requirements of S-715.02.2.1.

TABLE A – TYPES OF FERTILIZERS

	COMBINATION								MANUFACTURED				
	* 10	18	6	15	12	8	0	13	Super Phosphat e	Ammonium Nitrate	Ure a	Muriat e Potash	Ureafor m
	10	46	8	10	24	24	20	13					
	10	0	8	10	12	24	20	13					
CHEMICAL COMPONENTS													
Nitrogen	* 10	18	6	15	12	8	0	12		33	45		38
Phosphorous P ₂ O ₅	10	46	8	10	24	24	20	13	20				
Potash K ₂ O	10	0	8	10	12	24	20	13				60	

*Ureaform (38-0-0) – This fertilizer shall contain a minimum of 38% total nitrogen, 27% of which shall be insoluble nitrogen derived from ureaform. The final mixture shall have a minimum activity index (AI) of 50% as determined by the appropriate AOAC procedure.

*Ureaform (10-10-10) – This fertilizer shall contain a minimum of 10% total nitrogen, 35% of which shall be insoluble nitrogen derived from ureaform. The final mixture shall have a minimum activity index (AI) of 40% as determined by the appropriate AOAC procedure.

S-715.02.2.1-- Agricultural Limestone. Agricultural limestone shall be either a Grade “A” liming material, or a marl or chalk agricultural liming material as addressed in the latest Mississippi Agricultural Liming Material Act of 1993, published by the Mississippi Department of Agriculture and Commerce.

S-715.02.2.1.1--Screening Requirements. Grade “A” liming material, including ground shells, shall not have less than 90% of the material passing the No. 10 sieve, and not less than 50% passing the No. 60 sieve. Marl or chalk lining material shall not have less than 90% of the material passing the No. 10 sieve.

S-715.02.2.1.2--Neutralizing Values. Grade “A” liming material shall not have less than 90% calcium and magnesium carbonate calculated as calcium carbonate equivalent when expressed on a dry weight basis. Marl or chalk liming material shall not have less than 70% calcium and magnesium carbonate calculated as calcium carbonate equivalent when expressed on a dry weight basis.

S-715.02.3--Sampling and Testing. Sampling and testing of agricultural limestone shall be in accordance with S-700.03. Labels on containers or attached thereto showing the guaranteed analysis of other fertilizers will be prima facie evidence as to conformity with the specified requirements.

S-715.03--Seed.

S-715.03.1--General. All seeds shall comply with the seed law of the State of Mississippi and the current regulations duly promulgated thereunder. The seed shall be delivered in bags with certified tags or labels attached to each bag showing the name (kind and variety), percent of germination and purity of the seed, and the percent of obnoxious weeds and inert matter.

S-715.03.2--Germination and Purity Requirements. The requirements for germination and purity shall be as set out in Table B:

TABLE B
GERMINATION AND PURITY REQUIREMENTS

Name (Kind)	Name (Variety)	Percent Germination	Percent Purity
GRASSES			
Bermudagrass	Common	85	95
Bahiagrass	Pensacola or Wilmington	85	85
Tall Fescue	Kentucky 31	80	95
Lovegrass	Weeping	80	97
Carpetgrass	-----	80	85
Millet	Browntop	85	98
Oats	-----	90	98
Rye Grain	-----	80	98
Centipede	-----	80	85
LEGUMES			
Crimson Clover	Dixie, Chief, Tibbee or Autauga	85	98
Annual Lespedeza	Kobe, Summit, or Climax	80	98
Sericea Lespedeza	Common, Interstate or Serala	80	98
Lespedeza	Vergata	90	98
Vetch	Hairy	85	95

S-715.03.3--Sampling and Testing. Except as provided in S-214.02, the certified analysis shown on the seed bags will be used to determine the purity, obnoxious seeds, and inert matter as to conformance with the above requirements. Seeds from bags not identified by certified analysis or from bags with certified analysis indicating the seeds do not meet contract requirements shall not be used.

All seeds may be sampled and tested for percent germination, and the Engineer reserves the right to sample and test seeds for any required characteristic when deemed appropriate to do so as a check on the quality of the seeds; in which case the results of such tests shall be the basis for acceptance, rejection, or adjustment under the provisions of the contract.

Samples of seed to be tested will be taken by personnel under the supervision of the Engineer. The seeds will be sampled by means of a trier (probe) through the seed bags. A 1/4 pound sample will be required from each seed lot with equal quantities being taken from each sack within a lot to make up the sample.

S-715.03.4--Leguminous Inoculants. Approved legume seeds shall be treated with leguminous inoculant under the supervision of the Engineer. The inoculants for treating leguminous seeds shall be standard, pure culture of nitrogen fixing bacteria. The seed shall be treated at the rate specified and according to the directions shown on the container of the inoculants and before the expiration date for use of the inoculant as also shown on the container.

S-715.04--Water. Water used in planting and establishment of vegetation shall comply with the applicable requirements of S-714.01.

S-715.05--Vegetative Materials for Mulch. The vegetative materials for mulch shall be classed as follows:

Type I. Approved baled straw of wheat, oat, rye grain, rice, broomsage or Bahia grass (with seed heads) which has reached maturity prior to cutting.

Type II. Approved baled hay produced from Bermuda, Bahia, Fescue, Dallis Grass, any of the Lespedezas, or combinations thereof.

All of the above materials shall have been properly cured prior to baling and shall be reasonably free from Johnson Grass and other obnoxious grasses and weeds. Vegetative material shall be reasonably bright in color, dry, and shall not be musty, moldy, or of otherwise low quality. Vegetative material that is wet or that has been baled green (nor cured properly) shall not be used.

Unless otherwise permitted in writing by the Engineer, Type I shall be furnished and used. The Engineer may permit the use of Type II when the Contractor has furnished satisfactory evidence in writing that Type I material is not available.

S-715.06--Blank.

S-715.07--Mulch for Woody Plant Materials. The mulch materials shall conform to the following.

S-715.07.1--Tree Bark Mulch. The mulch shall be a standard manufactured product of ground, shredded, or broken particles from the bark of trees and shall be reasonably free of weed seeds, harmful bacteria, or disease spores and substances toxic to plant growth. The mulch particles shall be of the following type(s), as specified in the contract:

Type I - Commonly known as extra coarse. Particle size shall be approximately one inch to 2 1/2".

Type II - Commonly known as coarse. Particle size shall be approximately 1/2 inch to one inch.

Type III - Commonly known as medium. Particle size shall be approximately 1/4 inch to 1/2 inch.

Type IV - Commonly known as fine. Particle size shall be approximately 1/8 inch to 1/4 inch.

All tree bark mulch shall be handled so as to insure proper protection against contamination at all times. The mulch shall be delivered to the job in unbroken bags or bales with a manufacturer's label or tag on each container. Labels or tags on the containers shall show the physical analysis of the contents, the size of the particles, and the volume. Labels on containers or attached thereto showing the guaranteed analysis and volume will be prima facie evidence of the materials meeting the above requirements. All mulch will, however, be subject to approval by the Engineer as to quality and quantity.

S-715.07.2--Aggregate Mulch. Aggregate used as mulch shall be crushed or uncrushed gravel Size 5 or Size 56 meeting the gradation requirements of S-703.14 for coarse aggregate cover material.

S-715.07.3--Straw. Straw material for mulch shall be classed as follows:

Class I - Approved baled wheat, oat, rice or rye straw. The materials shall have been cured properly prior to baling and shall be reasonably free from obnoxious grasses and weeds. The straw material shall be reasonably bright in color, dry and shall not be musty, moldy, or of otherwise low quality.

Class II - Approved baled pine needles that is reasonably free of twigs, branches, and obnoxious grasses and weeds. The material shall be dry and shall not be musty, moldy, or of otherwise low quality. All straw mulch shall be inspected and approved by the Engineer prior to its use.

S-715.08--Fertilizer for Woody Plant Materials. The fertilizer material for woody plants shall conform to the following requirements:

S-715.08.1--Fertilizer Packet. The fertilizer packet shall consist of an approved manufactured sealed polyethylene-paper laminated perforated packet containing one, two, or four ounces of water soluble fertilizer with a minimum guaranteed analysis of 16-8-16, 16% Nitrogen, 8% Phosphoric Acid, 16% Potash.

S-715.08.2--Fertilizer Tablet. The fertilizer tablet shall consist of an approved tightly compressed slow-release tablet 5, 10 or 21 gram size containing a minimum guaranteed analysis of 20-10-5, 20% Nitrogen, 10% Phosphoric Acid, 5% Potash.

S-715.08.3--Guaranteed Analysis. Labels on containers or attached thereto showing the guaranteed analysis will be prima facie evidence of the fertilizer materials meeting the specified requirements. All fertilizer packets and tablets will, however, be inspected and approved by the Engineer or, at the Engineer's discretion, may be sampled and tested.

S-715.09 - Ditch Liner Material. All ditch liner materials shall be new and free of rips or tears.

S-715.09.1--Jute Mesh. Jute mesh shall be of uniform, plain weave with warp and weft yarns of approximately the same size. The physical requirements shall be:

Length	50 yards per roll, minimum
Width	48" plus or minus 1"
Warp ends	78 per width, minimum
Weft yarns	41 per yard, minimum

The weight of cloth Shall average 1.22 pounds per linear yard with a tolerance of plus 10% or minus 5%.

S-715.09.2--Excelsior Blanket. Excelsior blanket shall consist of a machine-produced mat of interlocking wood excelsior with uniform thickness and the fiber evenly distributed over the entire area of the blanket. A fabric net of extruded plastic shall be applied to one side of the excelsior wood mat to hold the wood fibers in place.

The blankets shall not be exposed to moisture prior to placing.

The blanket shall meet the following requirements:

Interlocking Wood Fibers	0.02" x 0.04" (+ 25%) 50% must be 3 1/2" or longer
Fabric Net	1 1/2" x 3 1/2" maximum mesh size
Width	36" minimum

S-715.09.3--Erosion Control Blanket. The erosion control blanket shall consist of a machine-produced mat whose primary component is clean, weed-free straw from cereal grain crops. The straw must be evenly distributed throughout the mat. The top side of the blanket shall be covered with a photodegradable plastic mesh having 3/4" x 3/4" maximum openings which shall be substantially adhered to the straw by a knitting process using degradable thread. The blanket shall be supplied in a protective covering and shall meet the following requirements:

Straw *	0.50 pounds per square yards minimum dry weight
Netting	Photodegradable plastic
Width	48-inch minimum

* Coconut fiber may be used to replace a portion or all of the straw.

S-715.09.4--Erosion Control Fabric. Erosion control fabric shall consist of a flexible knitted construction of high strength degradable yarn with uniform openings interwoven with strips of biodegradable paper and shall conform to the following requirements:

Width	- 48 inches minimum
Weight	- 0.2 pound per square yard (approximate)

S-715.09.5--Wire Staples. The staples for securing the ditch liner material in place shall be a double prong "U" configuration made from 11-gauge or heavier steel wire with an approximate length of six inches after bending.

S-715.09.6--Roving.

S-715.09.6.1--Polypropylene Roving. This material shall be formed from continuous strands of fibrillated polypropylene yarn, collected into a rove. Fibrillation is defined as a net-like physical structure of the yarn created by splitting the yarn in a precise pattern during manufacture.

The polypropylene shall contain a sufficient amount of UV inhibitors so as to retain 70 percent of its strength after 500 hours of exposure in an Atlas Twin Arc Weatherometer.

The fibrillated polypropylene roving shall have the following detailed requirements:

Property	Limits	Test Method
Strands / Rove	20-30	End Count
Yards per Pound of Rove	410-620	ASTM Designation: D 1907
Package Weight, pounds	18 minimum	Scale
Color	Black	

S-715.09.6.2--Fiberglass Roving. The material shall be formed from continuous fibers drawn from molten glass, coated with a chrome complex sizing compound, collected into strands, and lightly bound together into a rove.

The fiberglass roving material shall meet the following detailed requirements:

Property	<u>Limits</u>	<u>Test Method</u>
Yield, yards per pound	170 - 300	ASTM Designation: D 578 Fiber Diameter, inch
	0.00035 - 0.00055	ASTM Designation: D 578 Strands / Rove
	50 - 70	End Count
Package Weight, pounds	25-50	Scale

S-715.09.7--Certification. The Contractor shall furnish the Engineer with three copies of the manufacturer's certification for each shipment of ditch liner material stating the amount furnished and that the material complies with the requirements of the specifications and also forward three copies of the manufacturer's or distributor's certification showing the wire size for each shipment of staples.

The certifications by the manufacturer or distributor will be prima-facie evidence of the materials meeting the specified requirements. All ditch liner material and staples will, however, be subject to approval by the Engineer.

SECTION S-720 - PAVEMENT MARKING MATERIALS

S-720.01--Glass Beads for 40 mil Hot Applied Spray Paint. Shall meet the requirements of S-710.03.5 and S-710.03.6 unless stated otherwise. Glass beads for thermoplastic shall be Class A, unless otherwise specified.

S-720.01.1--Class A. The Class A, Standard, beads shall be Type 1, non-flotation with a moisture resistant coating conforming to the requirements of AASHTO Designation: M 247.

S-720.01.2--Class B. The Class B, High-Visibility, beads shall be non-flotation, embedment coated and conform to the following specific requirements.

S-720.01.2.1--Gradation. The beads shall meet the gradation requirements of Table 1.

Table 1

<u>Sieve No.</u>	<u>% Retained</u>
12	0
14	0-5
16	5-20
18	40-80
20	10-40
25	0-5
Pan	0-2

S-720.01.2.2--Roundness. The beads shall have a minimum of 80 percent rounds per screen for the two (2) highest sieve quantities. The remaining sieve fractions shall be no less than 75 percent rounds.

S-720.01.2.3--Angular Particles. The beads shall have no more than three (3) percent angular particles per screen.

S-720.01.2.4--Refractive Index. The beads shall have a refractive index of 1.50 to 1.52.

S-720.01.3--Packaging and Marking. The beads shall be packaged in 50 or 55-pound moisture proofed bags. Each bag shall be stamped with the following information: name and address of manufacturer, shipping point, trademark or name, the wording "glass beads", class, weight, lot number and the month and year of manufacture.

S-720.01.4--Acceptance Procedures. The manufacturer shall furnish the Engineer three copies of the certified test report(s) showing results of all required tests and certification that the material meets the specifications.

S-720.02--Temporary Raised Pavement Markers. S-720.02.1—

Material Requirements:

- A. The temporary raised markers shall be flexible reflective tabs. The markers shall be yellow with amber reflective area on both sides. The body of the marker shall consist of a base and vertical wall made of polyurethane or other approved material and shall be capable of maintaining a reasonable vertical position after installation. The initial minimum reflectivity at an angle of incidence of 4° and an observation angle of 0.2° shall be 2.5.
- B. The markers shall be of standard size and quality with amenities as manufactured by: an approved manufacturer as listed on the Mississippi Department of Transportation's List of Approved Products for Traffic Marking Materials.
- C. The reflective material shall be protected with an easily removable cover of heat resistant material capable of withstanding and protecting the reflective material from the application of asphalt at temperatures exceeding 325°F.

S-720.02.2--Certificates of Compliance. The contractor shall furnish three copies of certifications from the manufacturer stating that the material meets the requirements of these specifications, (Reference S-106.04 of the standard specifications).

S-720.03--Thermoplastic Pavement Markings. The thermoplastic material shall conform to AASHTO Designation: M 249 except the glass beads shall be moisture resistant coated. Additional beads by the drop-on method shall be applied at a rate of not less than two pounds of beads per 100 feet of four-inch stripe.

The manufacturer/producers of the thermoplastic compound, glass beads, epoxy resin, and primer/sealer shall furnish to the Engineer three copies of certified test reports showing results of all tests specified therein and shall further certify that the materials meet all requirements.

S-720.04--Cold Plastic Pavement Markings.

S-720.04.1--General. The prefabricated markings described shall consist of white or yellow pigmented plastic films with reflective glass spheres uniformly distributed throughout their entire cross-sectional area, and be capable of being affixed to bituminous or portland cement concrete pavements by either a pressure sensitive precoated adhesive or a liquid contact cement. The markings shall be provided complete in a form that will facilitate rapid application and protect the markings in shipment and storage.

The manufacturer shall identify proper solvents and/or adhesives to be applied at the time of application, and equipment necessary for proper application, and recommendations for application that will assure an effective performance life.

Prefabricated legends and symbols shall conform to the applicable shapes and sizes as outlined in the "Manual on Uniform Traffic Control Devices", latest edition.

Cold plastic pavement markings shall be listed on MDOT's "Approved Sources of Materials". Prior to use, the Contractor shall furnish the Engineer three copies of the manufacturer's certification for each shipment stating that the material furnished is of the same composition as that originally approved by MDOT and that the material has not been changed or altered in any way.

S-720.04.2--Requirements. The material shall be 60 mil retroreflective pliant polymer film.

S-720.04.2.1--Composition. The retroreflective pliant polymer pavement marking film shall consist of a mixture of high quality polymeric materials, pigments, 1.5 index glass beads uniformly distributed

throughout its cross sectional area and with a reflective layer of beads bonded to the top surface. The film shall be composed of the following materials:

Minimum Percent <u>Material</u>	<u>by Weight</u>
Resins & Plasticizers	20
Pigments	30
Graded Glass Beads	33

This film shall be capable of being fabricated into pavement markings of specified thickness and dimensions and of being adhered to asphaltic and/or portland cement concrete by means of a pressure sensitive precoated adhesive, or a liquid contact cement which is applied at the time of installation.

S-720.04.2.2--Conformability and Resealing. The retroreflective pliant polymer pavement marking film shall be capable of conforming to pavement contours, breaks, faults, etc., through the action of traffic at normal pavement temperatures. The film shall have resealing characteristics such that it is capable of fusing with itself and previously applied marking film of the same composition under normal conditions of use.

The film shall show patchability when tested as follows:

- a. Cut two 1" x 3" pieces of the pliant polymer and mark the reflective side of one of the pieces with a pencil to delineate a 1" x 1" area at the end of the piece.
- b. Wet the surface of the area delineated with a cloth soaked in contact cement or a mixture of MEK and toluene for one minute, keeping the surface wet. At the end of one minute, scrape the beads and binder off the sample and wipe the residual binder from the area. Let the sample dry for at least one minute.
- c. Remove the liner from the back of the second piece of film and place the backside on top of the cleaned area on the first piece. The sample (while held together) should now form one piece four inches long by 1 inch wide with the 1" x 1" overlap patch in the center.
- d. Place the patched sample on a hard surface under 1,000 grams per square inch (the area of the overlap splice) maintained at 140°F for two hours.
- e. Remove the sample from the heat and allow to cool to 70°F (room temperature).
- f. Pull the sample in opposite directions to place a shear strain on the patched area. The two pieces shall not separate without tearing.

S-720.04.2.3--Tensile Strength. The film shall have a minimum tensile strength of 40 pounds per square inch of cross section when tested according to ASTM Designation: D 638. A sample 6"x 1" x 0.06" shall be tested at a temperature between 70°F and 80°F using a jaw speed of 12 inches per minute.

S-720.04.2.4--Elongation. The film shall have a minimum elongation of 75% at break when tested according to ASTM Designation: D 638 using a jaw speed of 12 inches per minute.

S-720.04.2.5--Plastic Pull Test. A test specimen made the same size as in S-720.04.2.3 shall support a dead weight of four pounds for not less than five minutes at a temperature between 70°F and 80°F.

S-720.04.2.6--Pigmentation. The pigments shall be selected and blended to provide a marking film which is white or yellow conforming to standard highway colors through the expected life of the film.

S-720.04.2.7--Glass Beads. The glass beads shall be colorless and have a minimum index of refraction of 1.50 when tested using the liquid oil immersion method. The size and quality of the beads will be such that performance requirements for the retroreflective pliant polymer film shall be met.

Bead adhesion shall be such that beads are not easily removed when film surface is scratched firmly with thumbnail.

The film shall have glass bead retention qualities such that when a 2" x 6" sample is bent over a 1/2" diameter mandrel, with the 2" dimension perpendicular to the mandrel axis, microscopic examination of the area on the mandrel shall show no more than 10% of the beads with entrapment by the binder of less than 40%.

S-720.04.2.8--Skid Resistance. The surface of the retroreflective pliant polymer shall provide a minimum skid resistance value of 35 BPN when tested according to ASTM Designation: E 303.

S-720.04.2.9--Reflective Intensity. The photometric quantity to be measured shall be specific luminance and shall be expressed as millicandelas per square foot per foot candle. The minimum initial reflective values shall be 250 for white and 200 for yellow as measured in accordance with Mississippi Test Method MT-70.

S-720.04.2.10--Reflective Retention. The following tests shall be employed to measure reflectivity retention:

- (a) **Taber Abraser Simulation Test.** Using a taber abraser with an H-18 wheel and a 125 gram load, the sample shall be inspected at 200 cycles, under a microscope, to observe the extent and type of bead failure.

No more than 15% of the beads shall be lost due to pop-out and the predominant mode of failure shall be "wear down" of the beads.

- (b) **Qualitative Tests.** Bead bond strengths shall be judged under a microscope with a magnification of at least 5X. The beads shall be difficult to remove, and when removed, beads shall show a portion of the polymeric bead bond retained with the beads rather than clean removal from the sockets.

S-720.04.2.11--Thickness. Unless otherwise indicated on the plans, the retroreflective pliant polymer film, without adhesive, shall be supplied in a standard thickness of 0.06 inch.

S-720.04.2.12--Effective Performance Life. The film, when applied according to the recommendations of the manufacturer, shall provide a neat, durable marking that will not flow or distort due to temperature if the pavement surface remains stable. Although reflectivity is reduced by wear, the pliant polymer shall provide a cushioned, resilient substrate that reduces bead crushing and loss. The film shall be weather resistant and, through normal traffic wear, shall show no appreciable fading, lifting or shrinkage throughout the useful life of the marking, and shall show no significant tearing, roll back, or other signs of poor adhesion.

S-720.04.3--Manufacture's Certification. The Contractor shall furnish the Engineer with three copies of the manufacture's certification stating that each lot in a shipment complies with the requirements of the contract. The Engineer reserves the right to select samples at random for testing.

S-720.05--Preformed Pavement Markings for Construction Zones.

S-720.05.1--General. In addition to the specific material requirements set forth herein, pavement marking materials must have been approved for listing in MDOT's "Approved Sources of Materials" prior to their use. The preformed markings shall consist of white or yellow retroreflective films on a conformable backing.

The size, quality, and refractive index of the glass beads shall be such that the performance requirements for the markings will be met. The bead adhesion shall be such that beads are not easily removed when the material surface is scratched with a thumbnail.

The pigments shall be selected and blended to provide pavement markings which are white or yellow and conform to standard highway colors.

The markings shall be precoated with a pressure sensitive adhesive and shall be capable of being adhered to asphalt concrete or portland cement concrete in accordance with manufacturer's instructions without the use of heat, solvents or other additional adhesive means, and shall be immediately ready for traffic after application.

The markings shall be provided in specified widths and shapes. Preformed words and symbols shall conform to the applicable shapes and sizes as outlined in the current edition of the MUTCD.

The materials shall be packaged in accordance with accepted commercial standards, and when stored in a cool dry area indoors shall be suitable for use for one year after the date of purchase.

S-720.05.2--Classification of Markings. Retroreflective preformed pavement markings shall be of the following types, as specified on the plans or bid sheets:

S-720.05.2.1--Type 1. The markings shall consist of a mixture of high quality polymeric materials, pigments and glass beads with a reflective layer of beads bonded to the top surface. A non-metallic medium coated with a pressure sensitive adhesive shall be incorporated to facilitate removal. The adhesive shall be of a type that is completely removed with the pavement marking or colorless so as not to leave a color mark on the pavement.

Reflectance. The markings shall meet or exceed the initial reflectance values when measured in accordance with the testing procedures of ASTM Designation: D 4592.

INITIAL REFLECTANCE VALUES

	<u>White</u>		<u>Yellow</u>	
Entrance Angle	86°		86°	
Observation Angles	0.2°	0.5°	0.2°	0.5°
SL (mcd/ft ² /fc)	1770	1270	1310	820

The photometric quantity to be measured shall be specific luminance (SL) and shall be expressed in millicandelas per square foot per footcandle. The test distance shall be 50 feet, and the sample size shall be

a 2.0 x 2.5-foot rectangle. The angular aperture of both the photoreceptor and light projector shall be six minutes of arc. The reference center shall be the geometric center of the sample, and the reference axis shall be taken perpendicular to the test sample.

The quantity SL (specific luminance) treats the retroreflector as a surface source rather than a point source whose projected area is visible as an area at the observation position. The quantity SL related to the way the effective retroreflective surface is focused on the retina of the human eye and to the visual effect thereby produced. It is recommended for describing the performance of highway signs and striping, or large vehicular markings which are commonly viewed as discernable surface areas.

S-720.05.2.2--Type 2. The pavement markings shall consist of retroreflective materials on a conformable metallic backing, precoated with a pressure sensitive adhesive which is colorless so as not to leave a color mark on the pavement or of a type that is substantially removed with the pavement marking.

Reflectance. The markings shall meet or exceed the initial reflectance values when measured in accordance with the testing procedures of ASTM Designation: D 4592.

INITIAL REFLECTANCE VALUES

	<u>White</u>		<u>Yellow</u>	
Entrance Angle		86°	86°	
Observation Angles	0.2°	0.5°	0.2°	0.5°
SL (mcd/ft ² /fc)	1360	760	820	510

The sample size, test procedure and measurement of test values shall be as prescribed for Type 1 in S-720.05.2.1.

S-720.05.3--Certificates of Compliance. The Contractor shall furnish three copies of certifications from the manufacturer for each lot of pavement markings used stating that the material meets the requirements of the contract.

S-720.06--Raised Pavement Markers.

S-720.06.1--General. Raised pavement markers, including high performance raised pavement markers, shall be listed in MDOT's "Approved Sources of Materials".

S-720.06.2--Type of Markers. Pavement and jiggle markers shall conform to one or more of the following types:

Type A - Non-Reflective White Jiggle Markers.
 Class 1- Acrylonitrile-Butadiene-Styrene Markers. Class 2 - Ceramic Markers.
 Type AY - Non-Reflective Yellow Jiggle Markers.
 Class 1 - Acrylonitrile-Butadiene-Styrene Polymer Markers. Class 2- Ceramic Markers.
 Type B - 2-Way Clear Reflective Markers. Type C -
 Red-Clear Reflective Markers.
 Type D - 2-Way Yellow Reflective Markers. Type E -
 One-Way Clear Reflective Markers. Type F - One-Way Yellow Reflective
 Markers. Type G - Yellow-Clear Reflective Markers.
 Type H - Chip Seal Clear Reflective Markers. Type I - Chip
 Seal Yellow Reflective Markers.

High performance raised pavement markers shall be available in Types B through G.

S-720.06.3--Acceptance Procedures.

S-720.06.3.1--Marker Type A. The Contractor shall furnish the Engineer three copies of the manufacturer's certified test reports covering all pavement markers shipped to the project. The certified test report shall show the test results on each part of each section contained in Mississippi Test Method MT-17 and shall state that the markers represented by the test results comply with the specifications contained herein in all respects.

The pavement markers will be accepted on the basis of the manufacturer's certified test reports. The Engineer reserves the right to obtain check samples as deemed necessary for determining compliance with this specification

S-720.06.3.1.1--Marker Type B through G. The Contractor shall furnish the Engineer three copies of the manufacturer's certified test reports covering all pavement markers shipped to the project. The certified test reports shall show the test results on each part of the applicable requirements of ASTM Designation: D 4280.

The pavement markers will be tentatively accepted on the basis of the manufacturer's certified test reports. The Engineer reserves the right to obtain check samples as deemed necessary for determining compliance with this specification.

S-720.06.3.2--Marker Type H and I. Prior to use, the Contractor shall furnish the Engineer three copies of a certification for each shipment stating that the material furnished is of the same composition as that originally approved by MDOT and that the material has not been changed or altered in any way. The Engineer reserves the right to obtain check samples as deemed necessary for determining compliance with this specification.

S-720.06.4--Sampling, Tolerances, and Packaging. Pavement markers shall conform to sampling, tolerance, and packaging requirements as set out below.

S-720.06.4.1--Sampling. For Marker Type A, H and I, ten (10) markers of each type and class, selected at random, will constitute a representative sample for each lot regardless of lot size.

For Marker Type B through G, check sampling, when performed, shall require ten (10) markers of each type, selected at random, to constitute a representative sample for each lot regardless of lot size.

A resample of any marker type will consist of twice as many markers as originally sampled.

S-720.06.4.2--Tolerances.

S-720.06.4.2.1--Tolerances For Marker Type A, H & I. At least 90% of the original sampling of each lot of markers shall pass all tests with the following exceptions:

When less than 90% but more than 70% pass all tests, a resample of that lot will be allowed at the request of the Contractor. When less than 70% of the markers from the original sample comply with the requirements, the lot represented by the samples will be rejected and no resample will be allowed. Tolerances for resamples shall be in the same ratio as specified above.

At least two of three specimens, randomly selected for strength, water absorption, and autoclave, and also the averages of the three, must pass the stated requirements; otherwise, three additional markers selected at random shall be tested, and if the same conditions for passing are not met for these latter three markers, the lot will be rejected.

S-720.06.4.2.2--Tolerances For Marker Type B through G. At least 90% of the check sampling of each lot of markers shall pass the strength test required in the Physical Properties Section of ASTM Designation: D 4280 with the following exceptions:

When less than 90% but more than 70% pass the test, a resample of that lot will be allowed at the request of the Contractor. When less than 70% of the markers from the check sample comply with the requirements, the lot represented by the samples will be rejected and no resample will be allowed. Tolerances for resamples shall be in the same ratio as specified above.

S-720.06.4.3--Packaging. Shipments shall be made in containers which are acceptable to common carriers and packaged in such a manner as to insure delivery in perfect condition. All damaged shipments shall be replaced by the Contractor.

Each package shall be clearly marked as to the name of the manufacturer, type, quantity enclosed, lot number, and date of manufacture.

S-720.06.5--Non-Reflective Pavement Markers. Non-reflective jiggle markers shall be either Class 1 or Class 2. Markers shall be approved products as listed on MDOT's "List of Approved Sources of Materials".

S-720.06.5.1--Class 1 Markers. Class 1 non-reflective jiggle markers shall consist of

an acrylonitrile-butadiene-styrene polymer or other approved material, and shall be 4 inches wide x 6 inches long. Infrared curves of materials used in markers shall match approved curves on file at MDOT's Central Laboratory.

Property

Requirement

Heat Resistance	No change in shape or appearance
Resistance	Impact
Load Resistance	No break, chip or crack
	No break, chip, crack or permanent deformation

S-720.06.5.2--Class 2 Markers. Class 2 non-reflective jiggle markers shall consist of a heat-fired, vitreous, ceramic base, and a heat-fired, opaque, glazed surface to produce the properties required in these specifications. The bottom of the marker shall not be glazed. The markers shall be produced from any suitable combination of intimately mixed clays, shales, talcs, flints, feldspars, or other inorganic material which will meet the properties herein required. The markers shall be thoroughly and evenly matured and free from defects which affect appearance or serviceability.

Non-reflective markers shall conform to the following finish and testing requirements:

The top surface of the marker shall be in reasonably close conformity with the configuration shown on the plans. All edges shall be rounded and any change in curvature shall be gradual. The top and sides shall be smooth and free of mold marks, pits, indentations, air bubbles, or other objectionable marks or discolorations. The base of all markers shall be flat (the deviation from a flat surface shall not exceed 0.05 inch) and free from gloss glaze or substances that may reduce its bond to the adhesive.

All tests shall be performed in accordance with Mississippi Test Method: MT-17, which will be on file in the MDOT Materials Division.

<u>Test</u>	<u>Requirement</u>
Glaze thickness	0.005 inch min.
Moh Hardness	6 min.
Directional reflectance (Type A, white markers only)	
Glazed Surface	75 min.
Body of Marker	70 min.
Yellowness Index (Type A, white markers only)	
Glazed Surface	0.07 max.
Body of Marker	0.12 max.
Color (Type AY, yellow markers only), FHWA Highway Yellow Color Tolerance Chart	PR Color # 1
Autoclave Craze, or peel	Glaze shall not spall,
Compressive Loading	750 pounds min.
Water Absorption	2.0% max.

S-720.06.6--Reflective Pavement Markers. Reflective pavement markers shall be listed on MDOT's "Approved Sources of Materials" and shall meet the applicable requirements of ASTM Designation: D 4280.

S-720.06.7--Adhesive for Pavement Markers.

S-720.06.7.1--General Requirements. The adhesive shall be an asphaltic or thermoplastic material suitable for bonding pavement markers to portland cement concrete pavement, hot bituminous pavement and chip-sealed surfaces when the road surface and marker temperatures are in the range of 50°F to 160°F. The composition of the adhesive must be such that its properties will not deteriorate when heated to and applied at temperatures up to 425°F using either air or oil-jacketed melters.

S-720.06.7.2--Specific Requirements. In addition to the specific requirements set forth herein, the adhesive shall be listed on MDOT's "Approved Sources of Materials" prior to its use.

S-720.06.7.3--Packaging and Labeling. The adhesive shall be packaged in self-releasing cardboard containers which will stack properly. The label shall show the manufacturer, quantity, and lot or batch number. "Adhesive for Pavement Markers" or "Adhesive for Traffic Markers" shall be printed in bold lettering on the label.

S-720.06.7.4--Sampling. When required by the Engineer, a minimum of 10 pounds of adhesive per lot or batch received shall be submitted for compliance testing. This may be submitted in the form of an adhesive testing package from each batch or material obtained from a package shipped to the project.

S-720.06.7.5--Manufacturer's Certified Test Report. The adhesive will be accepted by a manufacturer's certified test report. The certified test report shall show the test results and shall state that the adhesive represented by the test results meets all the requirements of the contract and has the properties and characteristics as herein specified. It shall be the Contractor's responsibility to furnish three copies of the manufacturer's test report for each batch of adhesive shipped to the project. The Engineer reserves the right to take samples for testing as he deems necessary.

S-720.06.7.6--Bituminous Adhesive (Standard Type). The asphaltic material and mineral filler shall comply with the following requirements:

(a) Adhesive Properties:

<u>Min.</u>		<u>Max.</u>	<u>Method</u>
Softening Point, °F	200	-	ASTM D 36
Penetration @ 77°F	10	20	ASTM D 5
Flow, inch	-	0.2	MT-73
Heat Stability Flow, inch	-	0.2	MT-73
Viscosity, 400°F, Poises	-	75	MT-73
Flash Point, C.O.C., °F	550	-	ASTM D 92

(b) Asphalt properties determined on the filler-free material derived from the extraction and Abson recovery process as explained in Mississippi Test Method MT-73.

	<u>Min.</u>	<u>Max.</u>	<u>Method</u>
Filler Content, percent by weight	50	75	MT-73
Filler Fineness, percent passing Sieve No. 100	100	-	MT-73
Sieve No. 200	90	-	MT-73
Sieve No. 325	75	-	MT-73

S-720.06.7.7--Flexible Adhesive. The hot applied flexible pavement marker adhesive shall be a hot melt thermoplastic material capable of bonding the marker without excessive marker movement at hot summer temperatures and remain flexible at winter temperatures. The adhesive shall comply with the following physical requirements when melted in accordance with ASTM Designation: D 3407 and poured into suitable test molds:

<u>Test</u>	<u>Result</u>	<u>Test Method</u> ASTM
Penetration, 77°F	25 max.	Designation: D 5 ASTM
Softening point	200°F min.	Designation: D 36
Brookfield viscosity, 400°F	10,000 cp max.	ASTM Designation: D 3236
Ductility @ 77°F, 5 cm/min	15 cm min.	ASTM Designation: D 113
Ductility @ 39.2°F, 1 cm/min	5 cm min.	ASTM Designation: D 113
Asphalt Compatibility	Pass	ASTM Designation: D 5329
Flexibility	Pass at 20°F	Per S-720.06.7.8

S-720.06.7.8--Test Procedure for Flexibility.

Sample preparation - One-eighth inch thick steel shims are used to enclose an opening which is one-inch wide and four-inches long on a sheet of release paper or a release treated metal plate. The heated adhesive is poured into the opening until it is slightly overfilled. After one hour of cooling the excess adhesive is trimmed flush with the shims using a hot knife and then the sample is removed from the shims.

Conditioning - The trimmed samples are placed in a freezer maintained at 20 $\pm$ 2°F for a minimum of four hours.

Testing - The conditioned samples are removed from the freezer and immediately bent through an arc of 90 degrees at a uniform rate in 10 seconds (9 degrees per second) over a one inch diameter mandrel. A passing result is one in which no cracking occurs in the test sample. At least two of the three specimens tested must meet the flexibility requirement at 20°F for a passing result.

SECTION S-721 - MATERIALS FOR SIGNING

S-721.01--General. All materials included in this section will be conditionally accepted on the basis of the manufacturer's certification of compliance, as specified in S-106.04, except those materials normally tested by MDOT (i.e. concrete, reinforcing steel, timber posts, etc.). The Engineer shall be furnished the original and three copies of the manufacturer's certification. The Engineer reserves the right to test or have tested by a commercial laboratory any material that has been conditionally accepted by certification.

S-721.02--Ferrous Materials.

S-721.02.1--General. All welds shall be mechanically cleaned before galvanizing. All ferrous metal except reinforcing steel, and sheet steel unless otherwise specified, shall be zinc-coated (galvanized) by the hot dip method in accordance with AASHTO Designation: M 111 after all fabrication has been completed.

S-721.02.2--Structural Steel for Sign Supports. Structural steel used in sign support structures shall be of standard shape. Structural steel pipe per ASTM Designation: A 53 shall be manufactured by the open-hearth or basic oxygen process.

S-721.02.2.1--Ground Mounted Sign Supports. Posts shall be provided with "break-away" mountings (as shown on the plans) of the following materials:

Structural steel beams for posts per AASHTO Designation: M 160.

Steel plates for steel beam posts per AASHTO Designation: M 160.

Welded and seamless steel pipe for posts per ASTM Designation: A 53, Type E or S, Grade B, or steel structural tubing per ASTM Designation: A 501.

U-Section posts for supplementary directional signs per S-721.02.3 "Steel Posts for Small Signs" modified as shown on the plans.

Structural steel shapes, bars, and plates used for bracing, framing and other accessories, including base plates for steel posts, per ASTM Designation: A 36.

High strength bolts, nuts, and washers for post bases and for fuse plates per S-717.01.7 and S-810.02.21 modified as shown on the plans.

S-721.02.2.2--Overhead Sign Supports. Materials approved for use in the construction of overhead sign supports include the following:

Welded and seamless steel pipe per ASTM Designation: A 53, Type E or S, Grade B or Type F.

Steel structural tubing per ASTM Designation: A 501.

Structural shapes, plates, and bars per ASTM Designation: A 36. Castings for post, base, and truss flange per AASHTO Designation: M 106, Grade 35018.

Castings for post caps and chord caps per AASHTO Designation: M 105, Class 25 S.

High strength bolts, nuts, and washers for chord connections per S-717.01.7 and S-810.02.21.

Anchor bolts per ASTM Designation: A 307, Grade A.

S-721.02.3--Steel Posts for Small Signs.

S-721.02.3.1--Material. The posts shall be of high carbon rail steel ASTM Designation: A 499.

S-721.02.3.2--Workmanship. All posts shall be straight with no bending, warping, splits, or breaks.

S-721.02.3.3--Cross-Section. The posts shall be "U" section as shown on the plans. The bends in the cross-section of the post must be sharp and well defined, and the radius of the bend shall not be greater than 13/32 of an inch.

S-721.02.3.4--Weight. The weight of the posts per linear foot without ground plates, shall be 2.0 pounds for 7-foot and 9-foot lengths and 3.0 pounds for 11-foot and 14-foot lengths with a tolerance of three and one-half percent, or as shown on the plans.

S-721.02.3.5--Punching. The posts shall be punched on the center line of the web while hot. Posts of 7-foot to 14-foot lengths shall have 3/8 inch holes one inch apart on centers starting one inch from the top of the posts and extending the full length of the post.

S-721.02.3.6--Pointing. The posts shall not be pointed.

S-721.02.3.7--Ground Plates. Posts of 7-foot lengths are not required to have ground plates. The distance from the top of the ground plate to the bottom of 9 foot to 11-foot length posts shall be 24 inches. The distance for 12-foot or greater length posts shall be 30 inches.

S-721.02.4--Reinforcing Steel. Reinforcing steel used shall conform to S-711 and shall be placed in accordance with S-602.

S-721.02.5--Bolts, Nuts, Washers, Screws, and other Hardware. Except as otherwise specified, all bolts, nuts, washers, sheet metal screws, and machine screws shall be coated by the zinc chromate process. The zinc chromate process shall be in accordance with the requirements of ASTM Designation: B633. Bolts shall have a 1/2-inch head and shall meet the requirements of ASTM Designation: A307, Grade A. Nuts shall be self-locking and shall meet the requirements of ASTM Designation: A563. Flat washers shall be installed between the sign support and the self-locking nut and shall meet the requirements of ANSI Designation: B27.2. Sheet metal screws shall meet the requirements of ANSI Designation: B18.6.4. Machine screws shall meet the requirements of ANSI Designation: B18.6.3. Vinyl spacers shall be installed between the bolt head and the sign face and shall meet the following maximum dimensions: 7/8-inch outside diameter by 3/8-inch inside diameter by 1/16-inch thickness.

Post clips used with extruded panel signs shall be cast aluminum per ASTM Designation: B 108, Alloy No. 356.0-T6 or extruded aluminum per ASTM Designation: B 221, Alloy 6063-T6. Unless otherwise specified, all bolts, sheet metal screws, and machine screws used in assembling signs, frames, and post braces, including post clips and panel bolts, shall be in accordance with ASTM Designation: A 307, Grade A.

S-721.02.5.1--Vandal-Resistant Bolts, Vandal-Resistant Nuts, Nylon Washers and other Hardware. When Vandal-Resistant Hardware for signs are noted on the plans, all bolts, nuts, washers, sheet metal screws, and machine screws shall be coated by the zinc chromate process. The zinc chromate process shall be in accordance with the requirements of ASTM Designation: B633. Bolts shall be 5/16 inch diameter, 2 1/2 inch long (minimum) carriage bolts, hex bolts or "one-way" bolts. Carriage bolts shall be round headed with a square neck and shall not have any slots or other opening for any type of tool. This square neck shall fit snugly and not move when tightened into the hole in the sign face. Hex bolt and one-way bolt heads shall not be square necked, but shall tighten flat against the sign face. One-way bolts shall be able to be tightened but not loosened by a screw driver. If hex bolts or one-way bolts are used, a nylon washer shall be provided to place between the bolt head and the sign face.

An approved vandal-resistant nut will be required regardless of the type of bolt used. A 5/16 inch inside diameter rustproofed steel, aluminum or approved equal washer shall be provided to place between the post and the vandal-resistant nut. The outside diameter of this washer will be dependent on the type of vandal-resistant nut used.

S-721.03--Aluminum. All aluminum shall be free from corrosion, white rust, water stains, dirt, and grease. Fabrication shall be accomplished in a uniform and workmanlike manner. All fabrication, including cutting and punching of holes, shall be completed prior to metal treatment. Sign blanks shall be cut to size and shape and shall be free of buckles, warps, dents, cockles, burrs, and defects resulting from fabrication. The surface of all sign blanks shall be flat.

All blanks not having corner radii shall have square (90°) corners to facilitate sign fabrication.

S-721.03.1--Sheet Aluminum. Sheet aluminum or blanks shall meet the requirements of ASTM Designation: B 209, Alloy 6061-T6 or 5052-H38. Gauge, dimension, punching and corner radii shall be in accordance with the plans.

S-721.03.2--Extruded Signs. Extruded sign panels, extruded moldings, and extruded post clips shall meet the requirements of ASTM Designation: B 221, Alloy 6063-T6. Sections and dimensions shall be as shown on the plans. The panel shall be of the butt type, designed to withstand a wind pressure of 50 pounds per square foot. All panels shall be flat and straight within commercial tolerances as established by the aluminum industry. Extruded sign sections shall be subject to approval by the Engineer. Extruded sign sections shall be provided with slotted bolt holes. Sign moldings and post clips shall be designed for the sign panel section with which it is used. Sign moldings shall be anchored to the sign panels by means of aluminum pull-through rivets or self tapping screws.

S-721.03.3--Overhead Sign Support Material. Material approved for use in the construction of Overhead Sign Supports include the following:

Extruded structural tube and pipe per ASTM Designation: B 221, B 241 or B 429, Alloy 6061-T6.

Extruded structural tube and pipe per ASTM Designation: B 221, B 241 or B 429, Alloy 6063-T6.

Structural shapes per ASTM Designation: B 308, Alloy 6061-T6.

Sheet and plate per ASTM Designation: B 209, Alloy 6061-T6.

Castings for post and chord caps per ASTM Designation: B 26, Alloy No. 356.0.

Base and filler metals for welding shall be as listed below:

BASE
METAL ALLOYS

6061-T6 to 6061-T6
6063-T6 to 6061-T6
or 6063-T6

FILLER
METAL ALLOYS

ER-5556
ER-4043, ER-5356
or ER-5556

S-721.04--Concrete. Unless otherwise specified, concrete shall be Class B. Composition, manufacture, and placement shall be in accordance with S-601.

S-721.05--Colors and Paint. All colors for signs shall match FHWA Specifications for standard highway sign colors. The molding which is attached to the extruded panel signs shall be painted with a semi-gloss baking enamel meeting Federal Specification TT-E-529a.

Aluminum paint shall conform to S-710.02.1. Transparent and black opaque process colors used in silk screening shall be that or equal to that recommended by the manufacturer of the retroreflective sheeting, and shall match FHWA Specifications for standard highway sign colors. Toning of certain colors for adjustment in hue shall be accomplished in accordance with the recommendations of the manufacturer of the process paste.

S-721.06--Reflective Sheeting.

S-721.06.1--General. Retroreflective sheeting materials shall comply with all applicable requirements of ASTM Designation: D 4956, except as specifically modified herein, and be listed on MDOT's "Approved Sources of Materials".

Reflective sheeting shall be one of the following types.

- Type III. A high-intensity retroreflective sheeting. This shall be an encapsulated glass-bead or unmetallized microprismatic retroreflective material. This sheeting shall have a protected, pre-coated, pressure-sensitive adhesive backing.
- Type VII. A super high-intensity retroreflective sheeting. This shall be an unmetallized microprismatic retroreflective material. This sheeting shall have a protected, pre-coated, pressure sensitive adhesive backing.
- Type VIII. A super high-intensity retroreflective sheeting. This shall be an unmetallized microprismatic retroreflective material. This sheeting shall have a protected, pre-coated, pressure sensitive adhesive backing.
- Type IX. A very-high intensity retroreflective sheeting. This shall be an unmetallized, microprismatic retroreflective material. This sheeting shall have a protected, pre-coated, pressure sensitive, adhesive backing.

All other retroreflective sheeting shall be as shown in the plans.

S-721.06.2--Performance Requirements. The retroreflective sheeting shall have the following minimum brightness values at 0.2° and 0.5° observation angle, in addition 1.0° for Type IX sheeting, expressed as average candelas per footcandle per square foot of material.

Sheetings and inks processed and applied in accordance with the manufacturer's recommendations, shall perform effectively for the number of years stated below. The sheeting will be considered unsatisfactory if it has deteriorated due to natural causes to the extent that: (1) the sign is ineffective for its intended purpose when viewed from a moving vehicle under normal day and night driving conditions or (2) the coefficient of retroreflection is less than the minimum specified for that sheeting during the periods listed below. For screen printed transparent colored areas on white sheeting, the coefficients of retroreflection shall not be less than 70% of the values for the corresponding color in the table.

Type III Sheeting	Retain 85% of initial values listed in Table 1 through 7 years Retain 80% of initial values listed in Table 1 between 7 & 10 years
Type VII Sheeting	Retain 85% of initial values listed in Table 2 through 7 years Retain 80% of initial values listed in Table 2 between 7 & 10 years Retain 50% of initial values listed in Table 2 through 3 years for Fluorescent Orange
Type VIII Sheeting	Retain 85% of initial values listed in Table3 through 7 years Retain 80% of initial values listed in Table 3 between 7 & 10 years Retain 50% of initial values listed in Table 3 through 3 years for Fluorescent Orange Retain 80% of initial values listed in Table 3 through 7 years for Fluorescent Yellow/Green & Fluorescent Yellow
Type IX Sheeting	Retain 85% of initial values listed in Table 4 through 7 years Retain 80% of initial values listed in Table 4 between 7 & 10 years Retain 80% of initial values listed in Table 4 for 7 years for Fluorescent Yellow/Green & Fluorescent Yellow

MINIMUM COEFFICIENTS OF RETROREFLECTION

Candela per foot candle per square foot (cd/fc/ft²) Per ASTM Designation: E 810

TABLE 1
Type III Sheeting

Observation	Entrance	Sheeting Color						
Angle (°)	Angle (°)	White	Yellow	Orange	Green	Red	Blue	Brown
0.2	- 4	250	170	100	45	45	20	12
0.2	+30	150	100	60	25	25	11	8.5
0.5	- 4	95	62	30	15	15	7.5	5.0
0.5	+30	65	45	25	10	10	5.0	3.5

TABLE 2
Type VII Sheeting

Observation	Entrance	Sheeting Color						
Angle (°)	Angle (°)	White	Yellow	Green	Red	Blue	Brown	Fluorescent Orange
0.2	- 4	750	560	75	150	34	23	200
0.2	+30	430	320	43	86	20	10	85
0.5	- 4	240	180	24	48	11	8	90
0.5	+30	135	100	14	27	6.0	4	50

MINIMUM COEFFICIENTS OF RETROREFLECTION
Candela per foot candle per square foot (cd/fc/ft²)

TABLE 3
Type VIII Sheeting

Observation Angle (°)	Entrance Angle (°)	White	Yellow	Green	Red	Blue	Brown	Fluorescent Orange	Fluorescent Yellow/Green	Fluorescent Yellow
0.2	- 4	700	525	70	105	42	21	200	480	375
0.2	+3	325	245	33	49	20	10	85	240	170
0.5	- 4	250	190	25	38	15	7.5	90	235	165
0.5	+3	115	86	12	17	7	3.5	50	110	85

TABLE 4
Type IX Sheeting

Observation Angle (°)	Entrance Angle (°)	White	Yellow	Green	Red	Blue	Fluorescent Yellow/Green	Fluorescent Yellow
0.2	- 4.0	380	285	38	76	17	325	240
0.2	+30.0	215	162	22	43	10	205	150
0.5	- 4.0	240	180	24	48	11	240	165
0.5	+30.0	135	100	14	27	6.0	110	75
1.0	- 4.0	80	60	8	16	3.6	65	45
1.0	+30.0	45	34	4.5	9	2.0	35	25

S-721.06.3--Certification. The Contractor shall require the supplier to furnish certified evidence and/or samples to the Engineer showing conformance to these requirements. Manufacturer's warranties or guarantees provided as customary trade practice shall be furnished the Engineer.

S-721.06.4--Color. Reflective sheeting shall meet the color requirements of ASTM Designation: D 4956. See Table 5 below for color specifications for fluorescent yellow green, fluorescent orange, and fluorescent yellow sheeting.

TABLE 5
Color Specification Limits for New Sheeting- Daytime

Color	Chromaticity Coordinate	Chromaticity Coordinate	Chromaticity Coordinate	Chromaticity Coordinate	Total Luminance Factor Limit
	1	2	3	4	Yn
	x y	x y	x y	x y	<u>Min.</u>
Fluorescent Yellow Green	0.387 0.610	0.460 0.540	0.438 0.508	0.376 0.568	60%
Fluorescent Orange	0.562 0.350	0.645 0.355	0.570 0.429	0.056 0.404	30%
Fluorescent Yellow	0.521 0.424	0.577 0.442	0.479 0.520	0.454 0.491	40%

S-721.06.5--Adhesive. The retroreflective sheeting shall include a pre-coated pressure sensitive adhesive, as referenced in ASTM Designation: D 4956, Class I, applied without the necessity of additional adhesive coats on the retroreflective sheeting or application surface.

The Class I adhesive shall be a pressure sensitive adhesive of the aggressive tack type requiring no heat solvent or other preparation for adhesion to smooth clean surfaces.

The protective liner attached to the adhesive shall be removed by peeling without soaking in water or other solutions and shall be easily removed after accelerated storage for four hours at 160°F under a weight of 2.5 pounds per square inch.

S-721.06.6-Blank.

S-721.07--Delineators. Delineators shall consist of encapsulated lens reflective sheeting of the specified colors applied to sheet metal with mechanical equipment in a manner specified by the sheeting manufacturer. The sheet metal shall be the same as that used for small sheet signs as required under S-721.03.1.

S-721.07.1--Flexible Posts. Flexible posts for delineators shall be composed of high impact fiberglass reinforced composite, engineering blended plastic or thermosetting polymers which is reasonably unaffected by long term U.V. exposure. Flexible posts for delineators must be one from MDOT's "Approved Sources of Materials". Prior to use, the Contractor shall furnish the Engineer three copies of the manufacturer's certification for each shipment stating that the material furnished is of the same composition as that originally approved by the MDOT and that the material has not been changed or altered in any way.

S-721.07.1.1--Performance Testing for Flexible Posts.

S-721.07.1.1.1--Impact Resistance. The post must be self erecting after withstanding 10 vehicle impacts at temperatures of 0°F or above without complete loss of serviceability. The impacts shall be made at an impact angle of 25 ±5° with a sedan at 35 mph.

S-721.07.1.1.2--Heat Resistance. A post shall be conditioned a minimum of two hours in an oven at $115^{\circ} \pm 3^{\circ}\text{F}$. The conditioned post shall be capable of straightening itself within 10 seconds when bent 90° at or near midpoint for each of four bends. The test on each post shall be completed within two minutes after removal from the oven. The post shall be bent in the direction to form a 90° angle on the convex side of the post.

S-721.07.1.1.3--Cold Resistance. A post shall be conditioned a minimum of two hours at $-5^{\circ} \pm 3^{\circ}\text{F}$ in an environmentally controlled test chamber. Testing shall be performed in the environmental chamber. The conditioned post shall not be adversely affected when bent at or near midpoint to a 90° angle formed on the convex side of the post. The post shall return to its original shape within 60 seconds for each of four separate bends.

S-721.07.1.1.4--Color Fastness. The post materials shall be exposed for 1000 hours in an Atlas Type B or BH Xenon Arc Weatherometer per ASTM Designation: G 26 with no significant yellowing or darkening.

S-721.07.1.2--Acceptance Procedure. Flexible posts for delineators must be one from MDOT's "Approved Sources of Materials". Prior to use, the Contractor shall furnish the Engineer three copies of the manufacturer's certification for each shipment stating that the material furnished is of the same composition as that originally approved by MDOT and that the material has not been changed or altered in any way.

S-721.08--Removable Copy. Removable copy shall include letters, numerals, symbols, and borders. All designs shall conform to the MUTCD. All removable copy will be attached to the sign face from the front by means of a huck or a cherry rivet gun and aluminum pull-through rivets without the use of clips. Removable copy shall consist of encapsulated lens retroreflective sheeting which has been carefully selected by the manufacturer for uniformity of day and night appearance and applied to flat aluminum backing. The backing shall be a minimum of .032" thick aluminum sheet as per ASTM Designation: B 209, alloy 3003-H14. The metal treatment shall be the same as that for aluminum sheet.

S-721.09--Timber Sign Posts. The posts shall conform to the requirements set forth in S-712.01.2, except that the preservative shall conform with S-718.04.3 or S-718.04.4.

S-721.10--Direct Applied Copy. Direct applied copy which is to be provided on guide directional signs, ground mounted or overhead, shall be directly applied to the sign face. Direct applied copy shall include letters, numerals, symbols and borders. All designs shall conform to the MUTCD. All direct applied copy shall be attached to the sign face by means of pressure sensitive adhesive meeting the requirements of S-721.06.5. Direct applied copy shall consist of encapsulated lens retroreflective sheeting meeting the requirements of S-721.06.

All signs shall be delivered to the site of their erection in one piece with all bolts, rivets, moldings, extrusions, copy, and other required appurtenances thereto attached, complete and ready to be mounted to the sign support structure. Any required supplemental or temporary supports required for stability during transport shall be firmly attached but easily removed prior to erection.

SECTION S-722 - GEOGRIDS**S-722.01--Geogrids.**

S-722.01.1--General. A geogrid is defined as a geosynthetic formed by a regular network of integrally connected elements with apertures greater than 0.25 inch to allow interlocking with surrounding soil, rock, earth and other surrounding materials to function primarily as reinforcement.

The geogrid shall be creep tested in accordance with ASTM Designation: D 5262. The long term design load that shall be reported for design use, shall be that load at which no more than 10% strain occurs over a 100-year design life of the geogrid, as calculated from tests run on representative samples for no less than 10,000 hours. The long term design load shall be reported unfactored, as the AASHTO strength reduction - Durability and Installation, and safety factors - will be considered by the MDOT Geotechnical Branch on a site specific design basis.

The geogrid shall meet the physical requirements of Table II for the type shown on the plans and shall be selected from MDOT's list of "Approved Sources of Materials."

The geogrid shall be mildew resistant and inert to biological degradation and naturally encountered chemicals, alkalis and acids. The geogrid shall contain stabilizers and/or inhibitors, or a resistance finish or covering to make it resistant to deterioration from direct sunlight, ultraviolet rays, and heat.

S-722.02--Marking, Shipment and Storage. Each roll or container of geogrid shall be visibly labeled with the name of the manufacturer, trade name of the product, lot number, and quantity of material. In addition, each roll or container shall be clearly tagged to show the type designation that corresponds to that required by the plans. During shipment and storage the geogrid shall be protected from direct sunlight, and temperatures above 120°F or below 0°F. The geogrid shall either be wrapped and maintained in a heavy duty protective covering or stored in a safe enclosed area to protect from damage during prolonged storage.

S-722.03--Manufacturer's Certification. The Contractor shall furnish the Engineer three copies of the manufacturer's certified test reports indicating that the geogrid furnished conforms to the requirements of the specifications and is of the same composition as that originally approved by MDOT.

S-722.04--Acceptance Sampling and Testing. Final acceptance of each shipment will

be based upon results of tests performed by the approved laboratory on verification samples submitted from the project, as compared to the manufacturer's certified test reports. The Engineer will select one roll or container at random from each shipment for sampling. A sample extending full width of the randomly selected roll or container and being at least five (5) square yards in area will be obtained and submitted by the Engineer. The sample from each shipment shall be provided at no cost to the Project.

Physical Properties	Type Designation						Test Method
	I	II	III	IV	V	VI	
Long Term Design Load, pounds per foot, Machine Direction	250	500	750	1500	2500	3500	ASTM Designation: D-5262
Minimum Ultimate Tensile Strength, pounds per foot, Machine Direction	500	1000	1500	3000	5000	7000	ASTM Designation: D-4595
Open Area, percent	70	70	50	50	50	50	Direct Measurement

DIVISION 16

ELECTRICAL

The Contractor must provide each item mentioned or indicated of quality or subject to qualification noted; perform according to conditions stated each operation prescribed; and provide therefore all necessary labor, equipment, and incidentals for articles, material separations or methods mentioned herein or indicated on the Drawings.

Requirements for the General Conditions, Supplementary Conditions, and Addenda, if issued, shall apply under this Division of Work.

Separation of these Specifications into Divisions and Sections is only for convenience and is not intended to establish limits of work.

Consult index to be certain that set of documents is complete.

INDEX TO DIVISION 16

SECTION 16000	General Provisions
SECTION 16100	Basic Materials and Methods
SECTION 16200	Raceways
SECTION 16250	Grounding
SECTION 16300	Conductors
SECTION 16400	Power Distribution Equipment
SECTION 16500	Exterior Lighting System
SECTION 16600	Electrical Service
SECTION 16800	Mechanical System Wiring
SECTION 16900	Excavation, Trenching and Backfilling

SECTION 16000 - GENERAL PROVISIONS**1.01 SCOPE:**

- A. This Section of the Specifications covers all labor, equipment, supplies and materials, and all operations, including cutting, channeling and chasing necessary for the installation of any required electrical wiring in strict accordance with this Section of the Specifications, the applicable Drawings, and equipment manufacturer recommendations.

1.02 SPECIAL CONDITIONS:

- A. The bidders for the work covered by the Division of the Specifications shall carefully examine the Plans and Specifications to familiarize themselves with the structure and extent of the various contracts and all applicable documents.
1. Coordination of Work: The Contractor is responsible for coordinating the work as required. The Electrical Contractor is responsible for completion of all electrical items under their Division and cooperating with the Contractor and Owner.
 2. Work Included: The work involves electrical systems for the exterior lighting as indicated on the Drawings. Generally the work includes, but is not limited to the following items:
 - a. Coordinate with local utility suppliers and Mississippi One Call for locations of all existing underground utilities
 - b. Coordination and verification of locations of new power sources and underground services with local utility suppliers
 - c. Install new electrical power sources complete with meter socket, panelboard with breakers, underground feeders to new lighting standards, underground service from local utility companies, and galvanized equipment support rack.
 - d. Necessary wiring, conduits and junction-boxes for new exterior lighting standards
 - e. Installation of new exterior lighting systems complete with fixtures, lamps, control devices, and direct embedded and breakaway poles
 - g. Trenching, backfilling, directional boring and landscaping for underground feeders
 - g. Connection of all equipment furnished by others or by the Owner
 - h. Following OSHA and NEC safety requirements and maintaining a safe work environment
 - i. Maintain clean work area and testing and adjusting electrical systems

1.03 SITE CONDITIONS:

- A. The Contractor must visit the site and familiarize himself with all existing conditions prior to submitting bid. No change orders will be allowed because of the Contractor's misunderstanding as to the amount of work involved or their lack of knowledge of any condition with the required work and location.

1.04 PERMITS AND INSPECTIONS:

- A. The Contractor shall secure and pay for all taxes, assessments, permits, and inspections required on work performed under this Section of the Specifications.
- B. Additional costs to aid the construction of the local retail suppliers for relocations or modifications to their facilities and new underground service points shall also be the responsibility of the contractor.

1.05 APPLICABLE STANDARDS AND CODES:

- A. All materials and workmanship shall comply with the current editions of all applicable codes, specifications, local ordinances, industry standards and utility company regulations. The following standards and codes form a part of these specifications:
 - 1. International Building Code
 - 2. State, Municipal, Federal and Local Building Code
 - 3. National Electrical Code (NEC)
 - 4. National Fire Protection Association (NFPA)
 - 5. Underwriters Laboratories
 - 6. National Electrical Manufacturer's Association
 - 7. National Electrical Safety Code (ANSI-C2)
 - Illumination Engineering Society (IES)

1.06 APPROVAL OF MATERIALS AND EQUIPMENT:

- A. Equipment is specified by manufacturer's name and catalog number and is intended to establish the minimum standards of quality acceptable. After installation, the City of Picayune will contract with Mississippi Power Company for maintenance of the new street lighting system. **Therefore any substitute equipment, equivalent in all respects to that specified, must be on the Mississippi Power Company Approved Materials Standards List or accepted by MPC for approval and must have prior approval of MPC, the Engineer of Record and the Owner. Prior written approval** for any substitute exterior lighting standards must be submitted complete with computerized

photometric layout of lighting levels and ratios for the spacing indicated on the drawings for the applications to include street lighting so that all potential contractors may be notified of other equals. After the contract has been awarded, catalog cuts for all materials and equipment, and computerized photometrics for all lighting applications shall be submitted for final approval before purchases are made.

Six (6) copies of Manufacturer's Brochures and Shop Drawings shall be submitted to the Engineer. A complete electrical connection diagram for each electrically controlled component shall be submitted for approval. The approval of Manufacturer's Brochures and Shop Brochures shall not relieve the Contractor from any responsibility for deviation, quantities, physical dimensions, available space, etc., unless approved by the Engineer.

1.07 DEVIATIONS:

- A. The Drawings indicate the general arrangement of the electrical work and locations of lighting standards and power sources. Details of any major departures deemed necessary by the Contractor including spacing or relocation of new exterior light fixtures shall be submitted to the Engineer for approval. Lighting standards pole locations made be adjusted no more than 5' without prior approval. No major additional departures shall be made without prior written approval.

1.08 FINAL SUBMITTAL:

- A. At the completion of the projects prior to final acceptance, each Contractor shall furnish to the Engineer six (6) complete sets of approved Shop Drawings, together with all warranties, maintenance and operating instructions, and computerized photometric for all exterior lighting applications to include side walks and street lighting, bound in a folder to the Engineer. This folder shall also contain one copy of each of complete operating instructions for all control equipment. The folder shall contain panel boards, breakers for power panels, lighting contactors, photocells and any other equipment and systems furnished. Special requirements shall include manufacturer's installation instructions furnished with equipment, lubricating manuals and replacement parts manuals.
- B. This Contractor shall provide as-built drawings at the completion of the job showing all significant modifications and any approved changes.

1.09 COORDINATION:

- A. Contractor must coordinate all construction with the owner. Locations of all existing utilities belonging to the Owner and local retail suppliers must be identified before any construction begins.
- B. Damage to any existing underground utilities made by the Contractor will become the responsibility of the Contractor for all required repairs.

1.09 GUARANTEE:

- A. This Contractor shall guarantee to Owner, work performed under this Contract to be free from defects in workmanship and materials for a period of one year from date of final acceptance by the Engineer of Record and the Owner. Any defects arising during this period will be promptly remedied by the Contractor within a reasonable period without cost to Owner. Manufacturer's warranty for all LED type fixtures will be honored.

SECTION 16100 - BASIC MATERIALS AND METHODS**1.01 GENERAL:**

- A. **MATERIALS:** All electrical materials shall be new and approved by the NEMA and Underwriters' Laboratories, Inc., wherever standards have been established by that agency.
- B. **STANDARD PRODUCTS:** The materials furnished under this Section of the Specifications shall be the standard products of manufacturers regularly engaged in the production of such equipment.
- C. **CIRCUITS:** Circuit grouping, conduit or cable runs, and home runs are indicated diagrammatically. Contractor shall provide proper conductors and conduits or cables to produce an operative system and comply with the exterior lighting system manufacturer's requirements.
- D. **HOME RUNS:** Home Runs are indicated on the Drawings but may be regrouped if Contractor desires. In any case, however, no two ungrounded conductors shall be connected to the same ungrounded lug of a breaker or switch.

1.02 WIRING METHODS:

- A. Unless otherwise specified or indicated on the drawings, wiring shall consist of insulated conductors in rigid zinc-coated steel conduit (GRC), electrical metallic tubing (EMT), and/or Poly Vinyl Chloride (PVC) as indicated on the drawings.

1.03 CONDUIT SYSTEM:

- A. Minimum size of conduit and tubing shall be 1/2". Raceways shall be concealed within finished walls, ceilings, floors, and foundations. Raceways shall be supported with mechanical fastening devices (wire is not acceptable), at intervals not to exceed the requirements of the NEC. Conduits shall be fastened to sheet metal boxes and cabinets with two locknuts where required by the National Electrical Code, where insulating bushing are used and where bushing cannot be brought into firm contact with the box; otherwise a single locknut and bushing is acceptable. Bushings shall be of the insulating type where required by the National Electrical Code. Install heavy wall rigid galvanized steel conduit or Schedule 80 PVC conduits on all feeders exposed outdoors unless otherwise noted. Where flexible metallic conduit is needed, contractor shall use "sealtite" type in damp or wet locations and green field in dry locations. The maximum length of flexible vapor tight or metallic conduit required shall be 60".
- B. Special underground junction-pull-splice box enclosures will be required at each street lighting standard and at intersection of the underground street lighting feeders. These special enclosures will be equal to Quazite UL listed type PG precast polymer concrete complete with covers and logo. Underground enclosures will meet UL Tier Designation

8 for sidewalk applications with a safety factor for occasional non-deliberate vehicular traffic.

- C. Each outlet in the wiring or raceway systems shall be provided with an outlet box to suit the conditions encountered. All outlet and junction boxes, conduit fittings, covers and supports shall be galvanized or sheradized steel. Junction or pullboxes as required by field conditions shall be polymer concrete composite. Each junction or pull box shall have sufficient volume to accommodate the number of conductors. See Article #370 NEC. Note: All junction boxes shall have covers installed upon completion of the job.
- D. Close all unused knockout holes and install weather tight blank covers on boxes having no fixture or device.
- E. Plates and/or covers shall be provided on all switches, convenience outlets, receptacles, telephone outlets, computer outlets, and special purpose outlets. All surface outlets shall have galvanized jumbo type plates.

1.05 CONDUCTORS:

- A. GENERAL: All wiring shall be 98% conductivity and having 600 volt insulation level. Conductors shall be stranded copper with thermoplastic insulation unless otherwise noted. Solderless pressure type connectors be used for all connections where required and then properly sealed with heat shrink tubing and rubber tape.
- B. SIZES: Conductor sizes shall not be less than indicated. Branch circuit conductors shall be not smaller than No. 12 AWG. Conductors for branch circuits of 120 volts more than 100' long from panel to load center shall be No. 10 AWG. Class 1 remote-control and signal-circuit conductors shall not be less than No. 14 AWG Class 2 low-energy remote-control and signal circuit conductors shall be not less than No. 16 AWG.
- C. INSULATION: Conductors No. 8 AWG or larger shall be Type RHW or THW. Conductors smaller than No. 8 AWG shall be Type TH, THW, or THHN except that No. 16 AWG conductors for Class 2 remote-control and signal circuits may be commercial fixture wire, Type RF-2 or TF. Conductors of all sizes for temperatures in excess of 75 degrees centigrade shall be Type RHH or SA.
- D. IDENTIFICATION: Identification of branch circuits shall be of color coding. Control circuit conductor identification shall be made of color coded insulated conductors, plastic-coated self-sticking printed markers, permanently attached stamped metal foil markers, or equivalent means as approved by the Engineer. Conductor identification shall be provided within each enclosure where at tap, splice, or termination is made. Control circuit terminals of equipment shall be properly identified. Terminal and conductor identification shall match that shown on approved shop drawings. Hand lettering or marking is not acceptable.

E. IDENTIFICATION CONTINUED

1. All branch circuit wiring shall be color coded by insulation covering as follows:

120/240 or 120/208-Volts, 3-Wire, 1-Phase

Phase A - Black

Phase B - Red

Neutral - White

Ground - Green

2. Switch legs - pink with traces of base phase color or other marking as approved by Engineer.

3. Travellers for 3-way Switching - Solid violet or other color as approved by the Engineer.

4. All Conductors - No. 6 and larger may have solid black insulation with use identified by banding with tape at all terminations and access points for not less than 2" along cable. Tape used will be same colors as described above.

5. The Phases A, B, Neutral and Ground shall be established and marked at all panels, lighting contactors and any control panels as follows: Front to rear; top to bottom; or left to right when facing the equipment wiring access area.

E. GROUNDING: All equipment, raceways, service neutrals, etc., shall be grounded. Service conduits and conduits entering and leaving service switches shall be grounded with grounding type bushings complete with lugs. Bond each bushing by means of copper connections to neutral conductor and bar or lug. Ground rods shall be extendable type and 5/8" X 10' - 0" copper clad sectional, solid rods. They shall be installed with top 6" below finished grade. Resistance to ground shall not exceed 25 ohms and may require multiple extendable rods be required to meet this resistance. Provide a separate

equipment grounding conductor in each branch circuit. Equipment grounding conductor shall have a green colored insulation and shall be sized in accordance with Table 250-95 of the NEC. The grounding electrode conductor shall be sized in accordance with Table 250-94 of the NEC.

F. INSTALLATION: An approved lubricant non-injurious to the conductor insulation shall be used where necessary for pulling conductors into raceways.

1.06 DEVICES:

A. Furnish and install all wiring devices as indicated on the Drawings and as required for a complete electrical system.

- B. WALL SWITCHES: Switches shall be of specification grade, totally enclosed tumbler type with bodies constructed of phenolic compound. Wiring terminals shall be of screw or solderless pressure type having a suitable conductor-release arrangement. Switches shall be rated 20 amp, 125-277 volts, for use on alternating current only unless otherwise indicated.
- C. RECEPTACLES: All duplex receptacles shall be provided with third grounded pole and shall be of specification grade. Receptacles shall be capable of receiving a two-wire parallel-bladed cap or three pole cap. The third pole shall be connected to the metal mounting yoke. Receptacles shall be rated 20 amperes, 125 volts. Special purpose receptacles shall be located as indicated on drawings. Each shall be of top specification grade, of proper NEMA configuration for equipment, served, and equipped with proper cap completely installed. All exterior receptacles shall be weatherproof and non-metallic type.
- D. DEVICE PLATES: Plates shall be provided for all outlets and fittings to suit the devices installed. Plates will be 302 stainless steel jumbo type. Screws shall be of metal with counter-sunk heads. Plates shall be installed with all four edges in continuous contact with finished wall surfaces without the use of mats or similar devices. Plaster fillings will not be permitted. Plates shall be installed with an alignment tolerance of 1/16". The use of section-type device plates will not be permitted. Plates installed in wet locations shall be gasketed. Plates used on exterior boxes shall be non-metallic type having round or beveled edges.

1.07 DEVICE LOCATIONS:

- A. OUTLET LOCATION: The approximate location of all outlets is indicated on the Drawings as diagrammatic only. The exact location of all outlets shall be determined by the Engineer and outlets may be moved before rough-in to a distance of 10 feet from the position indicated without extra charge by the Contractor. Unless otherwise shown or directed, the outlet boxes shall be located with center lines at elevations above the finished floor line or below ceiling lines as follows.
 - 1. General Lighting Switches - 48"
 - 2. Wall and Convenience Outlets - 18" from floor and 42" in shop areas
 - 3. Safety Switches (Max. to Handle) - 72"
 - 4. Panelboards (Max. to Top Breaker/Switch) - 72"

1.08 EQUIPMENT SUPPORTS:

- A. The Contractor shall furnish and install all necessary supports for properly mounting all electrical equipment and raceways. Such supports shall be fabricated and installed in a neat and workmanlike manner, and care shall be taken so that at no time shall any portion of the building structure be overloaded nor weakened in any manner. All structural steel furnished shall be standard shapes and sizes and shall be free from rust and/or scale and shall have one shop coat of lead and oil paint thereon when delivered to the job site. All interior steel shall be firmly and rigidly welded or bolted in place. The Contractor may use prefabricated structural systems manufactured by Kindorf Company, Unistrut

Products Company, or Powerstrut, Inc., for the support of raceways and/or equipment. The Contractor shall be fully responsible for the proper sizing and assembling of such systems, if used to adequately and rigidly support raceways and/or equipment mounted thereon. It shall be the responsibility of the Contractor to select bolts of adequate strength for the service required. Lock washers shall be installed under all nuts which bear on metal. Fastenings for securing conduit runs, boxes, light apparatus, etc., shall be bolts, beam clamps, or velocity driven studs on steel work; lag bolts with expansion shields, velocity driven studs, or inserts on concrete; toggle bolts on hollow tile or concrete block. Holes for lead expansion shields shall be drilled in solid brick or concrete and, where necessary, holes around same shall be neatly cemented after bolts are in place.

1.09 MOTOR CONNECTIONS:

- A. All motors shall be connected to the conduit system by means of a short section (18" minimum) of flexible conduit unless otherwise noted. For motor connections, the Contractor shall furnish and install the grounding conductor inside the flexible section. Terminate the ground conductor by means of a solderless lug and a bolt through a hole to be drilled in the side wall of the conduit. Risers from feeders on ceiling to individual motors on/or close to floor shall be firmly fastened at lower end and controls or protective apparatus shall be as shown on Plans. If not shown on Plans, conductor shall be as recommended by the manufacturer of the apparatus or as required by the NEC.

1.10 EQUIPMENT LABELING AND IDENTIFICATION

- A. Provide permanent engraved plastic nameplates, white letters on black field, permanently attached to equipment as follows:

1. Light Panels	Name of Panel
2. Power Panels/Circuits	Name of Panels/Each Branch Load
3. Disconnect Safety Switch	Name of Load Served
4. Special Purpose Outlets	Position Breaker in Panelboard
5. Lighting Contactors	Lighting Circuits Controlled
6. Underground enclosures	Logo-City of Hattiesburg Street Lighting
- B. Provide a complete typewritten directory under transparent plastic cover inside of each power panel and lighting contactor identifying circuits controlled.
- C. Provide cover plate with resetting instructions on each thermal trip switch.
- D. Leave all electrical equipment, including fixtures, free of dust, plaster, paint spots, etc.

1.11 INSPECTION AND TESTS:

- A. The complete job will be, during and/or after construction, subject to supervision of the Engineer. Inspections shall be conducted by the Engineer or his designated representative as necessary to maintain compliance with the contract requirements.

- B. Prior to acceptance by the Owner/Engineer, the Contractor shall conduct and record insulation tests of all feeder and motor branch circuits. The insulation testing shall be accomplished utilizing a meg-ohm meter and complying with minimum requirements of the NEC. Verification of test results shall be witnessed by the Engineer or his designated representative.

SECTION 16200 - RACEWAYS**PART 1 - GENERAL****1.01 DESCRIPTION:**

- A. Raceways indicated on Drawings and specified herein shall be complete in all respects including all necessary and incidental fittings, hangers and appurtenances required for a complete installation.
- B. Minimum size of raceways shall be 1/2".

PART 2 - PRODUCTS**2.01 RIGID CONDUIT:**

- A. Hot-dipped galvanized rigid steel conduit (GRC) in all sizes may be used throughout project without regard to location or application. Any portion of a raceway using galvanized rigid conduit shall not be joined with IMC, EMT, or PVC. Refer to Article 346 NEC for further restrictions.
- B. Conduit shall be galvanized for interior use and where embedded in concrete or earth conduit shall be coated with applications of two coats of asphaltum.

2.02 INTERMEDIATE METALLIC CONDUIT:

- A. Intermediate metallic conduit (IMC) in all sizes may be used throughout project without regard to location or application, except that IMC shall not be used below grade, and shall not be cast in concrete. Refer to Article 345 NEC for further restrictions.
- B. Electrical metallic tubing (EMT) may be used in all indoor applications in dry locations and shall not be embedded in concrete, earth or run exposed in wet locations.

2.03 FLEXIBLE METALLIC CONDUIT:

- A. In damp or wet locations, flexible metallic conduit shall be of the "sealtite" type and shall be UL approved installed with proper connectors to fit the condition encountered.
- B. In dry locations, flexible galvanized conduit (greenfield) shall be installed. Do not use "BX" in any location.
- C. Flexible conduit lengths shall not exceed 60 inches for equipment and/or lighting fixture connections unless otherwise specified.

2.03 RIGID NONMETALLIC CONDUIT (PVC)

- A. PVC type conduit may be used for underground applications as indicated on the drawings. Exposed PVC conduit shall be schedule 80 type.
- B. PVC conduit may not be used for building interior wiring.
- C. Where directional boring is required, conduits shall be polyethylene (HDPE) type.

PART 3 - EXECUTION

3.01 LAYOUT:

- A. Plans are diagrammatic and judgement shall be exercised to install electrical work in a practical manner to function properly and to fit building construction and finish. Items not shown or specified which are required to produce a complete, operative and finished system shall be provided.
- B. Cooperate with others in laying out work so that this phase of the work will properly fit the building and other Contractors requirements. Exact location of various outlets shall be determined from dimensions on general construction drawings or as may be determined on the job. Do not scale drawings for exact location of any outlet. Locations and characteristics of equipment furnished under other sections of the contract shall be determined from other Contractor's shop drawings or layouts prior to locating outlets.
- C. The right is reserved to change the location of any fixture improperly installed to fit equipment or finish, as well as to change the exact location of any fixture before initial installation.
- D. Raceways exposed to view will be run perpendicular or paralleled to the planes of the building structure. Where concealed in or below grade construction, raceways will take the most direct route between exit points. Where concealed above finished ceilings and in attic voids conduits may take the most direct route between points of connection. Raceways exposed on the building exterior of structure shall be painted to match the exterior color.

3.02 INSTALLATION:

- A. Where several conduits are run together, they shall be neatly paralleled with concentric and true radii. All bends shall be true and even without kinks or flats. Seal the exposed ends of conduits during construction to prevent the entry of foreign materials. Clean and dry all conduits before installing conductors.
- B. All empty conduits shall have a nylon pull cord (not nylon jet line) installed. This pull cord shall be free from knots and splices from box to box. Provide labeled tags on the pull cord to identify the location of each end.
- C. Raceway systems shall be concealed in new construction wherever practical, and in all instances in above ceiling.
- D. Conduits shall terminate with bushings of solid insulating plastic material utilizing two lock nuts where lock nuts are permitted. Where lock nuts are not permitted, conduit shall terminate with threaded hub connections equal to "Scru-tite". If it is not possible to install two lock nuts, then OZ Type B or equal insulated bushings shall be utilized with one lock nut.
- E. EMT crimp type connectors shall be installed with two opposing operations of the crimping tool to assure electrical continuity.
- F. Where conduits are stubbed up from the floor or slab and are not mechanically bonded to the terminal enclosure, then OZ type BL or equal insulated grounded bushings shall be utilized and grounded as specified hereinafter. Threads on steel conduit shall be protected with approved corrosion resistant conductive compound.
- G. At all connections to equipment, unions, or flanges shall be utilized to facilitate maintenance, repair, or replacement. Flexible connection shall be utilized as specified hereinafter.
- H. Where raceway systems join equipment of dissimilar metals, they shall be made with fittings specially approved for the application.
- I. Conduits installed below grade shall be buried a minimum of 24" to top below grade.

3.03 FLEXIBLE CONDUIT INSTALLATION:

- A. Flexible conduit shall be used for all equipment connections where the equipment is on a sliding or adjustable base or where mounted of vibration isolators.

- B. When flexible connections are utilized separate grounding conductors shall be installed within the raceway or a separate bonding conductor shall be external in accordance with Article 250 NEC - Grounding.
- C. Use not to exceed five (5) feet of flexible metal conduit for connections to motors and/or recessed light fixtures unless otherwise specified herein.
- D. Flexible connections subject to moisture under normal conditions or where specifically indicated or noted shall be liquid tight with proper liquid tight fittings.

SECTION 16250 - GROUNDING**PART 1 - GENERAL****1.1 GENERAL.**

Ground all equipment, systems, structures, etc., per the latest edition of the National Electrical Code (NEC).

PART 2 - PRODUCTS

- 2.1 Use mechanical bolted connections in dry locations that are accessible.
- 2.2 Use exothermic welds in wet locations and locations that will be inaccessible at the end of construction.
- 2.3 Ground rods shall be UL listed 5/8" x 10' copper-clad steel extendable type ground rods with a minimum copper cladding thickness of 10 mils.

PART 3 - EXECUTION

- 3.1 Ground rods shall be installed with their tops no less than 6" below grade.
- 3.2 Bond ground connections to metal raceways at each end of the conduit run. Provide grounding bushings where required by the NEC. Where cable trays are used, bond the ground conductor to each section and fitting of the tray.
- 3.3 Provide all circuits with an equipment grounding conductor sized per the NEC, or as shown on the drawings. Circuitry shown on drawings does not include the required equipment grounding conductor. Where multiple circuits are run with a common neutral, only one equipment grounding conductor is needed. The equipment grounding conductor shall be furnished with green insulation for conductors #8 AWG and smaller; where larger than #8, the equipment grounding conductor shall be taped green for its entire exposed length.
- 3.4 The grounding electrode conductor(s) shall be bare or shall be colored green for its entire exposed length.
- 3.5 Individual ground conductors shall be installed in PVC conduit sized per the NEC.
- 3.6 Provide receptacles, luminaires, and other devices with a green conductor that bonds the receptacle grounding screw or pigtail, the outlet box grounding screw, and the equipment grounding conductor together.
- 3.7 Telephone, cable television, and other auxiliary systems shall be bonded to the electrical building service ground using a conductor no smaller than #6 AWG.

END OF SECTION

SECTION 16300 - CONDUCTORS**PART 1 - GENERAL****1.01 DESCRIPTION:**

Electrical conductors, cables and related items required to complete the work shall be provided as indicated on the Drawings and as described in the Specifications.

1.02 SUBMITTALS:

A. Submit all required data in accordance with the Submittals.

B. Submittals shall include, but not be limited to, the following:

1. Conductor types and insulation.
2. Manufacturer.
3. Spec-Data Sheets.

C. All branch circuit wiring shall be color coded by insulation covering as follows:

Service Voltage – 480/277-Volts, 3-wire, 1-phase (Verify)
Phase A - Black
Phase B - Red
Three-way and four-way travelers - Yellow
Neutral - White
Equipment Ground - Green

PART 2 - PRODUCTS**2.01 INSULATED CONDUCTORS (600 Volts):**

- A. Sizes shall be not less than indicated. Branch circuit conductors shall be not smaller than No. 12 AWG. Conductors for branch circuits of 120 volts more than 100' long from panel to load center, shall be No. 10 AWG. Class 1 remote-control and signal-circuit conductors shall be not less than No. 14 AWG Class 2 low-energy remote-control and signal circuit conductors shall be not less than No. 16 AWG. All conductors to be stranded annealed copper rated 600 volts.
- B. Insulation shall be type THW, THWN, THHN, or XHHN. Do not mix insulation types in the same raceway or on the same circuit. Insulation shall be of a solid color for color coding as specified hereinafter on conductors # 10 and smaller. On #8 and larger, all conductor insulations shall be solid black, color identified with color banding at each outlet, junction and pull box.
- C. Exterior underground services to building panels and exterior lighting standards will be 600-volt THWN copper in conduit and designed for direct burial applications.

2.02 CONNECTIONS (600 Volts):

- A. Pigtail splices will be permitted only on conductors #10 AWG and smaller and shall be made with a crimp cap, equal to Buchanan, applied with a crimping tool or "Scotlok" connectors or equal.
- B. Straight splices #8 and larger shall be made with pressure tool applied compression type splices.
- C. Lugs shall be crimp-type equal to "Burndy". A hydraulic crimping tool will be used for crimp connections and all sizes #4 AWG and larger.
- D. Split bolt connectors will not be permitted.
- E. All splices and taps shall be insulated with at least three layers of half-lapped Scotch #88 electrical tape or equal.
- F. Speaker cable connections shall be made with silicone-filled type connectors where connections are necessary to prevent moisture contamination.

PART 3 - EXECUTION

3.01 INSTALLATION:

- A. Only approved commercially available wire pulling compounds shall be utilized for lubricants when installing conductors in raceways. Such lubricants are a requirement of these specifications when installing conductors sized #2 and larger.
- B. Wire shall be pulled into raceways from pay-out reels or reels on which the wire was shipped. Wire furnished in coils in boxes shall be removed from the boxes and placed on reels. Wire shall not be fed from the interior of the coil through the holes cut in the side of the boxes.

END OF SECTION

SECTION 16400 - POWER DISTRIBUTION EQUIPMENT**Part I - GENERAL****1.01 PANELBOARDS:**

LIGHT AND POWER PANELBOARDS: Panelboards are scheduled on the drawings. Panelboards shall be circuit breaker type for 480/277, 1-Phase, 3-Wire service as verified with local utility supplier and complete with main breaker (Contractor must verify exact service voltage with local utility provider). Panelboards shall be dead front construction complete with bolt-on branch breakers, pressure terminals, copper busses of ratings scheduled, neutral bar, ground bus, code gauge steel enclosure with door and keyed lock. Panelboards shall be mounted on a galvanized steel rack with meter socket and controls as per detail drawings and schedule. Provide a typewritten schedule inside door. Panelboard shall have minimum interrupting rating of 22,000 amperes RMS symmetrical. Panelboards mounted on exterior racks or enclosures shall be enclosed in a NEMA 3-R weatherproof type enclosure with locking doors.

1.02 METER SOCKET

Meter socket shall be a self-contained type as approved by the local utility provider and mounted on a galvanized steel rack by above panel and as per detail drawing. Meter socket shall be equal to Milbank and rated for approved service voltage.

1.03 SAFETY SWITCHES:

A. Safety switches shall be furnished and installed in accordance with the following requirements:

1. Type HD as defined by NEMA and shall be of voltage rating as required.
2. Horsepower rated in accordance with "fusetrone" fuses on motor circuits.
3. Enclosures: NEMA-3R outdoors, NEMA-1 indoors.
4. Safety Switches shall be Square D, ITE, General Electric or of the same manufacturer as major power distribution components.
5. Safety Disconnect switches shall be equipped with external locking devices
6. All fused switches shall be fused with Bussman Fusetrone dual element type fuses as appropriate to the circuit voltage with size fuse appropriate for motor load.

1.04 LIGHTING CONTACTORS:

- A. Lighting Contactors shall be rated for 600-V, 3-Wire, 1-Phase application, 30-Amp, multiple pole and equal to Square-D Type S.
- B. Lighting Contactors shall be electromagnetically operated, mechanically latched three wire control contactors complete with auxiliary contacts.
- C. Lighting Contactors shall be mounted in a NEMA-3R enclosure.
- D. Lighting Contactors shall be approved for use to control high intensity discharge type lighting systems.
- E. Lighting Contactors shall be controlled by photo-electric cells.

Part 2 - PRODUCTS

2.01 STARTER, CONTROLS, AND DISCONNECTS:

- A. All disconnect switches shall be standard type HP rated, sized to the load and fused so as to provide running overcurrent protection. All fuses shall be dual-element fusetron or equal. Use NEMA type 3R switches for all outside installations.
- B. Supply all motor controls and starters unless furnished with the equipment. Furnish additional interlocks for the starters as required to proper connect the starter as called for in the control wiring diagrams.
- C. Push buttons, limit switches, and other control devices generally will be furnished by installing trade unless specifically called for in this section of the specifications.
- D. Starters for three phase motors shall be furnished with three overload devices, one for each ungrounded leg.

Part 3 - EXECUTION

- A. Motors shall be furnished by the trade supplying the motor driven equipment. Review the requirements of other sections of these specifications to determine electrical requirements to be provided under this section. Generally, motors will be installed by supplying trade and the necessary electrical power supply connections will be a part of the requirements of this Division.

- B. Furnish and install all power wiring required for the entire project as a part of this Division. Control wiring is herein defined to embrace temperature control, interlock sequencing, and initiating controls, and other controls as may be required. Refer to other sections of these specifications and the drawings to determine the extent of such other wiring as may be required.

END OF SECTION

SECTION 16500 - EXTERIOR LIGHTING SYSTEM**Part 1 - GENERAL**

- 1.0 Contractor shall provide and install lighting standards complete with 230-260-W LED fixtures mounted on 6' arms with 2' upsweep and direct embedded aluminum poles for 35'+ mounting heights. Contractor shall also provide multiple power sources complete with meter sockets, power panel boards complete with breakers, underground services from local utility providers, and underground feeders to new lighting standards and mounted on a PVC or galvanized steel and break away rack in accordance with the schedule on the Drawings.
- 2.0 For purposes of identification, specific manufacturers and catalog numbers have been specified. After installation, the Owner will contract with Mississippi Power Company or City of Hattiesburg for maintenance of the new street lighting system. Therefore, fixtures and poles of other manufacturers of equal quality, general dimension, photometric characteristics, and appearance will require prior approval and must be listed or approved on Mississippi Power Company's Materials Standards List. Approval for equal lighting standards will require all equipment submittals complete with computerized photometric drawings indicating maintained lighting levels and all performance ratios for the complete project area within 10 days prior to the bid and upon prior written approval by the Engineer and Owner. Comply with Paragraph 16000-1.06 before bidding.
- 4.0 Procure fixtures completely factory wired for proper operation in the application shown on the drawings shall be furnished with proper fittings and accessories for installation in the area encountered.

1.02 EXTERIOR LUMINAIRES:

- A. Exterior street light fixtures shall be a unique IP66 rated LED light engine provided 0% uplight and restricted backlight to within sidewalk depth, and providing optimal application coverage and optimal pole spacing.
 1. The street light fixture shall be rated for 230-260-watt LED type light, 1,300-ma drive current, standard 4000K color temperature (CCT), minimum of 70 CRI, and complete with integral photo-cell control, and multi-voltage driver for operation for multi-volt operation and IES Type II light distribution.
 2. The fixture shall be equipped with both luminance and illuminance for 0% uplight, low glare, semi-cutoff and excellent NEMA photo control receptacle and twist-lock type photocell.
 3. The fixture shall be made with rugged die-cast aluminum housing with the body painted with black finish in color or as approved by the owner using five-stage pre-treated and painting process to comply with ASTM B117 process with a 5 year warranty.
 4. Light fixture shall be designed for mounting on a 2" diameter 6' length and 2' upsweep aluminum arm which in turn is mounted to the side of an aluminum pole and provide a 3G vibration rating per ANSI C136.
 5. The Street Light Fixture shall be rated for -40 degree C to +40 degree C ambient and shall be provided with an unconditional 5-year warranty.

6. Exterior Light Fixtures shall be equal as approve to American Electric Lighting Autobahn Series ATB2 Roadway Lighting as approved on MPC Materials Standards.

1.03 EXTERIOR FIXTURE POLES AND ARMS:

- B. Pole shall be sized for 35' mounting height and shall be made of tapered aluminum, 0.156" wall alloy 6063-T6 tapered aluminum tube.
 1. The poles shall be design to withstand a wind speed of 100-MPH with a gust factor of 1.3 with required fixtures Effective Projective Areas for twin light fixtures and 6' bracketed arm with 2' upsweep.
 2. The pole shall be equipped with a reinforced 4" X 6" handhole with cover and stainless steel screws. The pole base shall be equipped with grounding lug provided inside base opposite hand hole.
 3. Poles shall be direct burial type and equipped with 9" X 156" aluminum tube shaft with flattened at bottom and 2-1/2" X 8" slotted wireway hole at 24" below ground level.
 4. The pole shall be painted with a power coat paint system, black in color or other specific color as designated by the owner using an electrostatically applied semi-gloss, super durable polyester powder coat painting system with a 5 year warranty.
 5. The aluminum pole shall be equal to Hapco RTA Aluminum Embedded Pole (RTA-35-C-9-A-E-BM) or as approved on MPC Materials Standards List or prior approve equal.

1.04 BRACKET ARMS

Double Elliptical bracket arms shall be made of aluminum and 6' in length with 24" upsweep, slipfitter for 3" tennon mounted with stainless steel mounting screws or mounted to pre-molded side of the aluminum pole as per the pole manufacturer's requirements..

1.05 PHOTO CELL CONTROLS

Photo cell controls shall be locking-type with built-in time delay to prevent false cycling caused by lightning flashes or stray vehicle headlights. Photo cells shall be equipped with

FAIL-ON feature which allows the contacts to default to the closed position upon photo cell failure. The locking type photo-cell shall be mounted to a locking type receptacle complete with mounting bracket and threaded nipple. Photo Control Cells shall be equal to Precision or Fisher Pierce.

1.10 INSTALLATION:

- A. Comply with manufacturer's recommendations for mounting of direct burial cast aluminum poles, 6' arms, and LED style fixtures to the respective poles.
- B. Cast aluminum poles shall be direct buried in select backfill of wet sand or #610 limestone and 18" diameter hole as per details on the drawings.

1.11 LIGHTING FIXTURE PERFORMANCE CRITERIA

- A. Lighting fixture performance criteria for 230-260 Watt LED light source type street light fixture mounted at 35'+ AFG with standard located 2' off the street curb in the grass area between the street curb and sidewalk and adjacent staggered pole spacing of 140-150' (maximum) with IES Type II light distribution shall have the following luminance grid minimum values:

Average Maintained Illuminance levels of 2.0+ FC (3.58 FC Max and 0.9 FC Min)

Avg/Min Illuminance Ratio = 2.6:1

Max/Min Illuminance Ratio = 3.8:1

Located 2' behind street curb

Mounting Height of 35' +2' Upsweep Arm AFG

Total Light Loss factor = 0.9

Street Classification is a Business Parkway

END OF SECTION

SECTION 16600 - ELECTRICAL SERVICE**1.01 GENERAL:**

- A. Electrical contractor shall coordinate extension of underground 480/277-Volt, 3-Wire, 1-Phase electrical service, protective equipment, and metering requirements for the Customer owned lighting standards with Mississippi Power Company. Contractor must verify exact service voltage with MPC.
- B. The electrical contractor will be required to include in the corresponding quote for construction the costs for any contribution to aid new construction and extension of existing wiring and underground service as required by Mississippi Power Company.

1.02 VOLTAGE:

- A. The exterior lighting service voltages shall be 480/277-Volt, 1-Phase, 3-Wire, and 60 Hertz as available with the existing services or as to be determined by MPC (Verify).

1.03 ELECTRIC METER AND METER SOCKET:

Electric metering will be provided by MPC as required. Contractor shall provide and install the required self-contained 600-Volt rated meter socket equal to Milbank or as approved by MPC.

1.04 GROUNDING:

- A. Ground the electrical service in accordance with Article 250 of the National Electrical Code.
- B. Ground the lighting fixtures, pole foundations, lighting standards and new panels as per detail drawings.

1.05 COORDINATION WITH OWNER/ENGINEER:

- A. Contractor shall provide to Owner and Engineer a calendar schedule of work to be performed. This schedule shall be developed after investigation of scheduling and needs, equipment delivery dates and work to be performed by other trades.

END OF SECTION

SECTION 16800 - MECHANICAL SYSTEM WIRING**1.01 GENERAL**

- A. Unless otherwise mentioned herein, the Electrical Contractor shall be responsible for all power wiring of mechanical system. This Contractor is cautioned to familiarize himself with the Mechanical Specification regarding the Electrical Work. Motors shall be installed and mechanically connected by the Mechanical Contractor and electrically connected by the Electrical Contractor. Mechanical Contractor shall be responsible for furnishing to this Contractor all necessary name plate data, equipment power requirements, wiring diagrams, etc., pertaining to the electrical phases of the mechanical installation. Where fuses only are permitted, furnish fusible disconnect with fuse size required by manufacturer of equipment. Obtain written approval of Division 15 contractor of overcurrent size before energizing equipment.

1.02 CONTROL WIRING:

- A. Control wiring is specified to be furnished under DIVISION 15 MECHANICAL WORK: Motor Starter and Motor Contactors, related to Mechanical Work, to be mounted in the equipment cabinet or individually shall be supplied to the electrical Contractor. All wiring internal of motor control centers, motor starter panelboards, etc., shall be the responsibility of the Electrical Contractor. All starters and contactors furnished this Contractor shall be installed by him. Provide 125 volt service to all mechanical system control panels for operation of control devices.

END OF SECTION

SECTION 16900 - EXCAVATION, TRENCHING, AND BACKFILLING**PART 1 - GENERAL****1.01 SCOPE**

This Section covers the excavation, trenching, and backfilling for utilities and appurtenances.

1.02 RELATED WORK SPECIFIED ELSEWHERE**1.03 APPLICABLE PUBLICATIONS**

Where reference is made to other publications, they are referred to by basic designation only and form a part of this specification to the extent indicated by reference thereto. All referenced publications shall be the latest issue, including amendments as of the date of this specification.

PART 2 - PRODUCTS (NOT APPLICABLE)**PART 3 - EXECUTION****3.01 EXCAVATION**

All excavation of every description and of whatever substances encountered shall be performed to the depths indicated or as otherwise specified. During excavation, material suitable for backfilling shall be piled in an orderly manner a sufficient distance from the banks of the trench to avoid overloading and to prevent slides or cave-ins. All excavated materials not required or suitable for backfill shall be removed and disposed of off site at CONTRACTOR's expense. Grading shall be done as necessary to prevent surface water from flowing into trenches or other excavations, and any water accumulating therein shall be removed by pumping or by other approved methods. Sheet piling and shoring shall be done as necessary for the protection of the work and for the safety of personnel. Excavation shall comprise all materials encountered, including rock and filled-in material of whatever nature is involved.

- A. The utilities shall be laid and maintained to lines and grades established by the plans and specifications with fittings and valves at the required locations unless otherwise approved by the OWNER.
- B. Prior to excavation, investigation shall be made to the extent necessary to determine the location of existing underground structures and conflicts. Care

should be exercised by the CONTRACTOR during excavation to avoid damage to existing structures.

- C. When obstructions that are not shown on the plans are encountered during the progress of work and interfere so that an alteration of the plans is required, the Engineer will alter the plans or order deviation in line and grade or arrange for removal, relocation, or reconstruction of the obstructions.
- D. When crossing existing pipelines or other structures, alignment and grade shall be adjusted as necessary, with the approval of the Engineer, to provide clearance as required by federal, state, or local regulations or as deemed necessary by the Engineer to prevent future damage or contamination of either structure.

3.02 TRENCHING - GENERAL

The trench shall be excavated to the required alignment, depth, and width and in conformance with all federal, state, and local regulations for the protection of the workmen.

- A. Trench preparation shall proceed in advance of pipe installation for only as far as stated in the specifications.
- B. Discharge from any trench dewatering pumps shall be conducted to natural drainage channels, storm sewers, or an approved reservoir.
- C. Excavated material shall be placed in a manner that will not obstruct sidewalks, driveways, or other structures and shall be done in compliance with federal, state, or local regulations.
- D. Removal of pavement and road surfaces shall be a part of the trench excavation and the amount removed shall depend upon the width of trench required for the installation of structures. The dimensions of pavement removed shall not exceed the dimensions of the opening required for installation of pipe and other structures by more than 6 inches in any direction unless required or approved by the OWNER. Methods, such as sawing, drilling, or chipping, shall be used to ensure the breakage of pavement along straight lines.
- E. The width of the trench at the top of the pipe shall be that of the single-pass capabilities of normally available excavating equipment and ample to permit the pipe to be laid and joined properly and allow the backfill to be placed as specified. Trench widths at the top of the trench shall be not greater than the normal diameter of the pipe plus 24 inches. Trenches shall be of such extra width, when

required, to permit the placement of timber supports, sheeting, bracing, and appurtenances.

- F. Holes for the bells shall be provided at each joint but shall be no larger than necessary for joint assembly and assurance that the pipe barrel will lie flat on the trench bottom. Other than noted previously, the trench bottom shall be true and even in order to provide support for the full length of the pipe barrel, except that a slight depression may be provided to allow withdrawal of pipe slings or other lifting tackle.
- G. When excavation of rock is encountered, all rock shall be removed to provide a clearance of at least 9 inches below and on each side of all pipe, valves, and fittings. When excavation is completed, a bed of sand, crushed stone, or earth that is free from stones, large clods, or frozen earth, shall be placed on the bottom of the trench to the previously mentioned depths, leveled, and tamped. These clearances and bedding procedures shall also be observed for pieces of concrete or masonry and other debris or subterranean structures, such as masonry walls, piers, or foundations that may be encountered during excavation. This installation procedure shall be followed when gravel formations containing loose boulders greater than 8 inches in diameter are encountered. In all cases, the specified clearances shall be maintained between the bottom of all pipe and appurtenances and any part, projection, or point of rock, boulder, or stones of sufficient size and placement which, in the opinion of the ARCHITECT, could cause a fulcrum point.
- H. Should the trench pass over a sewer or other previous excavation, the trench bottom shall be sufficiently compacted to provide support equal to that of the native soil or conform to other regulatory requirements in a manner that will prevent damage to the existing installation.
- I. Trees, shrubs, fences, and all other property and surface structures shall be protected during construction unless their removal is shown in the plans and specifications or approved by the OWNER. Any cutting of tree roots or branches shall be done only as approved by the OWNER.
- J. Temporary support, adequate protection, and maintenance of all underground and surface structures, drains, sewers, and other obstructions encountered in the progress of the work shall be furnished by the CONTRACTOR. All properties that have been disturbed shall be restored as nearly as practical to their original condition.
- K. When the subgrade is found to be unstable or to include ashes, cinders, refuse, organic material, or other unsuitable material, such material shall be removed, to a

minimum of at least 12 inches, or to the depth ordered by the Engineer and replaced under the directions of the ARCHITECT with clean, stable backfill material. The bedding shall be consolidated and leveled in order that the pipe may be installed in accordance with Section 3.02F.

- L. When the bottom of the trench or the subgrade is found to consist of material that is unstable to such a degree that, in the judgment of the Engineer it cannot be removed, a foundation for the pipe and/or appurtenance shall be constructed using piling, timber, concrete, or other materials at the direction of the Engineer. Appropriate traffic control devices shall be provided in accordance with federal, state, or local regulations to regulate, warn, and guide traffic at the work site.

3.03 BACKFILLING - GENERAL

The trenches shall not be backfilled until the as installed conform to the requirements specified. Where, in the opinion of the Engineer damage is likely to result from withdrawing sheeting, the sheeting shall be left in place. Except as otherwise specified for special conditions of over-depths, trenches shall be backfilled to the ground surface with material that is suitable for the compaction specified hereinafter. Trenches improperly backfilled shall be reopened to the depth required for proper compaction, then refilled and compacted as specified, or the condition shall be otherwise corrected as approved. The surface shall be restored to its original condition as near as practicable as hereinafter specified. Pavement, base course, and compacted subgrade disturbed by trenching operations shall be replaced in an acceptable manner with materials equal to the adjacent compacted subgrade, base course, and pavement for a minimum distance of 12 inches on each side of the trench.

- A. In the lower portion of the trench backfill material shall be deposited in 6-inch maximum thickness layers and compacted with suitable tampers to the density of the adjacent soil or graded as hereinafter specified until there is a cover of not less than one foot over the pipe for Class A and Class B bedding and six inches over the pipe for Class C bedding. The backfill material in this portion of the trench shall consist of a selected material at a moisture content that will facilitate compaction, free from stones larger than 3 inches in any dimension and hard clods and frozen conglomerates larger than 6 inches in any dimension, except that where the pipe is coated or wrapped for protection against corrosion the backfill material shall be free from stones larger than 1 inch in any dimension. If any portion of the cover in the lower portion of the trench is in the depth of special compaction and materials requirements under pavement, the special requirements shall control. Special care shall be taken not to damage the coating or wrapping of pipes.
- B. Except for special materials for pavements, turfed or seeded areas, and sidewalks

the remainder of the trench shall be backfilled with material that is free of stones larger than 6 inches or $\frac{1}{2}$ the layered thickness, whichever is smaller, in any dimension. Backfill material shall be deposited in layers not exceeding twelve inches, and each layer shall be compacted to the minimum density specified as applicable to the particular area. Degree of compaction shall be 90 percent for Class C bedding.

- C. Under paved areas or other areas indicated by the plans Class B bedding shall be required. Backfill trenches from 12 inches above the pipe to pavement base course in six-inch layers to 95 percent of maximum density as determined by AASHTO T180.
- D. Under turfed or seeded areas and sidewalks Class C bedding shall be required. Backfill trenches from 6 inches above the pipe to finished grade in twelve-inch layers to 95 percent of maximum density as determined by AASHTO T180.

END OF SECTION

CONTRACT DOCUMENTS AND SPECIFICATIONS
FOR
HIGHWAY 11 MEDICAL PARK ACCESS ROADWAY
MISSISSIPPI DEVELOPMENT INFRASTRUCTURE GRANT (DIP-363)
CITY OF HATTIESBURG, MISSISSIPPI
SN: 104-16

April 2017



By:



2203 Hardy Street
Hattiesburg, Mississippi 39401
601.583.2127



ADDENDUM #1

June 5, 2017

SN: 104-16

Project: Highway 11 Medical Park Access Roadway
Mississippi Development Infrastructure Grant (DIP-363)
City of Hattiesburg, Mississippi

Engineer: Dustin B. Gatlin, P.E.
The Walker Associates
Engineers-Planners-Designers, PLLC
2203 Hardy Street / P.O. Box 16496
Hattiesburg, Mississippi 39404

Please note the following clarifications and changes to the Proposal, Contract Documents and Drawings dated April 2017.

1. Reference the Advertisement for Bids in the Contract Documents.

The Advertisement for Bids included in the Contract Document booklet incorrectly states that the bids will be received at 10:00 a.m., Thursday, June 8, 2017. The correct date for receiving of bids will be 10:00 a.m., Friday, June 9, 2017 at the same location as specified in the Advertisement for Bids.

2. Reference the Unit Price Schedule in the Contract Documents.

Please replace the Unit Price Schedule included in the Contract Documents with the enclosed Unit Price Schedule. Note the addition/revision to the following pay items.

Added Pay Items

S-211C Topsoil (Contractor Furnished) (FM)
Topsoil is to be utilized as shown on sheets 2-B and 2-C of the project plans.

S-815-A Loose Riprap, 200 lb.

Loose riprap is to be installed at the outlet of the 48" flared end section (FES-1) in the detention pond shown on sheet 4 of the project plans. Geotextile under riprap per specification section S-815 is to be included and absorbed into the unit price of the riprap.

Revised Pay Items

S-304-D Crushed Stone (Size 610)

The increased quantity of crushed stone is to be utilized for backfill of the proposed 24" rcp cross drains and the existing 24" cpvc cross drain as shown on sheets 3 and 4 of the project plans.

S-203-A Unclassified Excavation (FM)

Removal of the existing soil above and around the existing 24" cpvc is to be included in the S-203-A Unclassified Excavation (FM) pay item. All soil removed from the trench is to be spoiled on-site in locations deemed suitable by the Engineer.

3. Reference Sheet 2-B of the Project Plans.

Entire length of roadway to include scarifying and drying of existing subgrade as necessary prior to the placement of the pavement structure. Scarifying and drying as necessary to be absorbed into provided pay items.

4. Reference Sheet 322 of the Project Plans.

Note that all storm water inlets (Type SS-2) are to be cast in place concrete. Quantity for these structures is included in Pay Item *S-601-B, Class "B" Structural Concrete, Minor Structures*.

5. Reference Section 16400 Power Distribution Equipment of the Contract Documents.

In specification section 16400 Power Distribution Equipment it incorrectly states that the Panelboards be 480/277 volts' single phase. Service voltage for the project will be 120/208-Volt, 1-Phase as reflected in the "Detail of Lighting Standards Power Sources" detail found on sheet EL2.1 of the project plans.

6. Reference Sheet EL2.0 of the Project Plans and Section 16100 Basic Materials and Methods of the Contract Documents.

In specification section 16100 Basic Materials and Methods in the Contract Documents and Sheet EL2.0 of the Project Plans, it incorrectly states that the junction boxes are to be Tier 8. All electrical junction boxes are to be Tier 15.

Page 3
Addendum No. 1

Please acknowledge receipt of this addendum in the Proposal section of the Contract Documents and by signing below and faxing a copy to The Walker Associates, PLLC (601) 582-1300

Bidder: *Kate J. Jones, LLC*

By: *Estimator/Project Manager*

Date: *June 6, 2017*

The Walker Associates
Engineers-Planners-Designers, PLLC

City of Hattiesburg

Dustin Gatlin
Dustin Gatlin, P.E.



Kernas Eaton
Kernas Eaton, City Clerk

Client#: 2286

WARRE

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

8/14/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Regions Insurance Inc -Jackson 1020 Highland Colony Parkway Suite 302 Ridgeland, MS 39157	CONTACT NAME: Darlene Manley PHONE (A/C, No, Ext): 601 790-8514 FAX (A/C, No): 601-326-4765 E-MAIL ADDRESS: darlene.manley@regions.com														
INSURED Warren Paving Inc. P.O. Box 572 Hattiesburg, MS 39403	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : Phoenix Insurance Company</td> <td>25623</td> </tr> <tr> <td>INSURER B : American Guarantee & Liability</td> <td>26247</td> </tr> <tr> <td>INSURER C : Zurich American Insurance Compa</td> <td>16535</td> </tr> <tr> <td>INSURER D : Great American Insurance Co.</td> <td>16691</td> </tr> <tr> <td>INSURER E : Travelers Indemnity Co. of Conn</td> <td>25682</td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Phoenix Insurance Company	25623	INSURER B : American Guarantee & Liability	26247	INSURER C : Zurich American Insurance Compa	16535	INSURER D : Great American Insurance Co.	16691	INSURER E : Travelers Indemnity Co. of Conn	25682	INSURER F :	
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INSURER F :															

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR ☒ PD Ded:2,500 GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☐ LOC OTHER:	X	X	CO1283C723	12/04/2016	12/04/2017	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
E	AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ ALL OWNED AUTOS ☒ HIRED AUTOS ☐ SCHEDULED AUTOS ☒ NON-OWNED AUTOS	X	X	8108168B574	12/04/2016	12/04/2017	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	UMBRELLA LIAB ☒ OCCUR ☒ EXCESS LIAB CLAIMS-MADE DED ☒ RETENTION \$0			AUC016407200	12/04/2016	12/04/2017	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		X	WC980945700	07/01/2017	07/01/2018	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
D	Excess Liability			TUE033022708	12/04/2016	12/04/2017	15,000,000 occ/agg

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Re: Highway 11 Medical Park Access Roadway, Mississippi Development Infrastructure Grant (DIP-363), City of Hattiesburg, Mississippi. The Owner (The City of Hattiesburg) and the Engineer (The Walker Associates, Engineers-Planners-Designers, PLLC) are included as additional insureds on all policies except the Workers Compensation, as required by written contract or agreement.

CERTIFICATE HOLDER

CANCELLATION

City of Hattiesburg 200 Forrest Street Hattiesburg, MS 39401	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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PART 1

BIDDING REQUIREMENTS

ADVERTISEMENT FOR BIDS

The City of Hattiesburg will receive sealed proposals at the City Clerk's office, located at 200 Forrest Street, Hattiesburg, Mississippi 39401 until **10:00am, Thursday, June 8, 2017**, for furnishing all labor, materials and equipment in connection with the Highway 11 Medical Park Access Roadway, as described in and reflected by the plans and specifications prepared by The Walker Associates, Engineers-Planners-Designers, PLLC Hattiesburg, Mississippi, dated April, 2017, immediately after which time said sealed proposals shall be publicly opened and read.

A single contract shall be let for the complete project.

Detailed drawings and specifications are on file and may be examined at the office of the City Clerk located at 200 Forrest Street, Hattiesburg, Mississippi 39401; the office of The Walker Associates, Engineers-Planners-Designers, PLLC 2203 Hardy Street, Hattiesburg, Mississippi 39401, or viewed online at www.thewalkerassociates.com.

Bidders may obtain complete sets of drawings and specifications from The Walker Associates, Engineers-Planners-Designers, PLLC 2203 Hardy Street, Hattiesburg, Mississippi 39401 (Post Office Box 16496, Hattiesburg, MS 39404-6496), upon payment of \$75.00 per set, non-refundable. Only bidders who have received printed drawings and specifications from The Walker Associates, Engineers-Planners-Designers, PLLC will be considered bona fide bidders.

Proposals shall be submitted in duplicate only upon the blank bid forms provided with the drawings and general conditions and must be accompanied by bid security in the form of a certified check or acceptable bid bond in an amount equal to at least five percent (5%) of the base bid. Said security to be forfeited, as liquidated damages, not penalty, by a bidder who may be awarded the contract, but who fails to carry out the terms of the proposal, execute the contract and post the required performance and payment bonds in the form and amount, and within the time specified. The bid bond, or the certified check, if used in lieu thereof, shall be payable unconditionally to Forrest County General Hospital.

Bids on the project must be received on or before the time specified above, and no bid may be withdrawn after the scheduled closing time and date for the receipt of bids for a period of sixty (60) days. All bids submitted must comply with the requirements of Chapter 3, Title 31 (Sections 31-3-1, et. seq.) of the Mississippi Code of 1972, as amended, and the performance of any contract shall be bonded in accordance with Chapter 5, Title 31 of the Mississippi Code of 1972, as amended.

"Minority Business and Women's Business Utilization Requirements:

Positive efforts as required by the Community Development Block Grant (CDBG) Program and funding under the Development Infrastructure Program (DIP) shall be made by BIDDERS to utilize minority-owned and women-owned businesses as sources of construction, materials, supplies and services. Such efforts must allow these sources the maximum feasible opportunity to compete for sub-agreements and contracts. Documentation of efforts made to utilize minority and women-owned firms must be maintained by all BIDDERS."

Bidders who are non-residents of the State of Mississippi must also comply with the provisions of Section 31-3-21(3) of the Mississippi Code of 1972, as amended.

The City of Hattiesburg reserves the right to reject any and all bids and to waive informalities.

DATED this, the 2nd day of May, 2017.

BY: /s/
City Clerk
Hattiesburg, Mississippi

Dates of Publication:

May 8, 2017

May 15, 2017

INSTRUCTIONS TO BIDDERS

1. GENERAL DESCRIPTION OF THE PROJECT

A general description of the work to be done is contained in the Invitation to Bid. The scope is indicated on the accompanying Drawings and specified in applicable parts of these Contract Documents.

2. QUALIFICATION OF CONTRACTORS

The prospective Bidders must meet the statutorily prescribed requirements of the Owner before award of Contract.

3. DOCUMENT INTERPRETATION

The Contract Documents governing the work proposed herein consist of the Bidding Requirements, Contract Forms, Conditions of the Contract, Specifications, and Drawings.

All parts of the Contract Documents are intended to be compatible and to provide all details reasonably required for the execution of the proposed work. Any person contemplating the submission of a Bid shall thoroughly examine all parts of these Contract Documents and, should there be any doubt as to the meaning or intent of said Contract Documents, the Bidder should request an interpretation thereof from the Project Engineer at least 10 days prior to the bid opening. Any interpretation or change in said Contract shall be made only in the form of Addendum to the Contract Documents which will be furnished to all Planholders. The Owner will not be responsible for any other explanation or interpretations of said Contract Documents. Bidders shall submit with their Bids, or indicate in the space provided on the Bid Form, receipt of all Addenda. Failure to submit or acknowledge receipt of Addenda with the Bid may result in rejection of a Bid as non-responsive.

Pre-qualification of material and equipment and proposed substitutions will not be considered prior to Bid opening.

4. BIDDER'S UNDERSTANDING

Each bidder must inform himself of the conditions relating to the execution of the work, inspect the site, and make himself thoroughly familiar with all the Contract Documents. Failure to do so will not relieve the successful Bidder of his obligation to enter into a Contract and complete the contemplated work in strict accordance with the Contract Documents. It shall be the Bidder's obligation to verify for himself and to his complete satisfaction all information concerning site and subsurface conditions. The Owner will make available to prospective Bidders upon request and at the office of the Engineer, prior to bid opening, any information that he may have as to subsurface conditions and surface topography at the worksite.

Logs of test borings or topographic maps showing a record of the data obtained by the Engineer's investigations of surface and subsurface conditions have not been utilized in preparation of the Contract Documents. The Bidder may rely upon the accuracy of the technical data contained in such reports but not upon non-technical data interpretations, or opinions contained therein or for the completeness thereof for the purpose of bidding or construction.

Information derived from inspection of logs of test borings, or topographic maps, or from Drawings showing location of utilities and structures will not in any way relieve the Contractor from any risk, or from properly examining the site and making such additional investigations as he may elect, or from properly fulfilling all the terms of the Contract Documents.

Each Bidder shall inform himself of, and the Bidder awarded a Contract shall comply with, federal, state, and local laws, statutes, and ordinances relative to the execution of work.

5. TYPE OF BID

A. General

Types of bids for the work specified in these Contract Documents will be unit price, lump sum, or a combination of unit price and lump sum as set forth on the Bid Form.

B. Unit Price

When the Bid for the work is to be submitted on a unit price basis, unit prices shall be inserted in the appropriate places. The estimate of quantities of work to be done as tabulated on the Bid Form is approximate and is for the basis of calculation upon which the award of Contract may be made. Payment to the Contractor will be made on the measurement of the work actually performed by the Contractor. The Owner reserves the right to increase or diminish the amount of any class of work as may be deemed necessary.

C. Lump Sum

When the Bid for all or part of the work is to be submitted on a lump sum basis, a lump sum price shall be submitted in the appropriate place. The total amount to be paid the Contractor shall be the amount of the lump sum bid as adjusted for additions or deletions resulting from approved changes in the project.

D. Breakdown of Lump Sum Prices

Bidders shall provide a detailed breakdown of the lump sum prices if required in the Bid.

E. Special Bidding Requirements

Special bidding procedures or requirements, if applicable, are set forth in the Supplementary Conditions.

6. PREPARATION OF BIDS

All blank spaces in the Bid Form must be filled in, as required, preferably in BLACK ink. All price information will be shown in both words and figures where required. No changes will be made in the wording or numbers on the forms. Amounts stated in words shall govern in case of discrepancy between amounts stated in words and the amounts stated in figures.

Any Bid shall be deemed informal which contains material omissions, or irregularities, or which in any manner shall fail to conform to the conditions of the published Invitation to Bid.

Only one Bid from any individual, firm, partnership, or corporation, under the same or different names, will be considered. Should it appear to the Owner that any Bidder is interested in more than one Bid for work contemplated, all Bids in which such Bidder is interested will be rejected.

The Bidder shall sign his Bid in the blank space provided. If Bidder is a corporation, the legal name of the corporation shall be set forth in the Bid, together with the signature of the officer or officers authorized to sign Contracts on behalf of the corporation. If Bidder is a partnership, the true name of the firm shall be set forth in the Bid, together with the signature of the partner or partners authorized to sign Contracts in behalf of the partnership. If the signature is by an agent, other than an officer of a corporation or a member of a partnership, a notarized power-of-attorney must be on file with the Owner prior to opening of Bids or submitted with the Bid.

7. CHANGES IN QUANTITIES

The Owner reserves the right to increase or decrease the amount of any class of unit price work that may be deemed necessary, except that such increases or decreases in amounts shall not be more than 15 percent of the quantities shown on the Drawings and Specifications without a negotiated Change Order.

8. STATE AND LOCAL SALES AND USE TAXES

Unless the Supplementary Conditions contains a statement that the Owner is exempt from state sales tax on materials incorporated into the work due to the qualification of the work under this Contract, all state and local sales and use taxes required by the laws and statutes of the state and its political subdivisions, shall be paid by the Contractor. Prices quoted in the Bid shall include all nonexempt sales and use taxes, unless provision is made in the Bid Form to separately itemize the tax.

9. SUBMISSION OF BIDS

All Bids must be submitted not later than the time prescribed, at the place, and in the manner set forth in the Invitation to Bid. Bids must be made on the Bid Forms provided herein. Each Bid must be submitted in a sealed envelope, so marked as to indicate its contents without being opened, and addressed in conformance with the instructions in the Invitation to Bid. Contractor's Certificate of Responsibility Number from the State Board of Public Contractors must be clearly printed on the outside of the Bid envelope. No Bid will be considered unless the current certificate number appears on the envelope.

10. TELEGRAPHIC OR WRITTEN MODIFICATION OF BID

Telegraphic or written modifications of a Bidder's Bid will not be accepted or considered.

11. WITHDRAWAL OF BID

Any Bid may be withdrawn prior to the scheduled time for the opening of Bids either by telegraphic or written request, or in person.

12. BID SECURITY

Bids must be accompanied by cash, a certified check, or cashier's check drawn on a bank in good standing, or a bid bond issued by a Surety authorized to issue such bonds in the state where the work is located, in the amount of 5 percent of the total amount of the Bid submitted. This bid security shall be given as a guarantee the Bidder will not withdraw his Bid for a period of 90 days after Bid opening, and that if awarded the Contract, the successful Bidder will execute the attached Contract and furnish properly executed Performance and Payment Bonds, each in the full amount of the Contract price within the time specified.

The Attorney-in-Fact who executes this bond on behalf of the Surety must attach a notarized copy of his power-of-attorney as evidence of his authority to bind the Surety on the date of execution of the bond.

If the Bidder elects to furnish a bid bond, he shall use the Bid Bond form bound herewith, or one conforming substantially thereto in form and content.

13. BIDDER QUALIFICATION

Before a Contract will be awarded for the work contemplated herein, the Owner will conduct such investigation as is necessary to determine the performance record and ability of the apparent low Bidder to perform the size and type of work specified under this Contract. Upon request, the Bidder shall submit such additional information not specifically requested herein, as deemed necessary by the Owner to evaluate the Bidder's qualifications.

14. RETURN OF BID SECURITY

Within 15 days after the award of the Contract, the Owner will return the bid securities to all Bidders whose Bids are not to be further considered in awarding the Contract. Retained bid securities will be held until the Contract has been executed, after which all bid securities, other than Bidders' bonds and any guarantees which have been forfeited, will be returned.

15. BASIS OF AWARD

Within 90 calendar days after the opening of Bids, unless otherwise stated in the Invitation to Bid or Supplementary Conditions of these Documents, award of the Contract will be made to the lowest responsible and responsive Bidder complying with the Invitation to Bid. A written Notice of Award will be mailed or delivered to the office designated in the Bid. In the event of failure of the lowest responsible and responsive qualified Bidder to sign and return the Contract with acceptable Performance and Payment Bonds, as prescribed herein, the Owner may award the Contract to the next lowest and best Bidder.

In order to be considered responsive with the Invitation to Bid, a Bid must:

- A. Be completed, signed, and notarized and be compliance in all respects to the conditions of the Invitation to Bid and Instructions to Bidders.
- B. Be made on the Bid Forms provided and submitted intact as part of the Contract Documents.
- C. Be accompanied by the required bid security.
- D. Contain no alterations to the terms or conditions of these Contract Documents except as specifically directed in these Contract Documents.

In order to be considered responsible, a Bidder must establish to the complete satisfaction of the Owner, as a minimum, that he has:

- A. A permanent place of business.
- B. Adequate financial resources to meet his Contract obligations and will maintain same for the Contract period.
- C. Adequate equipment to perform the work properly and within the time prescribed in the Contract.
- D. The necessary experience and technical qualifications in the type of work provided for in the Contract.

The Owner reserves the right to reject all Bids, or any Bid not in compliance with the

Contract Documents, and to waive any informalities or irregularities in Bids received.

16. EXECUTION OF CONTRACT

The successful Bidder shall, within 10 days, not including Sundays and legal holidays, after receiving Notice of Award, sign and deliver to the Owner the Contract hereto attached together with the Performance and Payment Bonds and the Certificate of Insurance. Within 5 days, not included Sundays and legal holidays, after receiving the properly signed Contract with acceptable bonds and Certificate of Insurance for this project, the Owner's authorized agent will sign the Contract. Signature by both parties constitutes execution of the Contract. Within 30 days of execution, the Owner will issue the Notice to Proceed.

17. PLANS FOR CONSTRUCTION

The successful Bidder will be furnished two sets of full-size Documents without charge. Any additional copies required will be furnished to the Contractor at reproduction cost.

18. PERFORMANCE AND PAYMENT BOND

The successful Bidder shall file with the Owner a Performance Bond and Payment Bond on the form bound herewith in the full amount of the Contract price in accordance with the requirements of Mississippi Statutes Code Section 31-5-51, as applicable, as security for the faithful performance of the Contract and the payment of all persons supplying labor and materials for the construction of the work, and cover all guarantees against defective workmanship or materials, or both, for a period of one year after the date of final acceptance of the various work items completed during the construction program. The Contractor shall refer to the Technical Specifications for required warranty periods on specific equipment items. The Surety furnishing this bond shall have a sound financial standing and a record of service satisfactory to the Owner, and shall be authorized to do business in the State of Mississippi.

The Attorney-in-Fact (Resident Agent) who executes this Performance Bond and Payment Bond in behalf of the Surety must attach a notarized copy of his power-of-attorney as evidence of his authority to bind the Surety on the date of execution of the Bond.

All Contracts, Performance and Payment Bonds, will have the same date.

19. FAILURE TO EXECUTE CONTRACT AND FURNISH BONDS AND CERTIFICATE OF INSURANCE

The Bidder who has a Contract awarded to him and who fails to sign the Contract and furnish the Performance Bond, Payment Bond, and Certificate of Insurance shall forfeit the bid security and it shall be retained as liquidated damages by the Owner. It is agreed that this said sum is a fair estimate of the amount of damages the Owner will sustain in case the Bidder fails to enter into a Contract and furnish the bond as hereinbefore provided. Bid security deposited in the form of cash, a certified check, or cashier's check shall be subject

to the same requirement as a bid bond.

20. TIME OF COMPLETION

The time of completion of the work to be performed under this Contract is the essence of the Contract. Delays and extensions of time may be allowed in accordance with the provisions stated in the General Conditions. The time allowed for the completion of the work is stated in the Bid.

SURETY

If the Bidder is awarded a Contract(s) based on this Bid, the Surety who provides the Performance Bond and Payment Bond will be Travelers Casualty + Surety Company whose address is One Tower Square Hartford CT 06183
Street City State Zip

Bidder

The name of the Bidder submitting this Bid is Warren Paving, Inc.

Headquarters Address: 562 Elks Lake Rd.
Street
Hattiesburg MS 39401
City State Zip

Local Mailing Address P.O. Box 572
(If different than above):
Street
Hattiesburg MS 39403
City State Zip

Address to which all communications concerned with this Bid and with the resulting Contract shall be sent:

Name Warren Paving, Inc. Street or P.O. Box P.O. Box 572
City Hattiesburg State MS Zip 39403
Attention: Jeremy Patterson Estimator/Project Manager
Name Title

The names of the Principal officers of the entity submitting this Bid, or of all persons interested in this Bid as Principals are:

Steven M. Warren
Name

Warren Paving, Inc.
Company

David McKay
Name

Warren Paving, Inc.
Company

Lawrence W. Warren
Name

Warren Paving, Inc.
Company

Name

Company

If the Bidder is a joint venture or partnership the names and business addresses of the participants are:

Name

Address

Name

Address

Name

Address

BIDDER'S AFFIDAVIT AND SWORN STATEMENT

STATE OF Mississippi
COUNTY OF Forrest

I hereby certify that I am submitting this Bid on behalf of

a (check one): ☒ Corporation ☐ Partnership
☐ Sole Proprietorship ☐ Joint Venture
☐ Other (Describe)

of the City of Hattiesburg State of Mississippi

that I have examined and prepared the foregoing Bid(s) based on the information contained in the Contract Documents provided with the Bid; and I have checked the same in detail before submitting this Bid; that I have full authority to make such statements and submit this Bid in (its) (their) (my) behalf; and that these statements are true and correct.

Addenda

The Bidder hereby acknowledges that he has received Addenda No.(s) 1, __, __, __, to these Contract Documents. (Bidder insert No. of each Addendum received.)

Signature [Signature]

Title Estimator/Project Manager (Corporate Seal)

Subscribed and sworn to before me this 9th day of June, 20 17

[Signature]
Notary Public - State of Mississippi

My commission expires: 11-30-18

(Notary Seal)





BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned,
Warren Paving, Inc. as Principal, and
Travelers Casualty and Surety Company of America as Surety, are hereby held and firmly bound
unto City of Hattiesburg as OWNER in the penal sum of
Five Percent (5%) of Bid Amount for the payment of which, well and truly to be made, we hereby jointly and
severally bind ourselves, successors and assigns.

Signed, this 9th day of June, 20 17

The Condition of the above obligation is such that whereas the Principal has submitted to
City of Hattiesburg a certain BID, attached hereto and hereby made a part thereof to enter
into a contract in writing, for the Highway 11 Medical Park Access Roadway, as per proposal

NOW, THEREFORE,

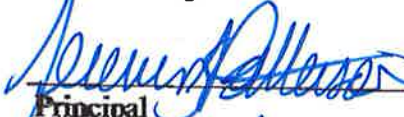
(a) If said BID shall be rejected, or

(b) If said BID shall be accepted and the Principal shall execute and deliver a contract in the
Form of Contract attachment hereto (properly completed in accordance with said BID) and shall
furnish a BOND for faithful performance of said contract, and for the payment of all persons
performing labor and furnishing materials in connection therewith, and shall in all other respects
perform the agreement created by the acceptance of said BID, then this obligation shall be void,
otherwise the same shall remain in full force and effect; it being expressly understood and agreed
that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the
penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety
and its BOND shall be in no way impaired or affected by any extension of the time within which
the OWNER may accept such BID; and said Surety does hereby waive notice of any such
extension.

IN WITNESS WHEREOF, the principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

Warren Paving, Inc.


Principal D.S.
Jeremy Wilkerson
Estimator Project Manager

Travelers Casualty and Surety Company of America

Surety


By: Joshua T. Jones
Attorney-In-Fact & Resident MS Agent



POWER OF ATTORNEY

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company

Attorney-In Fact No. 230304

Certificate No. 007014747

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Charles F. Porter, Joshua T. Jones, Wesley H. McCubbins, and Elizabeth Cramer

of the City of Ridgeland, State of Mississippi, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 18th day of October, 2016.

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company



State of Connecticut
 City of Hartford ss.

By: 

Robert L. Raney, Senior Vice President

On this the 18th day of October, 2016, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
 My Commission expires the 30th day of June, 2021.




 Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

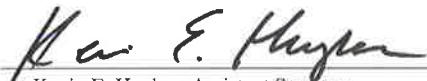
FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 9th day of June, 20 17.


Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

NOTE TO BIDDERS: All blank spaces requiring input below must be filled in, preferably in BLACK INK. (All proposals are to be submitted in duplicate. No "stripped" bids will be accepted for the certified, original bid; however, the duplicate may contain only the front end documents.)

PROPOSAL

To: CITY OF HATTIESBURG

Address: P.O. Box 1898
Hattiesburg, Mississippi 39403

Project Title: HIGHWAY 11 MEDICAL PARK ACCESS ROADWAY
MISSISSIPPI DEVELOPMENT INFRASTRUCTURE GRANT (DIP-363)

Bidder: Warren Paving, Inc.

Address: P.O. Box 512 Hattiesburg, MS 39403

Date: JUNE 9, 2017

Bidder's person to contact for additional information on this Bid:

Name: Jeremy Patterson

Telephone: (601) 544-7811

BIDDERS' DECLARATION AND UNDERSTANDING

The undersigned, hereinafter called the Bidder, declares that the only persons or parties interested in this Bid are those named herein, that this Bid is, in all respects, fair and without fraud, that it is made without collusion with any official of the Owner, and that the Bid is made without any connection or collusion with any person submitting another bid on this Contractor.

The Bidder further declares that he has carefully examined the Contract Documents for the project, that he has personally inspected the site, that he has satisfied himself as to the nature of the work involved, including equipment required, and conditions of work involved, and that this Bid is made according to the provisions and under the terms of the Contract Documents, which Documents are hereby made a part of this Bid.

The Bidder further agrees that he has exercised his own judgment regarding the interpretation of the work and has utilized all data which he believes pertinent from the Engineer, Owner, and other sources in arriving at his conclusions.

CONTRACT EXECUTION AND BONDS

The Bidder agrees that if this Bid is accepted, he will, within 10 days, not including Sundays and legal holidays after Notice of Award, sign and deliver the Contract to the Owner together with the required Performance Bond, Payment Bond, and Certificate of Insurance, and will, to the extent of his Bid, furnish all machinery, tools, apparatus, and other means of construction and do the work and furnish all the materials necessary to complete the work as specified or indicated in the Contract Documents.

START OF CONSTRUCTION AND CONTRACT COMPLETION TIME

The Bidder further agrees to begin work within 10 calendar days after the date stated in the Notice to Proceed issued by the Owner to the Contractor and shall complete the construction of the project in all respects within 90 calendar days from the date the Owner issues the Notice to Proceed.

Submittals required under this Contract that would affect the start of actual construction can be submitted by the Contractor any time after the Owner issues the Notice of Award, notwithstanding the fact that the Contract has not been executed nor the Notice to Proceed issued. Notwithstanding the Contractor's right to make early submittals, no cause for a delay or time extension shall arise under the Contract unless the Engineer fails to respond to such submittals within 20 days after issuance of the Notice to Proceed and the delay impacts the Contract completion date. The time for completion of this Contract shall begin the day the Notice to Proceed is issued by the Owner.

DAMAGES FOR DELAY

In the event the Bidder is awarded the Contract and shall fail to complete the work within the time limit or extended time limit agreed upon, as more particularly set forth in the Contract Documents, liquidated damages shall be paid to the Owner at the rate stated below per calendar day until the work shall have been satisfactorily completed as provided by the Contract Documents:

Contract Completion: \$225.00 per day

Liquidated damage shall be cumulative for work not completed on schedule.

SALES AND USE TAXES

The Bidder agrees that all federal, state, and local sales and use taxes are included in the stated bid prices for the work.

BIDDER BREAKDOWN OF TOTAL BID

Bidder(s) being considered for award may be required to provide further detailed breakdown of the work within 72 hours following receipt of the request from the Owner. The price breakdown shall be fairly apportioned to the items listed. If so requested, the Bidder shall substantiate any price or prices with additional detailed price breakdown.

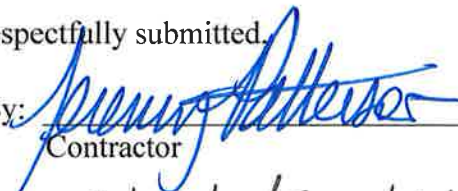
LUMP SUM WORK

The following items are to be provided and/or completed, as herein specified and as shown on the Drawings, based upon the undersigned's own estimate of quantity and costs, for the lump sum amounts specified for each line item indicated. If requested by the Engineer, the Contractor shall substantiate any price or prices with additional detailed price breakdown.

UNIT PRICE WORK

The Bidder further proposes to accept as full payment for the work proposed herein the amounts computed under the provisions of the Contract Documents and based on the following unit price amounts. It being expressly understood that the unit prices are independent of the exact quantities involved. The Bidder agrees that the unit prices represent a true measure of the labor and materials required to perform the work, including all allowances for overhead and profit for each type and unit of work called for in these Contract Documents. The amounts shall be shown in both words and figures. In case of a discrepancy, the amount shown in words shall govern.

Respectfully submitted,

By: 

Contractor

Title:

Estimator/Project Manager

Address: P.O. Box 572

Halliesburg, MS 39403

Date:

June 9, 2017

(To be filled in if a corporation)

Our Corporation is chartered under the Laws of the State of
and the names, titles and business addresses of the executives are as follows:

President Steven M. Warren Address P.O. Box 572 Hattiesburg, MS 39403

Secretary David McKay Address P.O. Box 572 Hattiesburg, MS 39403

Treasurer Laurence W. Warren Address P.O. Box 572 Hattiesburg, MS 39403

ADDENDUM

The Bidder acknowledges receipt of the following Addenda:

Addendum No. 1 June 5, 2017

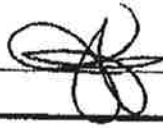
The undersigned Bidder further understands that the quantities of work shown herein are approximate only and are subject to increase or decrease, and offers to do the work whether the quantities are increased and decreased at the following unit prices:

MBE and WBE LIST

PROJECT: HWY 11 Medical Access Rd. **OWNER:** City of Hattiesburg
NAME OF MBE/WBE FIRM: Simmons Erosion Control, Inc. ☐ RACE CONSCIOUS ☒ RACE NEUTRAL
ADDRESS: 6690 Steve Lee Drive Lake, MS 39092

A	B	C
REFERENCE NUMBER OF ITEMS	PER CENT WORK SUBCONTRACTED, (SEE NOTE 4 & 5 BELOW)	VALUE OF ITEM (SUBCONTRACTED, MANUFACTURED OR SUPPLIED)
See Attachment A		\$64,960.00
TOTAL		\$64,960.00
PER CENT OF TOTAL BID		13.03

*** I ACKNOWLEDGE AND COMMIT TO THE ITEMS AND PRICES STATED ABOVE. ***

SIGNATURE OF **PRIME** CONTRACTOR SIGNATURE OF **DBE**

DATE RECEIVED : _____

Warren Paving, Inc.

DATE APPROVED : _____

Jeremy Patterson

PRIME CONTRACTOR

APPROVED BY : _____

Estimator/Project Manager

SUBMITTED BY

TITLE

I AGREE TO SUBCONTRACT OR PURCHASE MATERIAL FROM THE MBE/WBE FIRM LISTED ABOVE AND I MAKE THIS COMMITMENT WITH THE UNDERSTANDING THAT IF I FAIL FOR GOOD REASON TO FULFILL THIS COMMITMENT I HAVE LISTED I WILL FULFILL THE TERMS OF MY CONTRACT AS LONG AS I REACH OR EXCEED THE CONTRACT GOAL OF 10% (MBE) and 5% (WBE).

INSTRUCTIONS:

- SUBMIT THIS FORM TO OWNER NO LATER THAN THE THIRD (3) CALENDER DAY AFTER THE OPENING OF THE BIDS. (Email copies acceptable with originals to follow with documents.
- 60 % CREDIT IS ALLOWED TOWARD THE MBE/WBE GOAL FOR SUPPLIERS.
- THE ACTUAL SUBCONTRACT AGREEMENT MUST EQUAL OR EXCEED THE DOLLAR AMOUNT SHOWN IN COLUMN "C".
- IF THE MBE/WBE FIRM PERFORMS "ALL OF THE WORK" PERTAINING TO A SUBCONTRACTED ITEM ENTER 100 % IN COLUMN "B".
- IF THE MBE/WBE FIRM PERFORMS "A PORTION OF THE WORK" PERTAINING TO A SUBCONTRACTED ITEM THE PERCENTAGE IS CALCULATED BASED ON THE TOTAL VALUE OF THE ITEM AND ENTERED IN COLUMN "B". A BREAKDOWN OF THE COST MUST ACCOMPANY THIS SITUATION.

Attachment A

A	B	C
Reference Number of Items	Percent Work Subcontracted	Value of Item (Subcontracted, Manufactured or Supplied)
S-608-A	100	\$ 33,580.00
S-609-D	100	\$ 28,380.00
901-S-212-A	100	\$ 250.00
S-212-B	100	\$ 500.00
S-212-F	100	\$ 500.00
S-214-A	100	\$ 1,250.00
S-215-A	100	\$ 500.00
TOTAL		\$ 64,960.00
PERCENT OF TOTAL BID		13.03%



CONTRACTORS & ENGINEERS

POST OFFICE BOX 572
HATTIESBURG, MISSISSIPPI 39403
TELEPHONE (601)544-7811 – FAX (601)544-2005

POST OFFICE BOX 2545
GULFPORT, MISSISSIPPI 39503
TELEPHONE (228)896-8003 – FAX (228)896-8155

BREAKDOWN FOR MOBILIZATION

Project No.: HWY 11 Medical Access Road
City of Hattiesburg

MOBILIZATION	BID AMOUNT:	\$ 22,225.00
R&J Construction, Inc.		\$ 3,500.00
Traffic Control Products, Inc.		\$ 3,470.00
Materials Testing		\$ 4,000.00
Warren Paving, Inc.		\$ 11,255.00
	TOTAL:	\$ 22,225.00

WARREN PAVING, INC.

Jeremy Patterson

MBE and WBE LIST

PROJECT: HWY 11 Medical Access Rd. OWNER: City of Hattiesburg
NAME OF MBE/WBE FIRM: Traffic Control Products Co., Inc. ☐ RACE CONSCIOUS ☒ RACE NEUTRAL
ADDRESS: P.O. Box 620 Brandon, MS 39043

A	B	C
REFERENCE NUMBER OF ITEMS	PER CENT WORK SUBCONTRACTED , (SEE NOTE 4 & 5 BELOW)	VALUE OF ITEM (SUBCONTRACTED , MANUFACTURED OR SUPPLIED)
See Attachment A		\$11,791.50

*** I ACKNOWLEDGE AND COMMIT TO THE ITEMS AND PRICES STATED ABOVE. ***

Wendy R. Coarner
SIGNATURE OF DBE

THE ITEMS AND PRICES STATED ABOVE. ***

[Signature]

SIGNATURE OF PRIME

DATE RECEIVED : _____

Warren Paving, Inc.

DATE APPROVED : _____

Jeremy Patterson

APPROVED BY :

Estimator/Project Manager

PRIME CONTRACTOR

SUBMITTED BY

TITLE

I AGREE TO SUBCONTRACT OR PURCHASE MATERIAL FROM THE MBE/WBE FIRM LISTED ABOVE AND I MAKE THIS COMMITMENT WITH THE UNDERSTANDING THAT IF I FAIL FOR GOOD REASON TO FULFILL THIS COMMITMENT I HAVE LISTED I WILL FULFILL THE TERMS OF MY CONTRACT AS LONG AS I REACH OR EXCEED THE CONTRACT GOAL OF 10% (MBE) and 5% (WBE).

INSTRUCTIONS

1. **SUBMIT THIS FORM TO OWNER NO LATER THAN THE THIRD (3) CALENDER DAY AFTER THE OPENING OF THE BIDS. (Email copies acceptable with originals to follow with documents.**
2. **60 % CREDIT IS ALLOWED TOWARD THE MBE/WBE GOAL FOR SUPPLIERS.**
3. **THE ACTUAL SUBCONTRACT AGREEMENT MUST EQUAL OR EXCEED THE DOLLAR AMOUNT SHOWN IN COLUMN "C".**
4. **IF THE MBE/WBE FIRM PERFORMS "ALL OF THE WORK" PERTAINING TO A SUBCONTRACTED ITEM ENTER 100 % IN COLUMN "B".**
5. **IF THE MBE/WBE FIRM PERFORMS "A PORTION OF THE WORK" PERTAINING TO A SUBCONTRACTED ITEM THE PERCENTAGE IS CALCULATED BASED ON THE TOTAL VALUE OF THE ITEM AND ENTERED IN COLUMN "B". A BREAKDOWN OF THE COST MUST ACCOMPANY THIS SITUATION.**

Attachment A

A	B	C
Reference Number of Items	Percent Work Subcontracted	Value of Item (Subcontracted, Manufactured or Supplied)
S-200-A	16	\$ 3,470.00
S-621-C	100	\$ 2,080.00
S-621-E-1	100	\$ 2,187.50
S-621-G-1	100	\$ 1,230.00
S-627-D	100	\$ 1,150.00
S-630-A	100	\$ 837.00
S-630-B	100	\$ 837.00
TOTAL		\$ 11,791.50
PERCENT OF TOTAL BID		2.36%

SECTION 902 PROPOSAL

The Established Contract Goal is 10 (%) percent for Minority Business Enterprises and 5 (%) percent for Women Business Enterprises.

The bidder hereby gives assurance that the bidder has made a good faith effort to meet the contract goal for MBE and WBE participation for which the proposal is submitted.

All prospective bidders are hereby notified that failure to meet the above listed goals could cause the contract not to be awarded to the apparent successful low bidder.

I/We agree to subcontract the Established Contract Goal percentage stated above to small business concerns owned and controlled by socially and economically disadvantaged individuals.

OR (Check appropriate:)

☒ I/we propose to subcontract 0 % of this contract to a MBE and 15.39 % to a WBE controlled by socially and economically disadvantaged individuals and have submitted herewith that information which will satisfy the Owner that adequate good faith efforts were made to meet the contract goal.

☐ Bidder is a small business concern WBE or MBE.

☐ This is a joint venture bid in which one or more of the participants is a small business concern MBE or WBE.

Respectfully Submitted:

James P. King, Inc.

By: [Signature]

Title: Estimator/Project Manager

NOTE: FAILURE TO SIGN THIS PART OF PROPOSAL SHALL BE CAUSE FOR REJECTION OF THE BID.

UNIT PRICE SCHEDULE (ADDENDUM NO. 1)

PROJECT Medical Park Access Roadway

City of Hattiesburg & Hattiesburg Clinic, P.A.

Hattiesburg, Mississippi

CONTRACT TIME: 90 DAYS

BID SCHEDULE					
ITEM NUMBER	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
S-200-A	MOBILIZATION	L.S.	LUMP SUM	\$ 22,225.00	\$ 22,225.00
S-201-A	CLEARING AND GRUBBING	L.S.	LUMP SUM	\$ 1,750.00	\$ 1,750.00
S-202-A	REMOVAL OF OBSTRUCTIONS (TIE-IN AT EXISTING ROADWAY)	L.S.	LUMP SUM	\$ 1,750.00	\$ 1,750.00
S-203-A	UNCLASSIFIED EXCAVATION (FM)	930.0	CU YD	\$ 6.70	\$ 6,231.00
S-203-E	BORROW EXCAVATION (CONTRACTOR FURNISHED LVM, CLASS 9-8)	1,160.0	CU YD	\$ 8.90	\$ 10,324.00
S-211-C	TOPSOIL (CONTRACTOR FURNISHED) (FM)	230.0	CU YD	\$ 23.20	\$ 5,336.00
S-240-A	GEOGRID REINFORCEMENT	1,500.0	SQ YD	\$ 4.80	\$ 7,200.00
S-304-D	CRUSHED STONE	925.0	TON	\$ 39.00	\$ 36,045.00
S-403-A	HOT MIX ASPHALT, (ST)(9.5MM)	240.0	TON	\$ 95.00	\$ 22,800.00
S-403-A	HOT MIX ASPHALT, (ST)(12.5MM)	320.0	TON	\$ 86.00	\$ 27,520.00
S-403-A	HOT MIX ASPHALT, (ST)(19MM)	480.0	TON	\$ 83.50	\$ 40,080.00
S-601-B	CLASS "B" STRUCTURAL CONCRETE, MINOR STRUCTURES	43.0	CU YD	\$ 1,050.00	\$ 45,150.00
S-602-A	REINFORCING STEEL	5,365.0	LB	\$ 1.80	\$ 9,657.00
S-603-C-A	24" REINFORCED CONCRETE PIPE, CLASS III	84.0	LIN. FT	\$ 49.00	\$ 4,116.00
S-603-C-A	48" REINFORCED CONCRETE PIPE, CLASS III	200.0	LIN. FT	\$ 106.00	\$ 21,200.00
S-603-C-B	48" REINFORCED CONCRETE PIPE, END SECTION	1.0	EACH	\$ 2,085.00	\$ 2,085.00
S-603-PE	24" CORRUGATED POLYETHYLENE PIPE	105.0	LIN. FT	\$ 47.00	\$ 4,935.00
S-603-PE	36" CORRUGATED POLYETHYLENE PIPE	290.0	LIN. FT	\$ 64.50	\$ 18,705.00
S-603-PE	48" CORRUGATED POLYETHYLENE PIPE	250.0	LIN. FT	\$ 94.00	\$ 23,500.00
S-608-A	CONCRETE SIDEWALK	920.0	SQ. YD.	\$ 44.50	\$ 40,940.00
S-609-D	COMBINATION CONCRETE CURB AND GUTTER	1,720.0	LIN. FT	\$ 20.70	\$ 35,604.00
S-613-A	ADJUSTMENT OF CASTINGS, GRATINGS, AND UTILITY APPURTENANCES	L.S.	LUMP SUM	\$ 4,000.00	\$ 4,000.00
S-617-A	RIGHT-OF-WAY MARKERS (TYPE II)	14.0	EACH	\$ 235.00	\$ 3,290.00
S-618-A	MAINTENANCE OF TRAFFIC	L.S.	LUMP SUM	\$ 10,700.00	\$ 10,700.00
S-621-C	4" WIDE THERMOPLASTIC EDGE STRIPE (CONTINUOUS WHITE)(60 MILS)	0.4	MILE	\$ 6,015.00	\$ 2,406.00
S-621-E-I	4" WIDE THERMOPLASTIC TRAFFIC STRIPE (CONTINUOUS YELLOW)(90 MILS)	1,750.0	LIN. FT.	\$ 1.40	\$ 2,450.00
S-621-G-I	THERMOPLASTIC DETAIL STRIPE (4" EQUIV LENGTH)(WHITE)(90 MILS)	246.0	LIN. FT	\$ 6.00	\$ 1,476.00
S-627-D	TWO-WAY YELLOW REFLECTIVE RAISED MARKERS	23.0	EACH	\$ 55.00	\$ 1,265.00
S-630-A	REFLECTORIZED TRAFFIC WARNING SIGN(ENCAPSULATED LENS)	1.0	EACH	\$ 910.00	\$ 910.00
S-630-B	REFLECTORIZED TRAFFIC REGULATORY SIGN (ENCAPSULATED LENS)	1.0	EACH	\$ 910.00	\$ 910.00

BID SCHEDULE					
ITEM NUMBER	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
ELECTRICAL ITEMS					
907-633-A	ROADWAY LIGHTING SYSTEM	L.S	LUMP SUM	\$ 72,000.00	\$ 72,000.00
EROSION CONTROL ITEMS					
901-S-212-A	AGRICULTURAL LIMESTONE	1.0	TON	\$ 290.00	\$ 290.00
S-212-B	COMMERCIAL FERTILIZER (13-13-13)	0.5	TON	\$ 1,160.00	\$ 580.00
S-212-F	AMMONIUM NITRATE	0.1	TON	\$ 5,800.00	\$ 580.00
S-214-A	SEEDING	0.5	ACRE	\$ 2,900.00	\$ 1,450.00
S-215-A	VEGETATIVE MATERIALS FOR MULCH	1.0	TON	\$ 580.00	\$ 580.00
S-234-A	TEMPORARY EROSION CONTROL MEASURES	L.S	LUMP SUM	\$ 7,000.00	\$ 7,000.00
S-815-A	LOOSE RIPRAP, 200 LB	20.0	TON	\$ 81.25	\$ 1,625.00
				TOTAL BID AMOUNT: \$18,195.00	

Bidder:

Jeremy Peterson
Walker Associates, Inc.

Company Name

Address:

P.O. Box 572
Hattiesburg, MS 39403

Jeremy Peterson

Name

Estimator/Project Manager

Title

NOTICE OF AWARD

TO: Warren Paving, Inc.
P.O. Box 572
Hattiesburg, MS 39403

Project Description: HIGHWAY 11 MEDICAL PARK ACCESS ROADWAY
MISSISSIPPI DEVELOPMENT INFRASTRUCTURE GRANT
(DIP-363), CITY OF HATTIESBURG, MISSISSIPPI

The Owner has considered the bid submitted by you for the above described Work in response to its Advertisement for Bids published May 10, 2017 and May 17, 2017 and Information for Bidders.

You are hereby notified that your Bid has been accepted for items identified as Base Bid in the amount of \$498,695.00.

You are required under the terms of the Notice Inviting Bids and the Information for Bidders to execute the Agreement and furnish the required bonds and certificates of insurance within 10 calendar days from the date of this Notice to you.

If you fail to execute said Agreement and to furnish said bonds and certificates of insurance within 10 days from the date of this notice, said Owner will be entitled to consider all your rights arising out of the Owner's acceptance of your bid to be abandoned and as a forfeiture of your Bid Bond. The Owner will be entitled to such other rights as may be granted by law.

You are required to return an acknowledged copy of this Notice of Award to the Owner.

Dated this 3 day of August, 20 17.

By: _____

Title: _____

ACCEPTANCE OF NOTICE

Receipt of the foregoing Notice of Award is hereby acknowledged by Warren Paving, Inc.
this the _____ day of _____, 20 17.

By: _____

Title: _____

PART 2 CONTRACT FORMS

CONTRACT

THIS AGREEMENT made and entered into, this the _____ day of _____ in the year _____ by and between:

Warren Paving, Inc.

P.O. Box 572

Hattiesburg, MS 39403

(Firm or Corporation, Name and Address)

duly authorized and qualified to do business in the State of Mississippi, hereinafter called the CONTRACTOR, and CITY OF HATTIESBURG, MISSISSIPPI, hereinafter called the OWNER.

WITNESSETH, that CONTRACTOR and the OWNER for considerations hereinafter named agree as follows:

SCOPE OF WORK

CONTRACTOR shall furnish all labor, materials, supervision, tools, equipment, supplies, and appurtenances, and perform all work on the Contract Drawings entitled HIGHWAY 11 MEDICAL PARK ACCESS ROADWAY MISSISSIPPI DEVELOPMENT INFRASTRUCTURE GRANT (DIP-363), as prepared by The Walker Associates, Engineers-Planners-Designers, and shall do everything required by this CONTRACT AGREEMENT and the Contract Documents, all to the satisfaction of the OWNER in accordance and compliance with the Contract Documents.

CONTRACT DOCUMENTS

It is understood and agreed that the Advertisement for Bids, Information for Bidders, Addenda, Bid, Bid Bond, Notice of Award, Contract, Contract Bond, Certificate of Owner's Attorney, Notice to Proceed, General Conditions, Special Conditions, Technical Specifications, Change Order, and Plans, said plans showing more particularly the details of the work to be done, shall be held to be and are hereby made a part of this contract by specific reference thereto and with like effect as if each and all of said instruments had been set out fully herein in words and figures.

TIME OF COMPLETION

The CONTRACTOR shall begin work within ten (10) days from the date of this Contract and shall complete all work within 90 calendar days after the date specified in the Notice to Proceed.

In case of failure on the part of the CONTRACTOR to complete the work within the calendar days specified, or any OWNER approved extensions, thereof, then the CONTRACTOR shall pay to the OWNER the sum of \$225.00 for each calendar day thereafter that the work remains incomplete. Such sums are agreed upon as the proper measures of liquidated damages that the OWNER will sustain by the failure of the CONTRACTOR to complete the work within the time(s) stipulated and those sums are not to be construed in any sense as penalties. The CONTRACTOR shall not be liable for the aforementioned damages or forfeiture of this CONTRACT by reason of delay due to acts of GOD or of the public enemy, acts or neglects of the OWNER, acts or neglects of any other contractor employed by the OWNER, or by changes ordered in the work, delay in procurement of material beyond the CONTRACTOR'S control, or any other causes beyond the CONTRACTOR'S control.

PROGRESS PAYMENTS

The OWNER shall make monthly progress payments to the CONTRACTOR on the basis of duly certified and approved estimated percentage of work completed by the Contractor (for each component of the Project) during the preceding calendar month, but the OWNER shall retain ten percent (10%) of the amount of each such estimate until final completion and acceptance of the work covered by this Contract.

ACCEPTANCE AND FINAL PAYMENT

Upon receipt of written notice from the CONTRACTOR that the work is ready for final inspection and acceptance, the OWNER shall promptly make such inspection and when he finds the work acceptable under the Contract and the Contract fully performed, he shall promptly issue a final certificate over its authorized signature, stating that the work provided for in this Contract has been completed and is accepted by him under the terms and conditions thereof, and the entire amount found to be due the CONTRACTOR shall be paid to the CONTRACTOR at the office of the OWNER within 30 days after the date of said final certificate.

Before issuance of final certificate, the CONTRACTOR shall submit evidence satisfactory to the OWNER that all payrolls, bills and/or claims, and other indebtedness connected with the work have been paid so as to save the OWNER harmless from any damage that may arise from the prosecution of this Contract.

The making and acceptance of the final payment shall constitute a waiver of all claims by the OWNER against the CONTRACTOR, other than those arising from unsettled liens, from faulty or defective work appearing after final payment, or from failure to comply with the requirements of the Contract Documents, or the terms of any special guarantee specified herein, and a waiver of all claims by the CONTRACTOR against the OWNER other than those previously made in writing and still unsettled.

If, after the work has been substantially completed, the full completion is materially delayed through no fault of the CONTRACTOR, the OWNER shall, and without terminating the Contract, make payment for the balance due for that portion of the work fully complete, except that it shall not constitute a waiver of claims.

TERMINATION OF CONTRACT

If the CONTRACTOR should be adjudged bankrupt, or if he should make a general assignment for the benefit of his creditors, or if a receiver should be appointed on account of his insolvency, or if he should persistently or repeatedly refuse, or should fail, except in cases for which extension of time is provided, to supply enough properly skilled workmen, equipment, or proper materials, or if he should fail to make prompt payment to subcontractor or for materials or labor, or persistently disregard laws, ordinances or the instruction of the OWNER or otherwise be guilty of a substantial violation of any provisions of the Contract, then the OWNER may without prejudice to any other right or remedy and after giving the CONTRACTOR written notice, terminate the employment of the CONTRACTOR and take possession of the premises and of all materials, tools, and appliances thereon and finish the work by whatever method the OWNER may deem expedient. In such case, the CONTRACTOR, shall not be entitled to receive any payment until the work is finished. If the amount owed to CONTRACTOR for work completed by him shall exceed the expense of finishing the work, including compensation for additional managerial and administrative services, such excess shall be paid to the CONTRACTOR. If such expense shall exceed the amount owed to the CONTRACTOR, the CONTRACTOR shall pay the difference to the OWNER as herein provided.

In the event of termination of Contract before completion of the work, due to abandonment of the Project or discontinuance thereof, the CONTRACTOR will be paid in proportion to the work completed and in progress.

LAWS, REGULATIONS, INSURANCE

The CONTRACTOR shall comply with the pertinent provisions of all local, state and federal laws, rules or regulations applicable to said work being performed, and shall carry all required Workmen's Compensation, casualty, or other liability insurance, and shall generally keep the OWNER indemnified against all fines, penalties, and losses incurred by reason of any breach of this stipulation.

INDEMNIFICATION

The CONTRACTOR shall be solely responsible for and shall protect and indemnify and save harmless the OWNER, OWNER'S employees, and ENGINEER from and against all damages, losses and all claims, demands, payments, suit actions, recoveries, and judgments of every nature and description brought or recovered against the OWNER, OWNER'S employees, and ENGINEER reason of any act or commission of the CONTRACTOR, his agents, employees, or sub-contractors in the execution of the work or in the guarding of it.

WORKMANSHIP

It is understood and agreed that all work shall be done in a thorough and workmanlike manner under the supervision and direction of the Engineer and to the satisfaction of the OWNER.

SUBLETTING

Neither party of this Contract shall assign the Contract or sublet it as a whole without the written consent of the other, nor shall the CONTRACTOR assign any monies due or to become due to him hereunder without written consent of the OWNER.

EXTRA WORK

If it becomes necessary for the CONTRACTOR to do work not specifically called for by this Contract, the OWNER and CONTRACTOR shall come to an agreement as to the amount of additional work to be done, and as to the cost of the additional work before the work is initiated.

The CONTRACTOR agrees that he has read each and every clause of this Contract and fully understands the meaning of same and that he will comply with all the terms, covenants, and agreements therein set forth.

IN WITNESS WHEREOF the parties hereby have executed this CONTRACT on the day and year first above written:

ATTEST:



OWNER:

By:

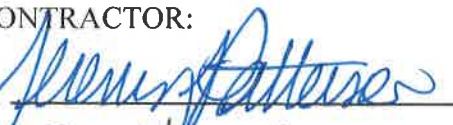


ATTEST:

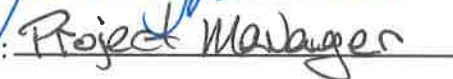

CFO

CONTRACTOR:

By:



Title:


Project Manager

Regions Insurance

1020 Highland Colony Parkway, Ste. 302, Ridgeland, MS 39157

PH 601-790-8500

WATTS 800-844-6700

FAX 601-7908558

Bond No. 106684639

AIA Document A312

Performance Bond

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

CONTRACTOR (Name and Address):

Warren Paving, Inc.
P. O. Box 572
Hattiesburg, MS 39403

SURETY (Name and Principal Place of Business):

Travelers Casualty and Surety Company of America
One Tower Square
Hartford, CT 06183

OWNER (Name and Address):

City of Hattiesburg
200 Forrest Street
Hattiesburg, MS 39401

CONSTRUCTION CONTRACT**Date:**

Amount: \$498,695.00 Four Hundred Ninety Eight Thousand Six Hundred Ninety Five Dollars and 00/100

Description (Name and Location): Highway 11 Medical Park Access Roadway, Mississippi Development Infrastructure Grant (DIP-363)

BOND

Date (Not earlier than Construction Contract Date):

Amount: \$498,695.00 Four Hundred Ninety Eight Thousand Six Hundred Ninety Five Dollars and 00/100

Modifications to this Bond:

☒ None

☐ See Page 3

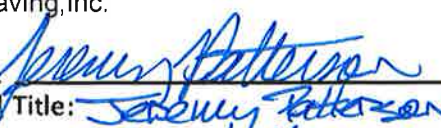
CONTRACTOR AS PRINCIPAL**Company:**

Warren Paving, Inc.

(Corporate Seal)

SURETY Travelers Casualty and Surety Company of America**Company:**

(Corporate Seal)

Signature: 

Name and Title: 

Project Manager

Signature: 

Name and Title: Joshua T. Jones
Attorney-in-Fact

(Any additional signatures appear on page 3)

(FOR INFORMATION ONLY—Name, Address and Telephone)

AGENT or BROKER:

Regions Insurance
1020 Highland Colony Parkway, Ste. 302
Ridgeland, MS 39157

OWNER'S REPRESENTATIVE (Architect, Engineer or other party):
The Walker Associates

1 The Contractor and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.

2 If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except to participate in conferences as provided in Subparagraph 3.1.

3 If there is no Owner Default, the Surety's obligation under this Bond shall arise after:

3.1 The Owner has notified the Contractor and the Surety at its address described in Paragraph 10 below that the Owner is considering declaring a Contractor Default and has requested and attempted to arrange a conference with the Contractor and the Surety to be held not later than fifteen days after receipt of such notice to discuss methods of performing the Construction Contract. If the Owner, the Contractor and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Construction Contract, but such an agreement shall not waive the Owner's right, if any, subsequently to declare a Contractor Default; and

3.2 The Owner has declared a Contractor Default and formally terminated the Contractor's right to complete the contract. Such Contractor Default shall not be declared earlier than twenty days after the Contractor and the Surety have received notice as provided in Subparagraph 3.1; and

3.3 The Owner has agreed to pay the Balance of the Contract Price to the Surety in accordance with the terms of the Construction Contract or to a contractor selected to perform the Construction Contract in accordance with the terms of the contract with the Owner.

4 When the Owner has satisfied the conditions of Paragraph 3, the Surety shall promptly and at the Surety's expense take one of the following actions:

4.1 Arrange for the Contractor, with consent of the Owner, to perform and complete the Construction Contract; or

4.2 Undertake to perform and complete the Construction Contract itself, through its agents or through independent contractors; or

4.3 Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Construction Contract, arrange for a contract to be prepared for execution by the Owner and the contractor selected with the Owner's concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Construction Contract, and pay to the Owner the amount of damages as described in Paragraph 6 in excess of the Balance of the Contract Price incurred by the Owner resulting from the Contractor's default; or

4.4 Waive its right to perform and complete, arrange for completion, or obtain a new contractor and with reasonable promptness under the circumstances:

.1 After investigation, determine the amount for

which it may be liable to the Owner and, as soon as practicable after the amount is determined, tender payment therefor to the Owner; or

.2 Deny liability in whole or in part and notify the Owner citing reasons therefor.

5 If the Surety does not proceed as provided in Paragraph 4 with reasonable promptness, the Surety shall be deemed to be in default on this Bond fifteen days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Subparagraph 4.4, and the Owner refuses the payment tendered or the Surety has denied liability, in whole or in part, without further notice the Owner shall be entitled to enforce any remedy available to the Owner.

6 After the Owner has terminated the Contractor's right to complete the Construction Contract, and if the Surety elects to act under Subparagraph 4.1, 4.2, or 4.3 above, then the responsibilities of the Surety to the Owner shall not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner to the Surety shall not be greater than those of the Owner under the Construction Contract. To the limit of the amount of this Bond, but subject to commitment by the Owner of the Balance of the Contract Price to mitigation of costs and damages on the Construction Contract, the Surety is obligated without duplication for:

6.1 The responsibilities of the Contractor for correction of defective work and completion of the Construction Contract;

6.2 Additional legal, design professional and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Paragraph 4; and

6.3 Liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Contractor.

7 The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Construction Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators or successors.

8 The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.

9 Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and shall be instituted within two years after Contractor Default or within two years after the Contractor ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation avail-

able to sureties as a defense in the jurisdiction of the suit shall be applicable.

10 Notice to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the signature page.

11 When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. The intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

12 DEFINITIONS

12.1 Balance of the Contract Price: The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have been made, including allowance to the Con-

tractor of any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract.

12.2 Construction Contract: The agreement between the Owner and the Contractor identified on the signature page, including all Contract Documents and changes thereto.

12.3 Contractor Default: Failure of the Contractor, which has neither been remedied nor waived, to perform or otherwise to comply with the terms of the Construction Contract.

12.4 Owner Default: Failure of the Owner, which has neither been remedied nor waived, to pay the Contractor as required by the Construction Contract or to perform and complete or comply with the other terms thereof.

MODIFICATIONS TO THIS BOND ARE AS FOLLOWS:

(Space is provided below for additional signatures of added parties, other than those appearing on the cover page.)

CONTRACTOR AS PRINCIPAL
Company:

(Corporate Seal)

SURETY
Company:

(Corporate Seal)

Signature: _____
Name and Title: _____
Address: _____

Signature: _____
Name and Title: _____
Address: _____

Regions Insurance

1020 Highland Colony Parkway, Ste. 302, Ridgeland, MS 39157

PH 601-790-8500

WATTS 800-844-6700

FAX 601-7908558

Bond No. 106684639

AIA Document A312

Payment Bond

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

CONTRACTOR (Name and Address):

Warren Paving, Inc.
P. O. Box 572
Hattiesburg, MS 39403

SURETY (Name and Principal Place of Business):

Travelers Casualty and Surety Company of America
One Tower Square
Hartford, CT 06183

OWNER (Name and Address):

City of Hattiesburg
200 Forrest Street
Hattiesburg, MS 39401

CONSTRUCTION CONTRACT**Date:**

Amount: \$498,695.00 Four Hundred Ninety Eight Thousand Six Hundred Ninety Five Dollars and 00/100

Description (Name and Location): Highway 11 Medical Park Access Roadway, Mississippi Development Infrastructure Grant (DIP-363)

BOND**Date (Not earlier than Construction Contract Date):**

Amount: 498,695.00 Four Hundred Ninety Eight Thousand Six Hundred Ninety Five Dollars and 00/100

Modifications to this Bond:

☒ None

☐ See Page 6

CONTRACTOR AS PRINCIPAL**Company:**

Warren Paving, Inc.

(Corporate Seal)

SURETY Travelers Casualty and Surety Company of America**Company:**

(Corporate Seal)

Signature:

Name and Title:

Jeremy Patterson
Jeremy Patterson
Project Manager

Signature:

Name and Title: Joshua T. Jones
Attorney-in-Fact

(Any additional signatures appear on page 6)

(FOR INFORMATION ONLY—Name, Address and Telephone)**AGENT or BROKER:**

Regions Insurance
1020 Highland Colony Parkway, Ste. 302
Ridgeland, MS 39157

OWNER'S REPRESENTATIVE (Architect, Engineer or other party):

The Walker Associates

1 The Contractor and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner to pay for labor, materials and equipment furnished for use in the performance of the Construction Contract, which is incorporated herein by reference.

2 With respect to the Owner, this obligation shall be null and void if the Contractor:

2.1 Promptly makes payment, directly or indirectly, for all sums due Claimants, and

2.2 Defends, indemnifies and holds harmless the Owner from claims, demands, liens or suits by any person or entity whose claim, demand, lien or suit is for the payment for labor, materials or equipment furnished for use in the performance of the Construction Contract, provided the Owner has promptly notified the Contractor and the Surety (at the address described in Paragraph 12) of any claims, demands, liens or suits and tendered defense of such claims, demands, liens or suits to the Contractor and the Surety, and provided there is no Owner Default.

3 With respect to Claimants, this obligation shall be null and void if the Contractor promptly makes payment, directly or indirectly, for all sums due.

4 The Surety shall have no obligation to Claimants under this Bond until:

4.1 Claimants who are employed by or have a direct contract with the Contractor have given notice to the Surety (at the address described in Paragraph 12) and sent a copy, or notice thereof, to the Owner, stating that a claim is being made under this Bond and, with substantial accuracy, the amount of the claim.

4.2 Claimants who do not have a direct contract with the Contractor:

- 1 Have furnished written notice to the Contractor and sent a copy, or notice thereof, to the Owner, within 90 days after having last performed labor or last furnished materials or equipment included in the claim stating, with substantial accuracy, the amount of the claim and the name of the party to whom the materials were furnished or supplied or for whom the labor was done or performed; and
- 2 Have either received a rejection in whole or in part from the Contractor, or not received within 30 days of furnishing the above notice any communication from the Contractor by which the Contractor has indicated the claim will be paid directly or indirectly; and
- 3 Not having been paid within the above 30 days, have sent a written notice to the Surety (at the address described in Paragraph 12) and sent a copy, or notice thereof, to the Owner, stating that a claim is being made under this Bond and enclosing a copy of the previous written notice furnished to the Contractor.

5 If a notice required by Paragraph 4 is given by the Owner to the Contractor or to the Surety, that is sufficient compliance.

6 When the Claimant has satisfied the conditions of Paragraph 4, the Surety shall promptly and at the Surety's expense take the following actions:

6.1 Send an answer to the Claimant, with a copy to the Owner, within 45 days after receipt of the claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed.

6.2 Pay or arrange for payment of any undisputed amounts.

7 The Surety's total obligation shall not exceed the amount of this Bond, and the amount of this Bond shall be credited for any payments made in good faith by the Surety.

8 Amounts owed by the Owner to the Contractor under the Construction Contract shall be used for the performance of the Construction Contract and to satisfy claims, if any, under any Construction Performance Bond. By the Contractor furnishing and the Owner accepting this Bond, they agree that all funds earned by the Contractor in the performance of the Construction Contract are dedicated to satisfy obligations of the Contractor and the Surety under this Bond, subject to the Owner's priority to use the funds for the completion of the work.

9 The Surety shall not be liable to the Owner, Claimants or others for obligations of the Contractor that are unrelated to the Construction Contract. The Owner shall not be liable for payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligations to make payments to, give notices on behalf of, or otherwise have obligations to Claimants under this Bond.

10 The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.

11 No suit or action shall be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the location in which the work or part of the work is located or after the expiration of one year from the date (1) on which the Claimant gave the notice required by Subparagraph 4.1 or Clause 4.2.3, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract, whichever of (1) or (2) first occurs. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

12 Notice to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the signature page. Actual receipt of notice by Surety, the Owner or the Contractor, however accomplished, shall be sufficient compliance as of the date received at the address shown on the signature page.

13 When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. The intent is that this

Bond shall be construed as a statutory bond and not as a common law bond.

14 Upon request by any person or entity appearing to be a potential beneficiary of this Bond, the Contractor shall promptly furnish a copy of this Bond or shall permit a copy to be made.

15 DEFINITIONS

15.1 Claimant: An individual or entity having a direct contract with the Contractor or with a subcontractor of the Contractor to furnish labor, materials or equipment for use in the performance of the Contract. The intent of this Bond shall be to include without limitation in the terms "labor, materials or equipment" that part of water, gas, power, light, heat, oil, gasoline, telephone service or rental equipment used in the

Construction Contract, architectural and engineering services required for performance of the work of the Contractor and the Contractor's subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials or equipment were furnished.

15.2 Construction Contract: The agreement between the Owner and the Contractor identified on the signature page, including all Contract Documents and changes thereto.

15.3 Owner Default: Failure of the Owner, which has neither been remedied nor waived, to pay the Contractor as required by the Construction Contract or to perform and complete or comply with the other terms thereof.

MODIFICATIONS TO THIS BOND ARE AS FOLLOWS:

(Space is provided below for additional signatures of added parties, other than those appearing on the cover page.)

CONTRACTOR AS PRINCIPAL
Company:

(Corporate Seal)

SURETY
Company:

(Corporate Seal)

Signature: _____
Name and Title:
Address:

Signature: _____
Name and Title:
Address:

TRAVELERS**POWER OF ATTORNEY**

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company

Attorney-In Fact No.

230304

Certificate No. 007014799

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Charles F. Porter, Joshua T. Jones, Wesley H. McCubbins, and Elizabeth Cramer

of the City of Ridgeland, State of Mississippi, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 18th day of October, 2016.

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company



State of Connecticut
 City of Hartford ss.

By:

Robert L. Raney, Senior Vice President

On this the 18th day of October, 2016 before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
 My Commission expires the 30th day of June, 2021.



Marie C. Tetreault
 Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

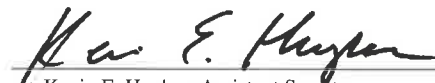
FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this _____ day of _____, 20 ____.


Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

NOTICE TO PROCEED

To: Warren Paving, Inc.
P.O. Box 572
Hattiesburg, MS 39403

Date:

Project: HIGHWAY 11 MEDICAL PARK
ACCESS ROADWAY MISSISSIPPI
DEVELOPMENT INFRASTRUCTURE
GRANT (DIP-363), CITY OF
HATTIESBURG, MISSISSIPPI

Your are hereby notified to commence WORK in accordance with the Agreement dated _____, 2017, on or before _____, 2017, and you are to complete the WORK within 90 consecutive calendar days thereafter. The date of completion of all WORK is therefore _____, 20 17.

Owner City of Hattiesburg, Mississippi

By _____

Title Mayor

ACCEPTANCE OF NOTICE

Receipt of above NOTICE TO PROCEED is hereby acknowledged by Warren Paving, Inc. this the _____ day of _____, 20 17.

By _____

Title _____

PART 3 CONDITIONS OF CONTRACT

GENERAL CONDITIONS

ARTICLE 1 DEFINITION OF TERMS

Whenever used in these General Conditions or in the other Contract Documents, the following terms shall have the meanings indicated, and shall be applicable to both the singular and plural thereof:

ADDENDUM. Written or graphic instructions issued prior to the opening of Bids which clarify, correct or change the bidding documents or the Contract Documents.

AGREEMENT. The written agreement between the OWNER and the CONTRACTOR, covering the work to be performed; other Contract Documents are attached to the Agreement and made a part thereof as provided herein.

APPLICATION FOR PAYMENT. The form accepted by the ENGINEER which is to be used by the CONTRACTOR in requesting progress or final payments and which is to include such supporting documentation as is required by the Contract Documents.

BID. The offer or proposal of the Bidder submitted on the prescribed form setting forth the prices for the work to be performed.

BIDDER. Any person, firm or corporation submitting a Bid for the work.

BONDS. Bid, performance, and payment bonds and other instruments of security, furnished by the CONTRACTOR and his surety in accordance with the Contract Documents.

CHANGE ORDER. A document recommended by ENGINEER, which is signed by the CONTRACTOR and OWNER and authorizes an addition, deletion or revision in the Work, or an adjustment in the Contract Price or the Contract Time, issued after the effective date of the Agreement.

CONTRACT DOCUMENTS. The Agreement, Specifications, Drawings, Addenda (whether or not issued prior to opening of bids or execution of the Agreement), Bonds, General Conditions, and Modifications.

CONTRACT PRICE. The total moneys payable by the OWNER to the CONTRACTOR under the Contract Documents as stated in the Agreement.

CONTRACT TIME. The number of calendar days stated in the Agreement for the completion of the Work.

CONTRACTOR. The person, firm or corporation with whom the OWNER has entered into the Agreement.

DRAWINGS. The drawings and plans which show the character and scope of the Work to be performed and which have been prepared or approved by the ENGINEER and are referred to in the Contract Documents.

ENGINEER. The person, firm or corporation named as such in the Agreement.

FIELD ORDER. A written order issued by the ENGINEER which clarifies or interprets the Contract Documents in accordance with Article 14.1 or orders minor changes in the Work in accordance with Article 20.2.

MODIFICATION. (a) A written amendment of the Contract Documents signed by both parties, (b) a Change Order, (c) a written clarification or interpretation issued by ENGINEER in accordance with Article 14.1 or (d) a written order for a minor change or alteration in the work issued by the ENGINEER pursuant to Article 20.2. A modification may only be issued after execution of the Agreement.

NOTICE OF AWARD. The written notice by OWNER to the apparent successful bidder stating that upon compliance by the apparent successful bidder with the conditions precedent enumerated therein, within the time specified, OWNER will sign and deliver the Agreement.

NOTICE TO PROCEED. A written notice given by OWNER to CONTRACTOR (with a copy to ENGINEER) fixing the date on which the Contract Time will commence to run and on which CONTRACTOR shall start to perform CONTRACTOR'S obligations under the Contract Documents.

OWNER. The public body or authority, corporation, association, partnership, or individual with whom CONTRACTOR has entered into the Agreement and for whom the Work is to be performed.

PROJECT. The entire construction to be performed as provided in the Contract Documents.

RESIDENT PROJECT REPRESENTATIVE. The authorized representative of the ENGINEER who is assigned to the Project or any parts thereof.

SHOP DRAWINGS. All drawings, diagrams, illustrations, brochures, schedules and other data which are prepared by the CONTRACTOR, a Subcontractor, manufacturer, supplier or distributor and which illustrate the equipment, material or some portion of the Work.

SPECIFICATIONS. Those portions of the Contract Documents consisting of written technical descriptions of materials, equipment, construction systems, standards and workmanship as applied to the Work and certain administrative details applicable thereto.

SUBCONTRACTOR. An individual, firm or corporation having a direct contract with the CONTRACTOR or with any other Subcontractor for the performance of a part of the Work at the site.

SUBSTANTIAL COMPLETION. The date as certified by the ENGINEER when the construction of the Project or a specified part thereof is sufficiently complete, in accordance with the Contract Documents, so that the Project or specified part can be utilized for the purposes for which it was intended; or if there can be no such certification, the date when final payment is due.

SUPERINTENDENT. Contractor's representative.

WORK. Any and all obligations, duties, and responsibilities necessary to the successful completion of the Project assigned to or undertaken by the CONTRACTOR under the Contract Documents, usually including the furnishing of all labor, materials, equipment, and other incidentals.

ARTICLE 2 - AWARD, EXECUTION OF DOCUMENTS, DELIVERY OF BONDS

- 2.1 THE AWARD OF THE CONTRACT, if it is awarded, will be to the lowest responsible Bidder whose qualifications indicate that the award will be in the best interest of the OWNER and whose proposal complies with all the prescribed requirements. No award will be made until the OWNER has concluded such investigations as he deems necessary to establish the responsibility, qualifications and financial ability of the Bidders to do the Work in accordance with the Contract Documents to the satisfaction of the OWNER within the time prescribed. The OWNER reserves the right to reject the Bid of any Bidder who does not meet such qualifications to the OWNER'S satisfaction. In analyzing Bids, the OWNER may take into consideration alternatives and unit prices, if requested by the Bid forms. If the contract is awarded, the OWNER shall give the successful Bidder written notice of the award within thirty days after the opening of the Bids.
- 2.2 At least three counterparts, of the Agreement and of such other Contract Documents as practicable shall be signed by the OWNER and the CONTRACTOR. The OWNER shall identify those portions of the Contract Documents not to be signed and such identification shall be binding on both the Owner and the CONTRACTOR shall each receive an executed counterpart of the Contract Documents.
- 2.3 Simultaneously with the execution of the Agreement, the CONTRACTOR shall deliver to the OWNER the required Bonds.
- 2.4 Failure of the successful Bidder to execute the Agreement and deliver the required Bonds within ten days of the Notice of Award shall be just cause for the OWNER to annul the award and declare the Bid and any guarantee thereof forfeited.

**ARTICLE 3 - PROGRESS AND SUBMISSION SCHEDULES; PRECONSTRUCTION
CONFERENCE; TIME FOR STARTING THE WORK**

- 3.1 Within ten days after execution of the Agreement, the CONTRACTOR shall submit to the ENGINEER for approval, an estimated progress schedule indicating the starting and completion dates of the various stages of the Work, and a schedule of Shop Drawing submissions. At least ten days prior to submitting the first Application for Payment he shall also submit a schedule of values as required by Article 26.1.
- 3.2 Before starting the Work, a conference will be held to review the above plans and schedules, to establish procedures for handling Shop Drawings and other submissions; for processing Applications for Payment; and to establish a working understanding between parties as to the conduct of the Project. Present at the conference will be the OWNER, the ENGINEER, the resident PROJECT REPRESENTATIVE, the CONTRACTOR and the Superintendent.
- 3.3 Prior to starting the Work the Contractor shall furnish the OWNER and ENGINEER certificates of insurance as indicated in Article 32.
- 3.4 The CONTRACTOR shall start the Work within ten days of the date on which the Agreement is executed and delivered or on such other date, as may be specified in the Agreement. However, at the time of the execution and delivery of the Agreement the ENGINEER may give the CONTRACTOR a written notice to proceed, stating a different date on which it is expected that the CONTRACTOR will start Work, but such date shall not be more than thirty days after the date of execution and delivery of the Agreement.
- 3.5 The Contract Time shall commence on the date the work is to start as provided in Article 3.4 unless work begins at an earlier date.

**ARTICLE 4 - CORRELATION, INTERPRETATION AND INTENT OF CONTRACT
DOCUMENTS**

- 4.1 It is the intent of the Specifications and Drawings to describe the complete Project to be constructed in accordance with the Contract Documents. The Contract Documents comprise the entire Agreement between the OWNER and the CONTRACTOR. They may be altered only by a Modification.
- 4.2 The Contract Documents are complementary: what is called for by one is as binding as if called for by all. If the CONTRACTOR finds a conflict, error or discrepancy in the Contract Documents, he shall call it to the Owner's and Engineer's attention in writing before proceeding with the Work affected thereby. In resolving such conflicts, errors and discrepancies, the documents shall be given precedence in the following order: Agreement, Specifications, Drawings. Within the Specifications the order of precedence shall be as follows: Special Conditions, Instructions to Bidders, General Conditions, Technical

Provisions. Figure dimensions on Drawings shall govern over scale dimensions, and detailed Drawings shall govern over general Drawings. Any work that may reasonably be inferred from the Specifications or Drawings as being required to produce the intended result shall be supplied whether or not it is specifically called for. Work, materials or equipment described in words which when so applied have a well-known technical or trade meaning shall be deemed to refer to such recognized standards. The CONTRACTOR assumes full responsibility for having familiarized himself with the nature and extent of the Contract Documents, Work, locality, and local conditions that may in any manner affect the Work to be done.

ARTICLE 5 - OWNERSHIP AND COPIES OF DOCUMENTS; RECORD DOCUMENTS

- 5.1 All specifications, Drawings and copies thereof furnished by the ENGINEER shall remain his property. They shall not be used on another Project, and with the exception of those sets which have been furnished in connection with the execution of the Agreement, shall be returned to him on request upon completion of the Project.
- 5.2 The ENGINEER shall furnish to the CONTRACTOR up to three copies of the Specifications and Drawings as are reasonably necessary for the execution of the Work. Additional copies will be furnished, upon request, at the cost of reproduction.
- 5.3 The CONTRACTOR shall keep one record copy of all Specifications, Drawings, Addenda, Modifications, and Shop Drawings at the site in good order and annotated to show all changes made during the construction process. These shall be available to the ENGINEER and shall be delivered to him for the OWNER upon completion of the Project.

ARTICLE 6 - WORK BY OTHERS

- 6.1 The OWNER may perform additional work related to the Project by himself, or he may let other direct contracts thereof which shall contain General Conditions similar to these. The CONTRACTOR shall afford the other contractors who are parties to such direct contracts (or the owner, if he is performing the additional work himself), reasonable opportunity for the introduction and storage of materials and equipment and the execution of work, and properly connect and coordinate his Work with theirs.
- 6.2 If any part of the CONTRACTOR'S Work depends for proper execution or results upon the work of any other contractor or the OWNER, the CONTRACTOR shall inspect and promptly report to the ENGINEER in writing any defects or deficiencies in such work that render it unsuitable for proper execution and results. His failure to so report shall constitute an acceptance of the work as fit and proper for the relationship of his Work except as to defects and deficiencies which may appear in the other work after the execution of his work.

- 6.3 The CONTRACTOR shall do all cutting, fitting and patching of his Work that may be required to make its several parts come together properly and fit to receive or be received by such other work. The CONTRACTOR shall not endanger any work of others by cutting, excavating or otherwise altering their work and will only cut or alter their work with the written consent of the ENGINEER.
- 6.4 If the performance of additional work by other contractors or the OWNER is not noted in the Contract Documents prior to the award of the contract, written notice thereof shall be given to the CONTRACTOR prior to starting any such additional work by the OWNER. If the Contractor believes that the performance of such additional work by the Owner or others involves him in additional expense or entitles him to an extension of the Contract Time, he may make a claim therefor as provided in Article 21 and 23.

ARTICLE 7 - SUBCONTRACTS

- 7.1 Prior to the execution and delivery of the Agreement, the successful Bidder will submit to the OWNER or ENGINEER for acceptance a list of the names of Subcontractors and such other persons and organizations deemed appropriate by the Owner or Engineer. Prior to the execution and delivery of the Agreement, the OWNER or ENGINEER shall notify the successful bidder in writing in writing if the OWNER or ENGINEER, after due investigation, has reasonable objection to any Subcontractor person or organization on such list. The failure of the OWNER or ENGINEER to make objection to any Subcontractor, person or organization on the list prior to the execution and delivery of the Agreement shall constitute an acceptance of such Subcontractor, person or organization. Acceptance of any such Subcontractor, person or organization shall not constitute a waiver of any right of the OWNER or ENGINEER to reject defective Work, material or equipment not in conformance with the requirements of the Contract Documents.
- 7.2 The CONTRACTOR shall not employ any Subcontractor (whether initially or as a substitute) against whom the OWNER or ENGINEER may have reasonable objection, nor shall the CONTRACTOR be required to employ any Subcontractor against whom he has reasonable objection. The CONTRACTOR shall not make any substitution for any Subcontractor who has been accepted by the OWNER or ENGINEER unless the OWNER or ENGINEER determines that there is good cause for doing so.
- 7.3 The CONTRACTOR shall be fully responsible for all acts and omissions of his Subcontractor and of persons directly or indirectly employed by them and of persons for whose acts any of them may be liable to the same extent that he is responsible for the acts and omissions of persons directly employed by him. Nothing in the Contract Documents shall create any contractual relationship between any Subcontractor and OWNER or any obligation on the part of the OWNER to pay or to see to the payment of any Moneys due any Subcontractor, except as may otherwise be required by law. The OWNER may furnish to any Subcontractor, to the extent practicable, evidence of amounts paid to the CONTRACTOR on accounts of specific work done in accordance with the schedule of values.

- 7.4 The divisions and sections of the Specifications and the identifications of any drawings shall not control the Contractor in dividing the Work among Subcontractors or delineating the Work to be performed by any trade.
- 7.5 The CONTRACTOR agrees to specifically bind every Subcontractor to all of the applicable terms and conditions of the Contract Documents. Every Subcontractor, by undertaking to perform any of the Work, shall thereby automatically be deemed bound by such terms and conditions.
- 7.6 All Work performed for the CONTRACTOR by a Subcontractor shall be pursuant to an appropriate agreement between the CONTRACTOR and the Subcontractor.

ARTICLE 8 - MATERIALS, EQUIPMENT AND LABOR: SUBSTITUTE MATERIAL AND EQUIPMENT

- 8.1 The CONTRACTOR shall provide and pay for materials, equipment, labor, transportation, construction equipment, and machinery, tools, appliances, fuel, power, light, heat, telephone, water and sanitary facilities and all other facilities and incidentals necessary for the execution, testing, initial operation and completion of the Work.
- 8.2 All materials and equipment furnished under the contract shall be new. If required by the OWNER or ENGINEER, the CONTRACTOR will furnish satisfactory evidence as to the kind and quality of materials and equipment.
- 8.3 Except for items where no substitution is clearly specified, whenever any material, article, device, product fixture, form, type of construction, or process is indicated or specified by patent or proprietary name, by name of manufacturer, or by catalog number, such specifications shall be deemed to be used for the purpose of establishing a standard of quality and facilitating a description of the material or process desired. This procedure is not to be construed as eliminating from competition other products of equal or better quality by other manufacturers where fully suitable in design, and shall be deemed to be followed by the words "Or Equal". The Contractor may, in such cases, submit complete comparative data to the Engineer for consideration of another material, type, or process which shall be substantially equal in every respect to that so indicated or specified. Materials or equipment covered by this Article shall not be ordered, delivered to the site, or used in the work unless approved in writing. The Engineer will be the sole judge of the equivalency of proposed material or equipment.

Requests for review of equivalency will not be accepted from anyone except the Contractor. Whenever, it is indicated in the Drawings or Specifications that a substitute or "or equal" may be furnished or used by the Contractor, if acceptable to the Engineer. Application for such acceptance will not be considered by Engineer until after the effective date of the Agreement.

Responsibility for the adequacy and performance of an "Or Equal" substitution lies solely with the Contractor. All requests from the Contractor for consideration of an "Or Equal" substitution shall clearly state any deviation for the Contract and all guarantee details.

When an "Or Equal" substitution is accepted, and it is found that such substitution alters the design or space requirements indicated on the Drawings, the Contractor shall be responsible for the costs involved to revise the design and construction, including the costs associated with the work of other contractors due to such substitution.

ARTICLE 9 - PATENT FEES AND ROYALTIES

The CONTRACTOR shall pay all license fees and royalties and assume all costs incidental to the use of any invention, design, process or device which is the subject of patent rights or copyrights held by others. He shall indemnify and hold harmless the OWNER and ENGINEER and anyone directly or indirectly employed by them from and against all claims, damages, losses, and expenses (including attorneys' fees) arising out of any infringement of such rights during or after completion of the Work, and shall defend all such claims in connection with any alleged infringement of such rights.

ARTICLE 10 - PERMITS, LAWS, TAXES AND REGULATIONS

- 10.1 The CONTRACTOR shall give all notices and comply with all laws, ordinances, rules, and regulations applicable to the Work. If the CONTRACTOR observes that the Specifications or Drawings are at variance therewith, he shall give the ENGINEER prompt written notice thereof, and any necessary changes shall be adjusted by an appropriate Modification. If the CONTRACTOR performs any Work knowing it to be contrary to such laws, ordinances rules, and regulations, and without such notice to the ENGINEER, he shall bear all costs arising therefrom.
- 10.2 The CONTRACTOR shall pay all sales, consumer, use and other similar taxes required by the law of the place where the Work is to be performed.

ARTICLE 11 - AVAILABILITY OF LANDS; PHYSICAL AND SUBSURFACE CONDITIONS; REFERENCE POINTS

- 11.1 The OWNER shall provide, as indicated in the Contract Documents and not later than the date when needed by the CONTRACTOR, the lands upon which the Work is to be done, rights-of-way for access thereto, and such other lands which are designated for the use of the CONTRACTOR. Easements for permanent structures or permanent changes in existing facilities will be secured and paid for by the OWNER, unless otherwise specified in the Contract Documents. If the CONTRACTOR believes that any delay in the OWNER'S furnishing these lands or providing such easements entitles him to an extension of the Contract Time, he may make a claim therefore as provided in Article 23. The

CONTRACTOR shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.

- 11.2 The OWNER shall furnish to the CONTRACTOR copies of all available boundary surveys and subsurface tests and other appropriate data that he may possess.
- 11.3 The CONTRACTOR shall promptly notify the OWNER or ENGINEER in writing of any subsurface or latent physical conditions at the site differing materially from those indicated in the Contract Documents. The ENGINEER shall promptly investigate those conditions and advise the OWNER in writing if further surveys or subsurface tests are necessary. Promptly thereafter, the OWNER shall obtain the necessary additional surveys and test and furnish copies to the CONTRACTOR. If the OWNER finds that the results of such surveys or test indicate subsurface or latent physical conditions differing significantly from those indicated in the Contract Documents, a Change Order shall be issued incorporating the necessary revisions.
- 11.4 REFERENCE POINTS. OWNER shall provide engineering surveys to establish reference points for construction which in ENGINEER'S judgment are necessary to enable CONTRACTOR to proceed with the Work. CONTRACTOR shall be responsible for laying out the Work (unless otherwise specified in the General Requirements), shall protect and preserve the established reference points and shall make no changes or relocations without the prior written approval of OWNER. CONTRACTOR shall report to ENGINEER whenever any reference point is lost or destroyed or requires relocation because of necessary changes in grades or locations, and shall be responsible for the accurate replacement or relocation of such reference points by professionally qualified personnel.

ARTICLE 12 - USE OF PREMISES

- 12.1 The CONTRACTOR shall confine his equipment, storage of materials and equipment, and the operations of his employees to areas permitted by law, ordinances, permits or the requirements of the Contract Documents, and shall not unreasonably encumber the premises with materials or equipment.
- 12.2 The CONTRACTOR shall not load or permit any part of the structure to be loaded with weights that will endanger the structure, nor shall he subject any part of the Work to stress or pressures that will endanger it.

- 12.3 The OWNER at any time may request the CONTRACTOR, in writing, to permit the OWNER to use any part of the work which the OWNER may require and which may be used without significant interference with construction of the other parts of the work. Within a reasonable time thereafter, the OWNER, the CONTRACTOR, and the ENGINEER shall make an inspection of that part of the work to determine its status of completion. If the ENGINEER does not consider that part of the work to be substantially complete, the ENGINEER will notify the OWNER and the CONTRACTOR in writing, giving his reasons therefor. If the ENGINEER considers that part of the work is substantially complete, the ENGINEER will execute and deliver to the OWNER and the CONTRACTOR a Certificate of Substantial Completion for that part of the work.

In lieu of the issuance of a Certificate of Substantial Completion, the OWNER may occupy and operate a facility constituting part of the work, whether or not it is substantially complete, if such facility is functionally and separately usable; provided that prior to any such takeover, the OWNER and the CONTRACTOR have agreed as to the division of responsibilities between the OWNER and the CONTRACTOR for security, operation, safety, maintenance, correction period, heat, utilities, and insurance with respect to such facility.

Such use shall not be considered as final acceptance of any portion of the work, nor shall such use be considered as cause for an extension of the Contract completion time, unless authorized by a Change Order issued by the OWNER.

ARTICLE 13 - OWNER'S STATUS DURING CONSTRUCTION

- 13.1 The OWNER and the CONTRACTOR are those persons or organizations identified as such in the Agreement and are referred to throughout the Contract Documents as if singular in number and masculine in gender.
- 13.2 The ENGINEER shall be the OWNER'S representative during the construction period. All instructions of the OWNER to the CONTRACTOR shall be issued through the ENGINEER. The duties and responsibilities and the limitations of authority of the ENGINEER as the OWNER'S representative during construction are set forth in Articles 1 through 42 of these General Conditions and shall not be extended without written consent of the OWNER.
- 13.3 The ENGINEER or his representative shall make periodic visits to the site to observe the progress and quality of the executed Work and to determine, in general, if the Work is proceeding in accordance with the Contract Documents. He shall not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of the Work nor will he be responsible for the construction means, methods, techniques, sequences or procedures, or the safety precautions incidental thereto. His efforts shall be directed toward providing assurance for the OWNER that the completed Project will conform to the requirements of the Contract Documents, but he shall not be responsible for the

CONTRACTOR'S failure to perform the Work in accordance with the Contract Documents. On the basis of his on-site observations as an experienced and qualified professional, he shall keep the OWNER informed of the progress of the work and shall endeavor to guard the OWNER against defects and deficiencies in the Work of contractors.

- 13.4 The OWNER or ENGINEER shall have authority to disapprove of or reject Work which is defective; i.e., it is unsatisfactory, faulty or defective, or does not conform to the requirements of the Contract Documents or does not meet the requirements of any inspection, test or approval procedure referred to in Article 16.1. He shall also have authority to require special inspection or testing of the Work as provided in Article 19.3, whether or not the Work is fabricated, installed or completed.
- 13.5 If the OWNER and ENGINEER agree, ENGINEER shall provide Resident Project Representatives to assist the ENGINEER in observing the performance of the work. The duties, responsibilities and limitations of authority of any such Resident Project Representative shall be set forth in an exhibit to be incorporated in the Contract Documents. In the event that his duties and responsibilities are not set forth in the Contract Documents, they shall be as specified herein for the OWNER.
- 13.6 Neither the ENGINEER'S authority to act under this Article nor any decision made by him in good faith either to exercise or not exercise such authority shall give rise to any duty or responsibility of the OWNER to the CONTRACTOR, any Subcontractor, any of their agents or employees or any other person performing any of the work.

ARTICLE 14 - ENGINEER'S INTERPRETATIONS AND DECISIONS

- 14.1 The ENGINEER shall issue with reasonable promptness such written clarifications or interpretations (in the form of drawings or otherwise) as he may deem necessary for the proper execution of the Work, such clarifications and interpretations to be consistent with or reasonably inferable from the overall intent of the Contract Documents. If the CONTRACTOR believes that a written clarification and interpretation entitles him to an increase in the Contract Price, he may make a claim therefor as provided in Article 21.
- 14.2 The ENGINEER shall be the initial interpreter of the terms and conditions of the Contract Documents and the judge of the performance thereunder. In his capacity as interpreter and judge he will exercise his best efforts to insure faithful performance by both the OWNER and the CONTRACTOR. He will not show partiality to either and shall not be liable for the result of any interpretation or decision rendered in good faith. Claims, disputes, and other matters relating to the execution and progress of the work or the interpretation thereof or performance under the Contract Documents shall be referred initially to the OWNER for decision, which he shall render in writing within a reasonable time.

ARTICLE 15 - SHOP DRAWINGS AND SAMPLES

- 15.1 After checking and verifying all field measurements, the CONTRACTOR shall submit to the ENGINEER for approval, in accordance with the accepted schedule of Shop Drawings submissions, five copies of all Shop Drawings, which shall have been checked by and stamped with the approval of the CONTRACTOR and identified as the ENGINEER may require. The data shown on the Shop Drawings shall be complete with respect to dimensions, design criteria, materials of construction, and the like to enable the ENGINEER to review the information as required.
- 15.2 The CONTRACTOR shall also submit to the ENGINEER for approval, with such promptness as to cause no delay in the Work, all samples required by the Contract Documents. All samples shall have been checked by and stamped with the approval of the CONTRACTOR, identified clearly as to material, manufacturer, pertinent catalog numbers, and the use for which intended.
- 15.3 At the time of each submission, the CONTRACTOR shall, in writing, call the ENGINEER'S attention to any deviations that the Shop Drawings or sample may have from the requirements of the Contract Documents.
- 15.4 The ENGINEER shall check and approve with reasonable promptness Shop Drawings and samples, but his checking and approval shall be only for conformance with the design concept of the Project and for compliance with the information given in the Contract Documents. The approval of a separate item, as such, will not indicate approval of the assembly in which the item functions. The CONTRACTOR shall make any corrections required by the ENGINEER and shall return the required number of corrected copies of Shop Drawings and resubmit new samples until approved. The CONTRACTOR shall direct specific attention in writing or on resubmitted Shop Drawings to revisions other than those called for by the ENGINEER on previous submissions.
- 15.5 No work requiring a Shop Drawing or sample submission shall be commenced until the submission has been approved by the ENGINEER.
- 15.6 The ENGINEER'S approval of Shop Drawings or samples shall not relieve the CONTRACTOR from his responsibility for any deviations from the requirements of the Contract Documents unless the CONTRACTOR has in writing called the ENGINEER'S attention to such deviations at the time of submission and the ENGINEER has given written approval to the specific deviation, nor shall any approval by the ENGINEER relieve the CONTRACTOR from responsibility for errors or omissions in the Shop Drawings.

ARTICLE 16 - TESTS AND INSPECTIONS

- 16.1 If the Contract Documents, laws, ordinances, rules, regulations or orders of any public authority having jurisdiction require any Work to specifically be inspected, tested, or approved by someone other than the CONTRACTOR, the CONTRACTOR shall give the ENGINEER timely notice of readiness therefor. The CONTRACTOR shall furnish the ENGINEER the required certificates of inspection, testing or approval. All such tests, will be in accordance with the methods prescribed by the American Society for Testing and Materials or such other applicable organization as may be required by law or the Contract Documents. If any such Work required so to be inspected, tested or approved is covered up without written approval or consent of the ENGINEER, it must, if directed by the ENGINEER, be uncovered for observation at the CONTRACTOR'S expense. The cost of all such inspections, tests and approvals shall be borne by the CONTRACTOR unless otherwise provided.
- 16.2 Any Work which fails to meet the requirements of any such test, inspection or approval and any Work which meets the requirements of any such test or approval but does not meet the requirements of the Contract Documents shall be considered defective. Such defective Work may be rejected, corrected or accepted as provided in Article 25.
- 16.3 Neither observations by the ENGINEER, or inspections, tests or approvals by persons other than the CONTRACTOR shall relieve the CONTRACTOR from his obligations to perform the Work in accordance with the requirements of the Contract Documents.

ARTICLE 17 - CONTRACTOR'S SUPERVISION AND SUPERINTENDENCE

- 17.1 The CONTRACTOR shall supervise and direct the Work efficiently and with his best skill and attention. He shall be solely responsible for the means, methods, techniques, sequences, and procedures of construction. Before undertaking the Work he shall carefully study and compare the Contract Documents and check and verify all figures shown thereon and all field measurements. He shall at once report in writing to the ENGINEER any conflict, error or discrepancy which he may discover. The CONTRACTOR shall be responsible to see that the finished Work complies accurately with the Contract Documents.
- 17.2 The CONTRACTOR shall keep on the Work at all times during its progress a resident superintendent satisfactory to the OWNER and ENGINEER. The superintendent will be the CONTRACTOR'S representative at the site and shall have the authority to act on behalf of the CONTRACTOR. All communications given to the superintendent shall be as binding as if given to the CONTRACTOR.
- 17.3 The CONTRACTOR shall provide competent, suitable qualified personnel to survey and layout the Work and perform construction as required by the Contract Documents. He will at all times maintain good discipline and order among his employees at the site.

- 17.4 The OWNER and ENGINEER shall not be responsible for the acts or omissions of the CONTRACTOR, or any Subcontractors, or any of his or their agents or employees, or any other persons performing any of the Work.

ARTICLE 18 - SAFETY AND PROTECTION; EMERGENCIES

- 18.1 The CONTRACTOR shall be responsible for initially, maintaining and supervising all safety precautions and programs in connection with the Work. He shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury, or loss to:
- 18.1.1 All employees on the Work and other persons who may be affected thereby.
- 18.1.2 All the Work and all materials or equipment to be incorporated therein, whether in storage on or off the site, and,
- 18.1.3 Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.

The CONTRACTOR shall comply with all applicable laws, ordinances, rules, regulations and orders of any public body having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss. He shall erect and maintain, as required by the conditions and progress of the Work, all necessary safeguards for safety and protection, including posting danger signs and other warnings against hazards and promulgating safety regulations. He shall notify owners of adjacent utilities when prosecution of the Work may affect them. When the use of explosives or other hazardous materials is necessary for the prosecution of the Work, the CONTRACTOR shall exercise the utmost care and shall carry on such activities under the supervision of properly qualified personnel. All damage, injury or loss to any property referred to in Article 18.1.2 or 18.1.3 caused, directly or indirectly, in whole or in part, by the CONTRACTOR, a Subcontractor or anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, shall be remedied by the CONTRACTOR, except damage or loss attributable to the fault of drawings or specifications or to the acts or omissions of the OWNER or any one employed by either of them or for whose acts either of them may be liable, and not attributable to the fault or negligence of the CONTRACTOR.

- 18.2 The CONTRACTOR shall designate a responsible member of his organization at the site whose duty shall be the prevention of accidents. This person shall be the CONTRACTOR'S superintendent unless otherwise designated in writing by the CONTRACTOR to the OWNER or ENGINEER.

- 18.3 In emergencies affecting the safety of persons or the Work on property at the site of adjacent thereto, the CONTRACTOR, without special instruction or authorization from the OWNER or ENGINEER, is obligated to act, at his discretion, to prevent threatened damage, injury or loss.

ARTICLE 19 - ACCESS TO THE WORK; UNCOVERING FINISHED WORK

- 19.1 The OWNER and ENGINEER and their representatives shall at all times have access to the Work. The CONTRACTOR shall provide proper facilities for such access and observation of the Work and also for any inspection, or testing thereof by others.
- 19.2 If any Work is covered contrary to the request of the ENGINEER, it must, if requested by the ENGINEER, be uncovered for his observation and replaced at the CONTRACTOR'S expense.
- 19.3 If any work has been covered which the ENGINEER has not specifically requested to observe prior to its being covered, or if the ENGINEER considers it necessary or advisable that covered Work be inspected or tested by others, the CONTRACTOR, at the Engineer's request, will uncover, expose or otherwise make available for observation, inspection or testing as the Engineer may require, that portion of the Work in question, furnishing all necessary labor, material and equipment. If it is found that such work is defective or does not meet requirements of the CONTRACT DOCUMENTS the CONTRACTOR will bear all the expenses of such uncovering, exposure, observation, inspection, and testing and of satisfactory reconstruction, including compensation for additional professional services, and an appropriate Change Order shall be issued deducting all such costs from the Contract Price.

ARTICLE 20 - CHANGES IN THE WORK

- 20.1 Without invalidating the Agreement, the Owner may, at any time or from time to time, order additions, deletions, or revisions in the Work; these will be authorized by Change Orders. Upon receipt of a Change Order the CONTRACTOR will proceed with the Work involved. All such Work shall be executed under applicable conditions of the Contract Documents. If any Change Order causes an increase or decrease in the Contract Price or an extension or shortening of the Contract Time, an equitable adjustment shall be made as provided in Article 21 or Article 23.
- 20.2 The OWNER may authorize minor changes or alterations in the Work not involving extra cost and not inconsistent with the overall intent of the Contract Documents. These may be accomplished by a Field Order. If the CONTRACTOR believes that any minor change or alteration authorized by the OWNER entitles him to an increase in the Contract Price, he may make a claim therefor as provided in Article 21.

- 20.3 Additional work performed by the CONTRACTOR without authorization of a Change Order shall not entitle him to an increase in the Contract Price or an extension of the Contract Time.
- 20.4 The OWNER shall execute any appropriate Change Order prepared by the ENGINEER covering changes in the Work to be performed as provided in Article 11.3 and any other claim of the CONTRACTOR for a change in the Contract Time or the Contract Price which is approved by the ENGINEER.
- 20.5 It is the CONTRACTOR'S responsibility to notify his surety of any changes affecting the general scope of Work or change in the Contract Price and the amount of the applicable Bonds shall be adjusted accordingly. The CONTRACTOR will furnish proof of such adjustment to the OWNER.

ARTICLE 21 - CHANGE OF CONTRACT PRICE

- 21.1 The Contract Price constitutes the total compensation payable to the CONTRACTOR for performing the Work. All duties, responsibilities, and obligations assigned to or undertaken by the CONTRACTOR shall be at his expense without change in the Contract Price.
- 21.2 The Contract Price may only be changed by a Change Order. If the CONTRACTOR is entitled by the Contract Documents to make a claim for an increase in the Contract Price, his claim shall be in writing and delivered to the OWNER within fifteen days of the occurrence of the event giving rise to the claim. All claims for adjustments in the Contract Price shall be determined by the ENGINEER if involved. Any change in the Contract Price resulting from any such claim shall be incorporated in a Change Order.
- 21.3 The value of any Work covered by a Change Order or of any claim for an increase or decrease in the Contract Price shall be determined in one of the following ways:
- 21.3.1 where the Work involved is covered by unit prices contained in the Contract Documents, by application of unit prices to the quantities of the items involved.
- 21.3.2 by mutual acceptance of a lump sum.
- 21.3.3 by cost and a mutually acceptable fixed amount for overhead and profit.
- 21.3.4 if none of the above methods is agreed upon, the value shall be determined by the Owner on the basis of costs and a percentage for overhead and profit. Costs shall only include labor (payroll, payroll taxes, fringe benefits, workman's compensation, etc.), materials, equipment, and other incidentals directly related to the Work involved. The maximum percentage which shall be allowed for the CONTRACTOR'S combined overhead and profit, shall be as follows:

21.3.4.1 for all such Work done by his own organization, the CONTRACTOR may add up to twenty-five percent of his actual net increase in cost, and 21.3.4.2 for all such Work done by Subcontractors, each Subcontractor may add up to fifteen percent of his actual net increase in costs for combined overhead and profit and the CONTRACTOR may add up to ten percent of the Subcontractor's total for his combined overhead and profit; provided that no overhead or profit shall be allowed on costs incurred in connection with premiums for public liability insurance or other special insurance directly related to such work. In such case and also under Article 21.3.3. the CONTRACTOR shall submit in form prescribed by the OWNER an itemized cost breakdown together with supporting data.

ARTICLE 22 - CASH ALLOWANCES

The CONTRACTOR shall include in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be done by such suppliers or Subcontractors and for such sums within the limit of the allowances that the OWNERS may approve. Upon final payment, the Contract Price shall be decreased as required and an appropriate Change Order issued. The CONTRACTOR agrees that the original Contract Price includes such sums as he deems proper for costs and profit on account of cash allowances. No demand for additional cost or profit in connection therewith will be allowed.

ARTICLE 23 - CHANGE OF CONTRACT TIME

- 23.1 The contract time may only be changed by a Change Order. If the CONTRACTOR is entitled by the Contract Documents to make a claim for an extension in the Contract Time, his claim shall be in writing delivered to the OWNER within ten days of the occurrence to the claims. All claims for adjustment in the Contract Time shall be determined by the ENGINEER if the OWNER and the CONTRACTOR cannot otherwise agree. Any change in the Contract Time resulting from any such claim shall be incorporated in a Change Order.
- 23.2 The Contract Time shall be extended in an amount equal to time lost due to delays beyond the control of the CONTRACTOR if he makes a claim therefor as provided in Article 23.1. Such delays shall include, but not be restricted to, acts of neglect by any separate contractor employed by the OWNER, fires, floods, labor disputes, epidemics, abnormal weather conditions, or so called ACTS OF GOD.

ARTICLE 24 - NEGLECTED WORK

If the CONTRACTOR should neglect to prosecute the Work in accordance with the Contract Documents, including any requirements of the progress schedule, the OWNER, after ten day written notice to the CONTRACTOR may, without prejudice to any other other remedy he may have, make good such deficiencies and the cost thereof (including compensation for additional professional services) shall be charged against the CONTRACTOR if the OWNER approves such action. In this event a Change Order shall be issued incorporating the necessary revisions in the Contract Documents including an appropriate reduction in the Contract Price. If the payments then or thereafter due the CONTRACTOR are not sufficient to cover such amount, the CONTRACTOR will pay the difference to the OWNER.

ARTICLE 25 - WARRANTY AND GUARANTEE; CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK

- 25.1 The CONTRACTOR warrants and guarantees to the OWNER that all materials and equipment shall be new unless otherwise specified and that all Work shall be of good quality and free from faults or defects and in accordance with the requirements of the Contract Documents and of any inspections, tests, or approvals referred to in Article 16.2. All unsatisfactory work, all faulty or defective work and all work not conforming to the requirements of the Contract Documents or of such inspections, tests, or approvals shall be considered defective. Prompt notice of all defects shall be given to the CONTRACTOR. All defective work, whether or not in place, may be rejected.
- 25.2 If required by the OWNER prior to approval of final payment, the CONTRACTOR shall promptly, without cost to the OWNER either correct any defective Work, whether or not fabricated, installed or completed, or if the Work has been rejected by the OWNER, remove it from the site and replace it with non-defective work. If the CONTRACTOR does not correct such defective Work or remove and replace such rejected Work within a reasonable time, as required by written notice from the ENGINEER, the OWNER may have the deficiency corrected or the rejected Work removed and replaced. All direct or indirect costs of such correction or removal and replacement, including compensation for additional professional services shall be paid by the CONTRACTOR, and an appropriate Change Order shall be issued deducting all such costs from the Contract Price. The CONTRACTOR shall also bear the expense of making good all work of others destroyed or damaged by the correction, removal or replacement of his defective Work.
- 25.3 If, after the approval of final payment and prior to the expiration of one year after the date of Substantial Completion or such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract Documents, any work is found to be defective, the CONTRACTOR shall, promptly and without cost to the OWNER, and in accordance with the OWNER'S written instructions, either correct such defective Work, or if it has been rejected by the OWNER, remove it from site and replace it with non-defective Work. If the CONTRACTOR does not promptly comply with the

terms of such instructions, the Owner may have the defective work corrected or the rejected work removed and replaced, and all direct and indirect costs of such removal and replacement, including compensation for additional professional services, shall be paid by the CONTRACTOR.

ARTICLE 26 - APPLICATION FOR PROGRESS PAYMENTS

- 26.1 At least ten days prior to submitting the first Application for a progress payment, the CONTRACTOR shall submit a schedule of values of the Work including quantities and unit prices aggregating the Contract Price. This schedule shall be satisfactory in form and substance to the ENGINEER and shall subdivide the Work into component parts in sufficient detail to serve as the basis for progress payments during construction. Upon approval of the schedule of values by the ENGINEER it shall be incorporated into the form of an Application for Payment approved by the ENGINEER.
- 26.2 At least ten days before each progress payment falls due (but not more often than once a month), the CONTRACTOR shall submit to the ENGINEER for review the Application for Payment filled out and signed by the CONTRACTOR covering the Work completed as of the date of the Application and supported by such data as the ENGINEER may reasonably require. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the site or at another location agreed to in writing, the Application for Payment shall also be accompanied by such supporting data, satisfactory to the OWNER as will establish the OWNER'S title to the material and equipment and protect his interests therein, including applicable insurance.
- 26.3 The CONTRACTOR warrants and guarantees that title to all Work, materials and equipment covered by an Application for Payment, whether incorporated in the Project or not, shall have passed to the OWNER prior to the making of the Application for Payment, free and clear of all liens, claims, security interests and encumbrances (hereafter in the General Conditions referred to as "Liens"); and that no Work, materials or equipment covered by an Application for Payment shall have been acquired by the CONTRACTOR or any other person performing the Work at the site or furnishing materials and equipment for the Project, subject to an agreement under which an interest therein or encumbrance thereon is retained by the seller or otherwise imposed by the CONTRACTOR or such other person.
- 26.4 The ENGINEER shall, within ten days after receipt of each Application for Payment, either indicate in writing his approval of payment and present the Application to the OWNER, or return the Application to the CONTRACTOR indicating in writing his reasons for refusing to approve payment. In the latter case, the CONTRACTOR may make the necessary corrections and resubmit the Application.

ARTICLE 27 - APPROVAL OF PAYMENTS

- 27.1 The ENGINEER'S approval of payment requested in application for Payment shall constitute a representation by him to the OWNER, based on the ENGINEER'S on-site observations of the Work in progress as an experienced and qualified design professional on his review of the Application for Payment and the supporting data, that the Work has progressed to the point indicated; that, to the best of his knowledge, information and belief, the quality of the Work is in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning Project upon Substantial Completion, and to the results of any subsequent tests called for in the Contract Documents and any qualifications stated in his approval); and that the CONTRACTOR is entitled to payment of the amount approved. However, by approving any such payment the ENGINEER shall not thereby be deemed to have represented that he made exhaustive or continuous on-site inspections to check the quality or the quantity of the Work, or that he has reviewed the means, methods, techniques, sequences, and procedures of construction or that he has made an examination to ascertain how or for what purpose the CONTRACTOR has used the moneys paid to him on account of the Contract Price.
- 27.2 The ENGINEER'S approval of final payment shall constitute an additional representation by him to the OWNER that the conditions precedent to the CONTRACTOR'S being entitled to final payment have been fulfilled.
- 27.3 The ENGINEER'S may refuse to approve the whole or any part of the payment if, in his opinion, he is unable to make such representations to the OWNER. He may also refuse to approve any such payment, or because of subsequently discovered evidence or the results of subsequent inspection or tests, nullify any such payment previously approved, to such extent as may be necessary in his opinion to protect the OWNER from loss because:
- 27.3.1 the Work is defective,
- 27.3.2 claims have been filed or there is reasonable evidence indicating the probable filing thereof,
- 27.3.3 the Contract Price has been reduced because of Modifications,
- 27.3.4 the OWNER has been required to correct defective Work in accordance with Article 25, or 27.3.5 unsatisfactory prosecution of the Work, including failure to clean up as required by Article 33.

ARTICLE 28 - FINAL PAYMENT

- 28.1 Upon written notice from the CONTRACTOR that the Project is complete, the ENGINEER shall make a final inspection with the OWNER and CONTRACTOR, and will notify the CONTRACTOR in writing of any articles in which this inspection reveals that the Work is defective. The CONTRACTOR shall immediately make such corrections as are necessary to remedy such defects.
- 28.2 After the CONTRACTOR has completed any such corrections to the satisfaction of the OWNER and ENGINEER and delivered all maintenance and operating instructions, schedules, guarantees, bonds, certificates of inspection and other documents--all as required by the Contract Documents, he may make application for final payment following the procedure for progress payments. The final Application for Payment shall be accompanied by such supporting data as the ENGINEER may require, together with complete and legally effective releases or waivers (satisfactory to the OWNER) of all Liens arising out of the Contract Documents and the labor and services performed and the material and equipment furnished thereunder. In lieu thereof and as approved by the OWNER, the CONTRACTOR may furnish receipts or releases in full; an affidavit of the CONTRACTOR that the release and receipts include all labor, services, material and equipment for which a lien could be filed, and that all payrolls, material and equipment bills, and other indebtedness connected with the Work for which the OWNER or his property might in any way be responsible, have been paid or otherwise satisfied; and consent of the surety, if any, to final payment.
- If any Subcontractor or supplier fails to furnish a release or receipt in full, the CONTRACTOR may furnish a bond satisfactory to the OWNER to indemnify him against any Lien.
- 28.3 On the basis of his observation and review of the Work during construction, his final inspection and his review of the final Application for Payment--all as required by the Contract Documents, the ENGINEER shall, within ten days after receipt of the final Application for payment, indicate in writing his approval of payment and present the Application to the OWNER for payment. Otherwise, he shall return the Application to the CONTRACTOR, indicating in writing his reasons for refusing to approve the final payment, in which case the CONTRACTOR shall make the necessary corrections and resubmit the Application.
- 28.4 If after Substantial Completion of the Work, final completion thereof is materially delayed through no fault of the CONTRACTOR, and the ENGINEER so confirms, the OWNER shall, upon certification by the ENGINEER, and without terminating the Agreement, make payment of the balance due for the portion of the Work fully completed and accepted. If the remaining balance for work not fully completed or corrected is less than the retainage stipulated in the Agreement, and if Bonds have been furnished as required in Article 31, the written consent of the surety to the payment of the balance due for that portion of the work fully completed and accepted shall be submitted by the

CONTRACTOR to the ENGINEER prior to certification of such payment. Such payment shall be made under the terms and conditions governing final payment, except that it shall not constitute a waiver of claims.

ARTICLE 29 - WAIVERS OF CLAIMS AND CONTINUING OBLIGATIONS

- 29.1 The CONTRACTOR'S obligation to perform the Work and complete the Project in accordance with the Contract Documents shall be absolute. Neither approval of any progress or final payment by the ENGINEER, nor the issuance of certificate of Substantial Completion, nor any payment by the OWNER to the CONTRACTOR under the Contract Documents, nor any use or occupancy of the Project or any part thereof by the OWNER, nor any act of acceptance by the OWNER or any failure to do so, nor any correction of faulty or defective work by the OWNER shall constitute an acceptance of Work not in accordance with the Contract Documents.
- 29.2 The making and acceptance of final payment shall constitute:
- 29.3 a waiver of all claims by the OWNER against the CONTRACTOR other than those arising from unsettled Liens, from faulty or defective work appearing after final payment, or from failure to comply with the requirements of the Contract Documents, or the terms of any special guarantees specified therein, and
- 29.4 a waiver of all claims by the CONTRACTOR against the OWNER other than those previously made in writing and still unsettled.

ARTICLE 30 - INDEMNIFICATION

The CONTRACTOR shall indemnify and hold harmless the OWNER and ENGINEER and their agents and employees from and against all claims, damages, losses and expenses including attorney's fees arising out of or resulting from the performance of the WORK, provided that any such claim, damage, loss or expense (a) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself) including the loss of use resulting therefrom and (b) is caused in whole or in part by any negligent act or omission of the CONTRACTOR, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder.

ARTICLE 31 - CONTRACT BONDS

The CONTRACTOR shall furnish performance and payment Bonds as security for the faithful performance and payment of all his obligations under the Contract Documents. These Bonds shall be in amounts at least equal to the Contract Price and in such form and with such sureties as are acceptable to the OWNER. Prior to execution of the Contract Documents the OWNER may require the CONTRACTOR to furnish such other Bonds, in such form and with such sureties as he may require. If such Bonds are required by written instructions given prior to opening of Bids, the premiums shall be paid by the CONTRACTOR; if subsequent thereto, they shall be paid by the OWNER.

ARTICLE 32 - CONTRACTOR'S LIABILITY INSURANCE

- 32.1 GENERAL. The Contractor shall provide, from insurance companies acceptable to the Owner, insurance to protect himself, his employees, his subcontractors, the public, and the interests of the Owner, Engineer, and their authorized agents against all hazards or risk of loss. The Contractor shall also include the Owner and Engineer as additional insureds in all his liability policies required by the Contract Documents with the exception of Worker's Compensation and Employer's Liability. At a minimum, the types and amount of such insurance shall be as set forth herein.

The Contractor shall deliver the Certificate of Insurance to the Owner at the same time he submits the signed Contract and Performance and Payment Bonds.

The Contractor shall require each subcontractor, prior to commencing work of any type, to provide and maintain adequate insurance.

It shall be the responsibility of the Contractor to maintain adequate insurance coverage. Failure of the Contractor to maintain adequate coverage shall not relieve him of any contractual responsibility or obligation.

- 32.2 WORKER'S COMPENSATION AND EMPLOYER'S LIABILITY. The Contractor shall maintain during the life of the Contract the statutory Workmen's Compensation, in addition, Employer's Liability Insurance in an amount not less than \$100,000 for each occurrence, for all his employees to be engaged in work on the project under this Contract and, in case any such work is subcontracted, the Contractor shall require the subcontractor similarly to provide Workmen's Compensation and Employer's Liability Insurance for all of the latter's employees to be engaged in such work. Where work under this Contract includes any water or navigational exposure, coverage shall be included to cover the Federal Longshoremen's and Harborworker's Act and the Federal Jones Act. When the work under this Contract includes any railroad hazards, coverage shall be included for the Federal Employee Liability Act. The Contractor shall also maintain insurance covering him against claims for injury, disease, or death of employees which, for a reason, may not fall within the provisions of a worker's compensation law. Policies hereunder shall include an "all states" endorsement.

32.3 MOTOR VEHICLE LIABILITY. The Contractor shall maintain during the life of the Contract, Motor Vehicle Liability insurance written in Business Auto Policy form to protect himself and his subcontractors performing work covered by this Contract against all claims for injuries, including accidental death to members of the public and damage to property of others arising from such use of motor vehicles, and shall cover the operation on or off site of all motor vehicles licensed for highway use whether they are owned, nonowned, or hired. The liability limit shall not be less than \$500,000 per occurrence.

32.4 COMPREHENSIVE GENERAL LIABILITY. The Contractor shall maintain during the life of the Contract, Comprehensive General Liability written in comprehensive form to protect himself and his subcontractors against all claims arising from injuries to members of the public or damage to property of others arising out of any act or omission of the Contractor or his agents, employees, or subcontractors. In addition, this policy shall specifically insure the contractual liability assumed by the Contractor under Article "INDEMNIFICATION".

The scope of this coverage shall also include the Personal Injury Hazards, including "a", "b", and "c". "a" includes false arrest, malicious prosecution, and unwillful detention or imprisonment. "b" includes libel, slander, and defamation of character. "c" includes wrongful eviction, invasion of privacy, and wrongful entry. Employee exclusion shall be removed.

Comprehensive General Liability coverage shall contain no exvlusions for explosion, collapse, or underground work (X, C, or U).

The liability limits shall be not less than:

- | | |
|-----------------------|--------------------------|
| 1. Personal Liability | \$500,000 per occurrence |
| 2. Bodily Injury | \$500,000 per occurrence |
| 3. Property Damage | \$500,000 per occurrence |

32.5 UMBRELLA EXCESS LIABILITY. The Contractor shall maintain during the life of this Contract, in addition to the individual limits set forth herein, Umbrella Excess Liability coverage in excess of all other required coverage in an amount not less than \$1,000,000 per occurrence.

32.6 ALL RISKS BUILDERS RISK INSURANCE. Unless otherwise modified in any Supplementary Conditions, the Contractor shall secure and maintain during the life of this Contract, Builders Risk All Risk Insurance coverage in an amount equal to the full replacement value of structures, equipment, electrical, and mechanical systems only. Such insurance shall not exclude coverage for earthquake, landslide, flood, collapse, or loss due to the results of faulty workmanship, and shall provide for losses to be paid to the Contractor and the Owner as their interests may appear.

32.7 INSURANCE COVERAGE FOR SPECIAL CONDITIONS. When the construction is to

be accomplished within a public or private right-of-way requiring special insurance coverage, the Contractor shall conform to the particular requirements and provide the required insurance. The Contractor shall include in his liability policy all endorsements that the said authority may require for the protection of the authority, its officers, agents, and employees. Insurance coverage for special conditions, when required, shall be provided as set forth in the Supplementary Conditions.

- 32.8 OTHER INSURANCE COVERAGE. Other insurance coverage, required for work on this Contract, shall be provided as set forth in any Supplementary Conditions.

ARTICLE 33 - CLEANING UP

The CONTRACTOR shall keep the premises free from accumulations of waste materials, rubbish and other debris resulting from the Work, and at the completion of the Work, he shall remove all waste materials, rubbish and debris from and about the premises as well as tools, construction equipment and machinery, and surplus materials, and leave the site clean and ready for occupancy by the OWNER. The CONTRACTOR shall restore to their original condition those portions of the site not designated for alteration by the Contract Documents.

ARTICLE 34 - OWNER'S RIGHT TO STOP OR SUSPEND WORK

- 34.1 If the Work is defective, or the CONTRACTOR fails to supply sufficient skilled workmen or suitable materials or equipment, or if the CONTRACTOR fails to make prompt payments to subcontractors or for labor, materials or equipment, the OWNER may order the CONTRACTOR to stop the Work, or any portion thereof, until the cause for such order has been eliminated.
- 34.2 The OWNER, may, at any time and without cause suspend the Work or any portion thereof for a period of not more than ninety days by notice in writing to the CONTRACTOR and the ENGINEER which shall fix the date on which work shall be resumed. The CONTRACTOR shall resume the Work on the date so fixed. The CONTRACTOR shall be allowed an increase in the Contract Price or an extension of the Contract Time directly attributable to any suspension if he makes a claim therefor as provided in Articles 21 and 22.

ARTICLE 35 - OWNER'S RIGHT TO TERMINATE

- 35.1 If the CONTRACTOR is adjudged bankrupt or insolvent, or if he makes a general assignment for the benefit of his creditors without the approval of the OWNER, or if a trustee or receiver is appointed for the CONTRACTOR or for any of his property, or if he files a petition to take advantage of any debtors' act, or to reorganize under the bankruptcy or similar laws, or if he repeatedly fails to supply sufficient skilled workmen or suitable materials or equipment, or if he repeatedly fails to make prompt payments to Subcontractors or for labor, materials or equipment or if he disregards laws, ordinances, rules, regulations or orders of any public body having jurisdiction, or if he disregards the authority of the ENGINEER, or if he otherwise violates any provision of the Contract Documents, then the OWNER may, without prejudice to any other right or remedy and after giving the CONTRACTOR and his surety ten days from the receipt of the written notice, terminate the services of the CONTRACTOR and take possession of the Project and all materials to be incorporated therein, and finish the Work by whatever method he may deem expedient. In such case the CONTRACTOR shall not be entitled to receive any further payment until the Work is finished. If the unpaid balance of the Contract Price exceeds the direct and indirect costs of completing the Project, including compensation for additional professional services, such excess shall be paid to the CONTRACTOR. If such costs exceed such unpaid balance, the CONTRACTOR shall pay the difference to the OWNER. Such costs incurred by the OWNER shall be determined by the ENGINEER and incorporated in a Change Order.
- 35.2 Where the CONTRACTOR'S services have been so terminated by the OWNER, said termination shall not affect any rights to the OWNER against the CONTRACTOR nor any rights of the CONTRACTOR against the OWNER, then existing or which may thereafter accrue.
- 35.3 Upon seven days written notice to the CONTRACTOR and the ENGINEER, the OWNER may, without cause and without prejudice to any right or remedy, elect to abandon the Project and terminate the Agreement. In such case, the CONTRACTOR shall be paid for all Work executed any expense sustained plus a reasonable profit.

ARTICLE 36 - FAILURE TO COMPLETE THE WORK ON TIME

If any work shall remain uncompleted after elapse of the time specified in the proposal and contract as adjusted by the Engineer for the completion of the work provided for in the contract, there shall be deducted from the monies due the Contractor, not as a penalty, but as liquidated damages, as follows:

ORIGINAL CONTRACT AMOUNT

<u>From more than</u>	<u>To and including</u>	<u>Daily charge per calendar day</u>
0	25,000	\$100
25,000	100,000	\$150
100,000	1,000,000	\$225
1,000,000	or more	\$300

ARTICLE 37 - DISPUTES AND REMEDIES

- 37.1 All claims by the Contractor arising from interpretation of or performance under the Contract Documents shall be submitted to the Engineer, who shall issue his determination. If the Contractor considers that a determination made by the Engineer is not in accord with the meaning and intent of the Contract, the Contractor may, within 15 days from the receipt of the Engineer's determination, file with the Engineer a written request for reconsideration. The Engineer shall reconsider this initial determination and render a final determination on the issue. Within 15 days of the determination by the Engineer on the reconsideration, the Contractor may appeal the decision to the Owner. The Owner shall render a decision which shall be final and conclusive under this Contract. Failure to file either request for reconsideration or for appeal within the required 15 days shall render the determination issued final.

The Contractor shall carry on the work and maintain his progress schedule during all disputes or disagreements with the Owner. No work shall be delayed or postponed pending resolution of any disputes or disagreements, except as the Contractor and the Owner may otherwise agree in writing.

- 37.2 Arbitration shall not be used to settle disputes between the Contractor and the Owner and Engineer.

Unless otherwise provided in this Contract, all claims, counterclaims, disputes, and other matters in question between the Owner and the Contractor arising out of or relating to this

Contract or the breach of it will be decided in a court of competent jurisdiction within the State of Mississippi.

ARTICLE 38 - MISCELLANEOUS

- 38.1 Whenever any provisions of the Contract documents requires the giving of written notice it shall be deemed to have been validly given if delivered in person to the individual or to member of the firm or to an officer of the corporation for whom it is intended, or is sent by registered or certified mail, postage prepaid, to the business address used in the advertisement for bids or in the contract documents.
- 38.2 All monies not paid when due hereunder shall bear interest at the legal rate in force at the place of the Project.
- 38.3 The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder, and, in particular but without limitation, the guarantee and obligations imposed upon the CONTRACTOR by Articles 25 and 32 and the rights and remedies available to the OWNER thereunder, shall be in addition to and not a limitation of any otherwise imposed or available by law, by special guarantee of other provisions of the Contract Documents.
- 38.4 Should the OWNER or the CONTRACTOR suffer injury or damage to his person or property because of an error, omission or act of the other or of any of his employees or agents or others for whose acts he is legally liable, claims shall be made in writing to the other party within a reasonable time of the first observance of such injury or damage.
- 38.5 The Contract Documents shall be governed by the law of the place of the Project.
- 38.6 The full responsibility for design shall be born by this OWNER unless specific design responsibilities are given to the CONTRACTOR elsewhere in the Contract Documents.

SUPPLEMENTARY CONDITIONS

REVISIONS AND ADDITIONS TO THE GENERAL CONDITIONS

The General Conditions are hereby revised as follows:

After the definition for "ENGINEER", add the following:

Wherever in these Documents the word "Engineer" appears, it shall be understood to mean the Design Engineer, The Walker Associates, Engineers-Planners- Designers, and their authorized representatives, acting either directly or indirectly as authorized agents of the Owner.

After the definition for "SPECIFICATIONS", add the following:

FEDERAL, STATE, COUNTY, AND LOCAL STANDARD SPECIFICATIONS

Where portions of the work traverse or cross federal, state, county, or local highways, roads, streets, or private railroads, and the agency in control of such property has established standard specifications governing items of work that differ from these Specifications, the most stringent requirements shall apply.

ARTICLE 10 - "PERMITS, LAWS, TAXES, AND REGULATIONS"

Add the following:

10.3 The building permits, if required, for the permanent structures shall be obtained by the Contractor.

PERMIT FOR WORK WITHIN THE FEDERAL, COUNTY, STATE, AND/OR PRIVATE RIGHTS-OF-WAY

The Contractor will obtain any necessary permits for work within the rights-of-way. The Contractor shall abide by all regulations and conditions stipulated in the permits, and such conditions and requirements are hereby made a part of these Supplementary Conditions, as fully and completely as though the same were fully set forth herein. The Contractor shall examine and abide by the permits granted. Failure to do so will not relieve the Contractor from compliance with the requirements stated herein.

The Contractor shall, if required by the county or state, provide a bond in the amount and form designated before commencing work.

ARTICLE 32 "CONTRACTOR'S LIABILITY INSURANCE"

The Contractor shall also indemnify and show as an additional insured The Walker Associates, its agents and employees, and the City of Hattiesburg, Mississippi.

SPECIAL CONDITIONS

TEMPORARY UTILITIES:

- A. The CONTRACTOR shall make all arrangements for and furnish at his own expense, all water, electricity (lighting and power), and other utilities necessary for his construction purposes.
- B. Any electric services, both lighting and power required by the Contractor or his respective Subcontractor, shall be obtained through mutual agreement between all parties, saving the Owner harmless of any cost or responsibility.
- C. Same arrangements shall be maintained for water and other utilities.
- D. Contractor shall provide at own cost or make satisfactory arrangements for extensions of utility services to all points required.
- E. Contractors installing temporary water piping or hose for their own use shall be wholly responsible for its maintenance and protection from damage and freezing and also for the cost of damage to construction materials or equipment due to breaks or leaks in his lines.

TEMPORARY TOILETS

- A. The Contractor shall provide and maintain sanitary temporary toilets located where directed by the Engineer and subject to any and all Sanitary Codes having general jurisdiction thereon.
- B. The temporary toilets shall be enclosed, weatherproofed, and kept in a sanitary condition at all times.
- C. These toilets shall be equipped with temporary waterclosets and connections to sewer water supply where available.

CONTRACTOR'S TITLE TO MATERIALS

No materials or supplies for the work shall be purchased by the Contractor or by any Subcontractor subject to any chattel mortgage or under a conditional sale or other agreement by which an interest is retained by the seller. The Contractor warrants that he has good title to all materials and supplies for which he accepts partial payment.

INTERPRETATION OF CONTRACT DOCUMENTS:

- A. If any person contemplating submitting a bid for the proposed contract is in doubt as to the meaning of any part of the plans, specifications or other documents, he may submit to the Project Engineer a written request for interpretation thereof.
- B. Any interpretation of the proposed documents will be made only by addenda duly issued and a copy of such addenda will be mailed or delivered to each person who has received a set of such documents.
- C. The Contractor shall be responsible for discrepancies in plans or specifications which are not called to the attention of the Project Engineer prior to receipt of bids.

RESPONSIBILITY REGARDING EXISTING UTILITIES AND STRUCTURES:

The existence and location of underground utilities indicated on the plans are not guaranteed and shall be investigated and verified in the field by the Contractor before starting work.

RIGHT OF ACCESS

Representatives of the Owner and the Engineer shall have access to the project records at all times.

GUARANTEE OF WORK

- A. Except as otherwise specified, all work shall be guaranteed by the Contractor against defects resulting from the use of materials, equipment or workmanship which may prove to be inferior, for one year from date of final completion and acceptance of the contract.
- B. If, within any guarantee period, repairs or changes are required in connection with guaranteed work, which in the opinion of the Project Engineer, is rendered necessary as the result of the use of the material, equipment or workmanship which are inferior, defective or not in accordance with the terms of the contract, the Contractor shall promptly upon receipt of notice from the Project Engineer and without expense to the Owner: (1) place in satisfactory condition in every particular all of such guaranteed work, correct all defects therein, and (2) make good all damage to the building or site or equipment or contents thereof, which, in the opinion of the Project Engineer, is the result of the use of material, equipment or workmanship which are inferior, defective, or not in accordance with the terms of the contract, and make good any work or materials or equipment and contents of said building or site disturbed in fulfilling any such guarantee.

- C. If the Contractor, after notice, fails to proceed promptly to comply with the terms of the guarantee, the Owner may have the defects corrected and the Contractor and his sureties shall be liable for all expenses incurred.
- D. All special guarantees applicable to definite parts of the work that may be stipulated in the specifications or other papers forming a part of the contract shall be subject to the terms of this paragraph, during the first year of the life of such special guarantee.

SPECIAL PROVISIONS AND REGULATIONS

For the purpose of clarification, the Contracted Party shall refer to the Contractor providing services to the Owner as specified in the contract to which this document is attached.

The Contracted Party shall comply with the most current revision of the Federal Contract Labor Standards as published by US Army Corps of Engineers, Vicksburg District; including, but not limited to, the following:

1. Termination of Contract For Cause

If, through any cause, the Contracted Party shall fail to fulfill in a timely and proper manner, his obligations, or stipulations of this Contract, the Owner shall thereupon have the right to terminate this Contract by giving written notice to the Contracted Party of such termination and specifying the effective date of such termination. In such event, all finished or unfinished documents, data, studies and reports prepared by the Contracted Party shall entitle the Contracted Party's receipt of just and equitable compensation for any satisfactory work completed on such documents.

Notwithstanding the above, the contracted Party shall not be relieved of liability to the Owner for damages sustained or the Owner by virtue of any breach of the Contract by the Contracted Party. The Owner may withhold any payments to the Contracted Party for the purpose of set off until such time as the exact amount of damages due the Owner from the Contracted Party is determined.

2. Termination for Convenience of the Owner

The Owner may terminate this contract any time by a notice in writing from the Owner to the Contracted party. If the Contract is terminated by the Owner as provided herein, the Contracted Party will be paid an amount which bears the same ratio to the total compensation as the services actually performed bear to the total services of the Contracted Party covered by this Contract, less payments of compensation previously made provided that if less than sixty percent of the services covered by this Contract have been performed upon the effective date of such termination, the Contracted Party shall be reimbursed (in addition to the above payment) for that portion of actual out-of-pocket expenses (not otherwise reimbursed under this Contract) incurred by the Contracted Party during the contract period which are directly attributable to the incomplete portion of the services covered by this Contract.

3. Records

All records required to be kept on the project shall be maintained for at least three years after final payments and until all other pending matters under the project are closed.

4. Health and Safety Standards

All parties participating in this project agree to comply with Section 107 of the Contract Work Hours and Safety Standards Act. Section 107 of the Act is applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to this health and safety as determined under construction, safety, and health standards promulgated by the Secretary of Labor. These requirements do not apply to the purchase of supplies or materials or articles ordinarily available on the open market, or contracts for transportation.

5. Environmental Compliance

Contracts, subcontracts, and sub grants of amounts in excess of \$100,000 shall comply with all applicable standards, orders, or requirements issued under Section 306 of the Clean Air Act (42 U.S.C. 1957 (h)), Section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency (EPA) regulations (40 CFR, 15), which prohibit the use under nonexempt Federal contracts, grants or loans of facilities included on the EPA List of Violating Facilities. The provisions shall require reporting of violations to the grantor agency and the U.S. EPA Assistant Administrator for Enforcement (EN-329).

6. Energy Efficiency

All participants in the projects shall recognize mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (PL-94-163).

7. Changes

The Owner may, from time to time, request changes in the scope of the services of the Contracted Party to be performed hereunder. Such changes, including any increase or decrease in the amount of the Contracted Party compensation which are mutually agreed upon by and between the Owner and the Contracted Party, shall be incorporated in written amendments to this Contract.

8. Personnel

The Contracted Party represents that it has, or will secure at its own expense, all personnel required in performing the services under this Contract. Such personnel shall not be employees of or have any contractual relationship with the Owner. All the services required hereunder will be performed by the Contracted Party or under its supervision, and all personnel engaged in the work shall be fully qualified and shall be authorized or permitted under State and local law to perform such services. No person who is serving sentence in a penal or correctional institution shall be employed on work under this Contract.

9. Anti-Kickback Rules

Contracts, subcontracts, and subgrants shall comply with all applicable requirements of the Anti-Kickback Act@ of June 13, 1934 (48 Stat. 948; 62 Stat. 740; 63 Stat. 108; Title 18 U.S.C. 874; and Title 40 U.S.C. 276c).

Salaries of personnel performing work under this Contract shall be paid unconditionally and not less than once a month without payroll deduction or rebate on any account except only such payroll deductions as are mandatory by law or permitted by the applicable Anti-Kickback regulations issued by the Secretary of Labor.

10. Withholding of Salaries

If in the performance of this Contract, there is any underpayment of salaries by the Contracted Party or by any subcontracted thereunder, the Owner shall withhold from the Contracted Party out of payment due to him an amount sufficient to pay to employees underpaid the difference between the salaries required thereby to be paid and the salaries actually paid such employees for the total number of hours worked. The amounts withheld shall be disbursed by the Owner for and on account of the contracted party or subcontractor to the respective employees to whom they are due.

11. Claims and Disputes Pertaining to Salary Rates

Claims and disputes pertaining to salary rates or to classifications of professional staff or technicians performing work under this Contract shall be promptly reported in writing by the Contracted Party to the Owner for the latter decision which shall be final with respect thereto.

12. Equal Employment Opportunity

During the performance of this Contract, the Contracted Party agrees to comply with FAR 22.8, and the regulations issued pursuant thereto. These requirements include:

1. A prohibition on segregated facilities on the basis of race, color, religion, sex, or national origin with the exception of rest rooms and sleeping areas;
2. Affirmative action requirements specifying recruitment, training, employment and record-keeping methods and goals for minorities and women covered in construction trades;
3. Equal training and work hours for all employees on the contract regardless of race, sex, color, or national origin;
4. A prohibition on discrimination against any employee on the basis of race, color, religion, sex or national origin; and
5. A prohibition on harassment, intimidation and coercion at all sites and facilities where contract employees work with specific attention to minority and female workers.

13. Anti-Discrimination Clauses

In the exercise of their respective rights and obligations under this Agreement, the contractor shall comply with all applicable Federal and State laws and regulations, including, but not limited to: Section 601 of the Civil Rights Act of 1964, Public Law 88-352 (42 U.S.C. 2000d) and Department of Defense Directive 5500.11 issued pursuant thereto; Army Regulation 600-7, entitled "Nondiscrimination on the Basis of Handicap in Programs and Activities Assisted or Conducted by the Department of the Army"; and all applicable Federal labor standards requirements including, but not limited to, 40 U.S.C. 3141-3148 and 40 U.S.C. 3701 -3708 (revising, codifying and enacting without substantive change the provisions of the Davis-Bacon Act (formerly 40 U.S.C. 276a *et seq.*), the Contract Work Hours and Safety Standards Act (formerly 40 U.S.C. 327 *et seq.*) and the Copeland Anti-Kickback Act (formerly 40 U.S.C. 276c)).

Contractors and subcontractors must comply with FAR 22.9, which states they may not discriminate against any employee on the basis of their age.

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The Contractor will comply with all provisions established by the Fair Labor Standards Act of 1938 (29 U.S.C. § 201) which establishes minimum wage, overtime pay, recordkeeping, and child labor standards affecting full-time and part-time workers.

15. Discrimination Because of Certain Labor Matters

No person employed on the work covered by this Contract shall be discharged or in any way discriminated against because he has filed any complaint or instituted or caused to be instituted any proceeding or has testified or is about to testify in any proceeding under or relating to the labor standards applicable hereunder to his employer.

16. Compliance with Local Laws

The Contracted Party shall comply with all applicable laws, ordinances, and codes of the state and local governments, and shall commit no trespass on any public or private property in performing any of the work embraced by this Contract.

17. Subcontracting

The Contracted Party shall be as fully responsible to the Owner for the acts and omissions of his subcontractors and of persons either directly or indirectly employed by him. The Contracted Party shall insert in each subcontract appropriate provisions requiring compliance with the labor standards provisions of this Contract.

18. Assignability

The Contracted Party shall not assign any interest in this Contract, and shall not transfer any interest in the same (whether by assignment or novation) without prior written approval of the Owner provided that claims for money due or to become due the Contracted Party from the

Owner under this Contract may be assigned to a bank, trust company, or other financial institution, or to a Trustee in Bankruptcy, without such approval. Notice of any such assignment or transfer shall be furnished promptly to the Owner.

19. Interest of Members of Local Public Agency and Others

The Contracted Party agrees to establish safeguards to prohibit employees from using positions for a purpose that is or gives the appearance of being motivated by a desire for private gain for themselves or others, particularly those with whom they have a family, business, or other tie.

The Contracted Party will comply with Section 21-39-1, Mississippi Code Annotated (1972), which prohibits municipal officers and employees from having or owning any interest or share, individually or as agent or employee of any person or corporation, either directly or indirectly, in any contract made or let by the governing authorities of such municipality for the construction or doing of any public work, or for the sale or purchase of any materials, supplies or property of any description, or for any other purpose whatsoever, or in any subcontract arising therefrom or connected therewith, or to receive, either directly or indirectly, any portion of share of any money or other thing paid for the construction or doing of any public work, or for the sale or purchase of any property, or upon any other contract made by the governing authorities of the municipality, or subcontract arising therefore or connected therewith.

The Contracted Party will also be aware of and avoid any violation of Section 97-11-19, Mississippi Code Annotated (Supp. 1982), which prescribes a criminal penalty for any public officer who has an interest in any contract passed by the board of which he is a member during the term he was a member and for one year thereafter.

20. Interest of Certain Federal Officers

No member of or delegate to the Congress of the United States and no Resident Commissioner, shall be admitted any share of part of this Contract or to any benefit to arise therefrom.

21. Interest of Contractor

The Contracted Party stipulates that they presently have no interest and shall not acquire any interest direct or indirect in the above described project or any parcels therein or any other interest which would conflict in any manner or degree with the performance of their services hereunder. The Contracted Party further agrees that in the performance of this Contract no person having any such interest shall be employed.

22. Political Activity

The Contracted Party will comply with the provisions of the Hatch Act (5 U.S.C. 1501 et seq.), which limits the political activity of employees.

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The Contracted Party agrees to assist and cooperate with the grantor or their duly designated representatives in the monitoring of the project or projects to which this project relates, and to provide in form and manner approved by the grantor agency such monitoring reports, progress reports, and the like as may be required and to provide such reports at the times specified.

25. Procurement

The contractor must comply with all State laws dealing with the purchasing and acquisition for goods, services and other allowable cost as specified in the application.

26. Discrimination Due to Beliefs

No person with responsibilities in operation of the project to which this grant relates will discriminate with respect to any program participant or any applicant for participation in such program because of political affiliation or beliefs.

27. Confidential Findings

All of the reports, information data, etc., prepared or assembled by the Contracted Party under this Contract are confidential, and the Contracted Party agrees that they shall not be made available to any individual or organization without prior written approval of the Owner.

28. Third-Party Contracts

Contracts, Subcontracts, and Subgrants of amounts in excess of \$2,000 shall include the following provisions.

Each Participating Party shall keep and maintain books, records, and other documents relating directly to the receipt and disbursement of such grant funds.

Any duly authorized representative of the Owner, Engineer, and/or Mississippi Development Authority shall, at all reasonable times, have access to and the right to inspect, copy, audit, and examine all such books, records, and other documents of such Participating Party until the completion of all close-out procedures respecting this grant and the final settlement and conclusion of all issues arising out of this grant.

29. Excessive Force

The contracted parties will adopt and enforce a policy of prohibiting the use of excessive force by law enforcement agencies within its jurisdiction any individuals engaged in nonviolent civil rights demonstrations; and enforcing applicable State and local laws against physically barring entrance to or exit from a facility or location which is the subject of such nonviolent civil rights demonstrations within its jurisdiction.

30. Minority and Women-Owned Business Participation

Minority and Women-Owned Business participation for this project is established by CSD Policy Statement #90-03 which identifies the following:

“The Mississippi Minority Business Enterprise Act of 1988 which calls for the establishment of goals and programs to provide the maximum opportunity for increased participation by minority owned businesses in the procurement of goods and services”.

The goals established by CSD Policy Statement #90-03 state that **10% MBE** and **5% WBE** be utilized.

The contractor shall foster equal opportunity and attempt to achieve the amount of participation that would be obtained in a non-discriminatory market place. There will be no discrimination in the award and performance of contracts on the basis of race, color, sex, age, religion, national origin, or any handicap.

Failure of the lowest bidder to furnish acceptable proof of good faith efforts, submitted with the bid proposal, shall be just cause for rejection of the proposal. Award may then be made to the next lowest responsive bidder or the work may be readvertised.

The following factors are illustrative of matters the Owner will consider in judging whether or not the bidder has made adequate good faith efforts to satisfy the contract goal.

1. Whether the bidder advertised in general circulation, trade association, and minority-focus media concerning the subcontracting opportunities.
2. Whether the bidder provided written notice to a reasonable number of specific MBE and WBE entities that their interest in the contract is being solicited.
3. Whether the bidder followed up initial solicitations of interest by contacting MBE and WBE entities to determine with certainty whether they were interested.
4. Whether the bidder selected portions of the work to be performed by MBE and WBE entities in order to increase the likelihood of meeting the contract goal.
5. Whether the bidder provided interested MBE and WBE entities with adequate information about the plans, specifications and requirements of the contract.

6. Whether the bidder negotiated in good faith with interested MBE and WBE entities and did not reject them as unqualified without sound reason based on a thorough investigation of their capabilities.
7. Whether the bidder made efforts to assist interested MBE and WBE entities in obtaining any required bonding or insurance.

If a MBE or WBE subcontractor can not perform satisfactorily and removal of the subcontractor requires the project to fall below the contract goal for participation, the Contractor shall take all necessary reasonable steps to replace the subcontractor with another certified MBE or WBE entity. Under no circumstances shall the Prime Contractor perform the subcontractors work without approval from the Engineer.

Participation shall be counted toward meeting the goal in this contract as follows:

1. If the Prime Contractor is a certified MBE or WBE firm, only the value of the work actually performed by the MBE or WBE prime can be counted towards the project goal, along with any work subcontracted to a certified MBE or WBE entity.
2. If the Prime Contractor is not a MBE or WBE, the work subcontracted to a certified MBE or WBE will be counted toward the goal.
3. The Contractor may count toward the goal a portion of the total dollar value of a contract with a joint venture eligible under the standards of this provision equal to the percentage of the MBE and WBE partner in the joint venture.
4. Expenditures to MBE and WBE entities that perform a commercially useful function may be counted toward the goal. A business is considered to perform a commercially useful function when it is responsible for the execution of a distinct element of the work and carries out its responsibilities by actually performing, managing, and supervising the work involved.
5. The contractor may count 100% of the expenditures for materials and supplies obtained from certified MBE and WBE suppliers and manufactures that produce goods from raw materials or substantially alters them for resale provided the suppliers and the manufacturers assume the actual and contractual responsibility for the provision of the materials and supplies. The contractor may count 60% of the expenditures to suppliers that are not manufacturers, provided the supplier performs a commercially useful function in the supply process. Within 30 days after receipt of the materials, the Contractor shall furnish to the Owner invoices from the certified supplier to verify the MBE and WBE goals.
6. Any work that a certified MBE or WBE firm subcontracts to a non-MBE or non-WBE firm will not count toward the MBE and WBE goals.
7. Only the dollars actually paid to the MBE and WBE entities may be counted toward the goals.

The Prime Contractor must pay all subcontractors for satisfactory performance of their contracts as follows:

- a. Within fifteen (15) calendar days after receiving payment from the Owner for work satisfactorily completed, the Prime Contractor shall make prompt payment to all subcontractors or material suppliers for all monies due.
- b. Within fifteen (15) calendar days after receiving payment from the Owner for work satisfactorily completed, the Prime Contractor shall promptly return all retainage monies due to all subcontractors or material suppliers.

The Prime Contractor is to complete Section 902 on the following page when submitting a proposal for the project. Failure to submit this page with the proposal shall be cause for rejection of the bid.

PART 4

SPECIAL PROVISIONS AND REGULATIONS

SPECIAL PROVISIONS AND REGULATIONS

For the purpose of clarification, the Contracted Party shall refer to the Contractor providing services to the Owner as specified in the contract to which this document is attached.

1. Termination of Contract For Cause

If, through any cause, the Contracted Party shall fail to fulfill in a timely and proper manner, his obligations, or stipulations of this Contract, the Owner shall thereupon have the right to terminate this Contract by giving written notice to the Contracted Party of such termination and specifying the effective date of such termination. In such event, all finished or unfinished documents, data, studies and reports prepared by the Contracted Party shall entitle the Contracted Party's receipt of just and equitable compensation for any satisfactory work completed on such documents.

Notwithstanding the above, the contracted Party shall not be relieved of liability to the Owner for damages sustained or the Owner by virtue of any breach of the Contract by the Contracted Party. The Owner may withhold any payments to the Contracted Party for the purpose of set off until such time as the exact amount of damages due the Owner from the Contracted Party is determined.

2. Termination for Convenience of the Owner

The Owner may terminate this contract any time by a notice in writing from the Owner to the Contracted party. If the Contract is terminated by the Owner as provided herein, the Contracted Party will be paid an amount which bears the same ratio to the total compensation as the services actually performed bear to the total services of the Contracted Party covered by this Contract, less payments of compensation previously made provided that if less than sixty percent of the services covered by this Contract have been performed upon the effective date of such termination, the Contracted Party shall be reimbursed (in addition to the above payment) for that portion of actual out-of-pocket expenses (not otherwise reimbursed under this Contract) incurred by the Contracted Party during the contract period which are directly attributable to the incomplete portion of the services covered by this Contract.

3. Records

All records required to be kept on the project shall be maintained for at least three years after final payments and until all other pending matters under the project are closed.

4. Health and Safety Standards

All parties participating in this project agree to comply with Section 107 of the Contract Work Hours and Safety Standards Act. Section 107 of the Act is applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to this health and safety as determined under construction, safety, and health standards promulgated by the Secretary of

Labor. These requirements do not apply to the purchase of supplies or materials or articles ordinarily available on the open market, or contracts for transportation.

5. Environmental Compliance

Contracts, subcontracts, and sub grants of amounts in excess of \$100,000 shall comply with all applicable standards, orders, or requirements issued under Section 306 of the Clean Air Act (42 U.S.C. 1957 (h)), Section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency (EPA) regulations (40 CFR, 15), which prohibit the use under nonexempt Federal contracts, grants or loans of facilities included on the EPA List of Violating Facilities. The provisions shall require reporting of violations to the grantor agency and the U.S. EPA Assistant Administrator for Enforcement (EN-329).

6. Energy Efficiency

All participants in the projects shall recognize mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (PL-94-163).

7. Changes

The Owner may, from time to time, request changes in the scope of the services of the Contracted Party to be performed hereunder. Such changes, including any increase or decrease in the amount of the Contracted Party compensation which are mutually agreed upon by and between the Owner and the Contracted Party, shall be incorporated in written amendments to this Contract.

8. Personnel

The Contracted Party represents that it has, or will secure at its own expense, all personnel required in performing the services under this Contract. Such personnel shall not be employees of or have any contractual relationship with the Owner. All the services required hereunder will be performed by the Contracted Party or under its supervision, and all personnel engaged in the work shall be fully qualified and shall be authorized or permitted under State and local law to perform such services. No person who is serving sentence in a penal or correctional institution shall be employed on work under this Contract.

9. Anti-Kickback Rules

Contracts, subcontracts, and subgrants shall comply with all applicable requirements of the Anti-Kickback Act of June 13, 1934 (48 Stat. 948; 62 Stat. 740; 63 Stat. 108; Title 18 U.S.C. 874; and Title 40 U.S.C. 276c).

Salaries of personnel performing work under this Contract shall be paid unconditionally and not less than once a month without payroll deduction or rebate on any account except only such

payroll deductions as are mandatory by law or permitted by the applicable Anti-Kickback regulations issued by the Secretary of Labor.

10. Withholding of Salaries

If in the performance of this Contract, there is any underpayment of salaries by the Contracted Party or by any subcontracted thereunder, the Owner shall withhold from the Contracted Party out of payment due to him an amount sufficient to pay to employees underpaid the difference between the salaries required thereby to be paid and the salaries actually paid such employees for the total number of hours worked. The amounts withheld shall be disbursed by the Owner for and on account of the contracted party or subcontractor to the respective employees to whom they are due.

11. Claims and Disputes Pertaining to Salary Rates

Claims and disputes pertaining to salary rates or to classifications of professional staff or technicians performing work under this Contract shall be promptly reported in writing by the Contracted Party to the Owner for the latter decision which shall be final with respect thereto.

12. Equal Employment Opportunity

During the performance of this Contract, the Contracted Party agrees to comply with FAR 22.8, and the regulations issued pursuant thereto. These requirements include:

1. A prohibition on segregated facilities on the basis of race, color, religion, sex, or national origin with the exception of rest rooms and sleeping areas;
2. Affirmative action requirements specifying recruitment, training, employment and record-keeping methods and goals for minorities and women covered in construction trades;
3. Equal training and work hours for all employees on the contract regardless of race, sex, color, or national origin;
4. A prohibition on discrimination against any employee on the basis of race, color, religion, sex or national origin; and
5. A prohibition on harassment, intimidation and coercion at all sites and facilities where contract employees work with specific attention to minority and female workers.

13. Anti-Discrimination Clauses

In the exercise of their respective rights and obligations under this Agreement, the contractor shall comply with all applicable Federal and State laws and regulations, including, but not limited to: Section 601 of the Civil Rights Act of 1964, Public Law 88-352 (42 U.S.C. 2000d) and Department of Defense Directive 5500.11 issued pursuant thereto; Army Regulation 600-7, entitled "Nondiscrimination on the Basis of Handicap in Programs and Activities Assisted or Conducted by the Department of the Army"; and all applicable Federal labor standards requirements including, but not limited to, 40 U.S.C. 3141-3148 and 40 U.S.C. 3701 -3708 (revising, codifying and enacting without substantive change the provisions of the Davis-Bacon Act (formerly 40 U.S.C. 276a *et seq.*), the Contract Work Hours and Safety Standards Act

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Any duly authorized representative of the Owner, Engineer, and/or Mississippi Development Authority shall, at all reasonable times, have access to and the right to inspect, copy, audit, and examine all such books, records, and other documents of such Participating Party until the completion of all close-out procedures respecting this grant and the final settlement and conclusion of all issues arising out of this grant.

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- b. Within fifteen (15) calendar days after receiving payment from the Owner for work satisfactorily completed, the Prime Contractor shall promptly return all retainage monies due to all subcontractors or material suppliers.

The Prime Contractor is to complete Section 902 on the following page when submitting a proposal for the project. Failure to submit this page with the proposal shall be cause for rejection of the bid.

PART 5

MDEQ LARGE CONSTRUCTION GENERAL PERMIT



STATE OF MISSISSIPPI

PHIL BRYANT
GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

GARY C. RIKARD, EXECUTIVE DIRECTOR

May 10, 2016

CERTIFIED MAIL 7010 0780 0001 9993 2064

Mr. Tommy Thornton
Hattiesburg Clinic
415 South 28th Avenue
Hattiesburg, Mississippi 39401

Dear Mr. Thornton:

Re: Hattiesburg Clinic, Medical Park
Forrest County, Mississippi
General Construction Storm Water Coverage No.
MSR107104

Enclosed is a Certificate of Permit Coverage granted under the State of Mississippi's Large Construction Storm Water General NPDES Permit (enclosed). The submitted Storm Water Pollution Prevention Plan (SWPPP) appears to meet permit requirements and will be further reviewed during compliance inspections. You or your contractor must be in compliance with the SWPPP upon commencement of construction.

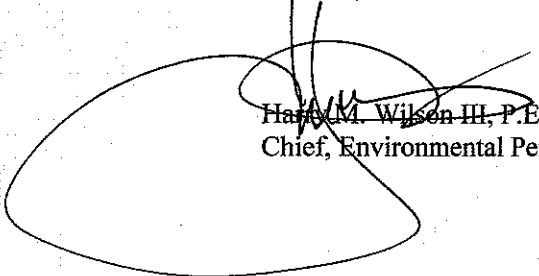
The Storm Water Construction General Permit was reissued on January 11, 2011, by the Permit Board on Environmental Quality. There are several significant changes in the new permit which are listed on the attached addendum. This is a summary and is not a substitute for the coverage recipient carefully reading and understanding the permit and its conditions.

The process to reissue Mississippi's Large Construction Storm Water General Permit (MSR10) is currently underway. Even though the current General Permit has an expiration date of December 31, 2015, your current coverage will remain in effect until the General Permit is reissued. When the General Permit is reissued, MDEQ will mail recoverage notifications and instructions to everyone that holds an active coverage.

One condition that is often overlooked is the requirement to request termination of coverage once the project has been completed and stabilized. Failure to submit the "Request for Termination of Coverage" form is a permit violation and subject to enforcement action.

This permit coverage is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Sections 49-17-1, et seq., Mississippi code of 1972), and the regulations and standards adopted and promulgated thereunder and under the authority granted to the Mississippi Environmental Quality Permit Board pursuant to Section 402(b) of the Federal Water Pollution Control Act. Any appeal of this action must be made within the 30-day period provided for in Section 49-17-29(4)(b) Mississippi code of 1972.

Sincerely,


Harold M. Wilson III, P.E., DEE
Chief, Environmental Permits Division

Enclosures
HMW:ljw

OFFICE OF POLLUTION CONTROL

POST OFFICE BOX 2261 • JACKSON, MISSISSIPPI 39225-2261 • TEL: (601) 961-5171 • FAX: (601) 354-6612 • www.deq.state.ms.us

AN EQUAL OPPORTUNITY EMPLOYER



*State of Mississippi
Department of Environmental Quality
Office of Pollution Control*

Certificate of Permit Coverage

under Mississippi's Large Construction Storm Water General NPDES Permit

Be it known

**Hattiesburg Clinic
Hattiesburg, Mississippi**

having submitted an acceptable Construction Notice of Intent, is hereby granted this Certificate of Permit Coverage in order to discharge storm water associated with the construction of

**Hattiesburg Clinic, Medical Park; Highway 11 Medical Park Mass Grading
Receiving Stream: Unnamed ditch into Burkett's Creek
Forrest County**

Coverage No: **MSR107104**

Date of Coverage: **May 10, 2016**

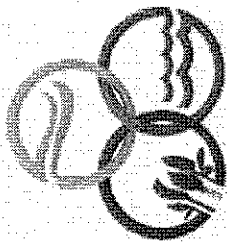
Date General Permit Expires: **December 31, 2015**

69224 GNP20160001

Chief, Environmental Permits Division



State of Mississippi
Mississippi Department of Environmental Quality
Office of Pollution Control



LARGE CONSTRUCTION GENERAL PERMIT

FOR LAND DISTURBING ACTIVITIES OF FIVE (5) OR MORE ACRES

THIS CERTIFIES THAT

PROJECTS ISSUED A CERTIFICATE OF COVERAGE UNDER THIS PERMIT ARE GRANTED
PERMISSION TO DISCHARGE STORM WATER FROM REGULATED CONSTRUCTION ACTIVITIES
INTO STATE WATERS

in accordance with effluent limitations, inspection requirements and other conditions set forth in herein. This permit is issued in accordance with the provisions of the Mississippi Water Pollution Control Law (Section 49-17-1 et seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder, and under authority granted pursuant to Section 402(b) of the Federal Water Pollution Control Act.

Mississippi Environmental Quality Permit Board

Authorized Signature

Mississippi Department of Environmental Quality

Issued: January 11, 2011

Expires: December 31, 2015

Permit No. MSR10

AI 24066

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ACT1 (LCGP) Introduction:

Narrative Requirements:

Condition No.	Condition
T-1	The Large Construction General Permit (LCGP) authorizes storm water discharges from construction activities five (5) acres or greater or less than five (5) acres if part of a "larger common plan of development or sale" (see Definitions). Storm water discharges that enter waters of the State or storm water conveyance systems leading to waters of the State are subject to regulation and compliance with the conditions set forth in this permit. This permit also authorizes storm water discharges from any other construction activity designated by the Executive Director based on the potential for contribution to an excursion of a water quality standard or for significant contribution of pollutants to waters of the State. This permit replaces the previous Large Construction General Permit that expired on May 31, 2010. [WPC-1]

ACT2 (continued):

Narrative Requirements:

Condition No.	Condition
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T-3 ELIGIBILITY (continued):

(3) Prohibited Non-Storm Water Discharges:

- (A) Wastewater from washout of concrete (unless managed by an appropriate control)
- (B) Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials
- (C) Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance
- (D) Soaps or solvents used in vehicle and equipment washing
- (E) Wastewater from sanitary facilities, including portable toilets

(4) A project is eligible for coverage under this general permit for discharges of pollutants of concern to water bodies for which there is a Total Maximum Daily Load (TMDL) established or approved by the Environmental Protection Agency (EPA) if measures and controls are incorporated that are consistent with the assumptions and requirements of such TMDL. To be eligible for coverage under this general permit, the project must incorporate in the Storm Water Pollution Prevention Plan (SWPPP) and/or effluent limitation any conditions applicable to any discharge(s) necessary for consistency with the assumptions and requirements of such TMDL. If, after coverage issuance, a specific wasteload allocation is established that would apply to the project's discharge, the project must implement steps necessary to meet that allocation within six (6) months from the final TMDL approval date. MDEQ's approved TMDL list may be found at the link listed in paragraph (5) below. In addition, MDEQ's Planning & Design Manual for the Control of Erosion, Sediment and Storm Water identifies specific controls that may be used to address consistency with any applicable TMDLs. The manual can be found at: http://www.deq.state.ms.us/MDEQ.nsf/page/epd_epdgeneral.

(5) A project is eligible for coverage under this general permit for discharges of storm water to impaired water bodies on MDEQ's 303(d) list, provided best management practices (BMPs) are employed that prohibit further impairment of the designated and/or existing beneficial uses in the receiving water body. To be eligible for coverage under this general permit, the owner/operator must indicate on the LCN01 that the project discharges to a 303(d) listed receiving water and incorporate appropriate BMPs in its SWPPP. MDEQ's 303(d) list of impaired water bodies may be found on MDEQ's website at: http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section. [WPC-1]

ACT3 (LCGP) Obtaining Coverage:

Submittal/Action Requirements:

Condition No.	Condition
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S-1 OBTAINING AUTHORIZATION:

(1) Owners and/or operators (see Definitions) desiring coverage associated with large construction activity under this permit must submit a Large Construction Notice of Intent (LCNOI) and other required submittals in accordance with the requirements of this permit. For construction activities, the operator is typically the Prime Contractor. However, if the prime contractor does not meet the definition of operator, then the owner must apply. The owner may submit the LCNOI and later, prior to actual construction, the operator may submit the Prime Contractor Certification accepting responsibility for applicable permit conditions.

The owner(s) of the property and the operator(s) associated with the regulated construction activity on the property have joint and severable responsibility for compliance with the permit. Notwithstanding any permit condition to the contrary, the coverage recipient and any person who causes pollution of waters of the state or places waste in a location where they are likely to cause pollution, shall remain responsible under applicable federal and state laws and regulations, and applicable permits.

(2) Upon review of the LCNOI, the MDEQ staff may require additional information (including modification of the SWPPP, which could require the implementation of additional controls), recommend that coverage not be granted and/or that an alternate permit would be more appropriate. The MDEQ staff recommendations may be brought before the Mississippi Environmental Quality Permit Board (Permit Board) for review and consideration at a regularly scheduled meeting or at a special meeting at its discretion.

(3) Coverage under this permit will not be granted until all other required MDEQ permits, certifications and approvals are satisfactorily addressed.

(4) Owners or operators are authorized to discharge storm water associated with large construction activity under the terms and conditions of this permit only upon receipt of written notification of approval of coverage by the Permit Board staff. Discharge of storm water without written notification of coverage under this permit or issuance of an individual National Pollutant Discharge Elimination System (NPDES) Storm Water Permit is a violation of the Mississippi Air and Water Pollution Control Law 49-17-29(2)(b). [WPC-1]

ACT3 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-4	COMMERCIAL DEVELOPMENT - INDIVIDUAL LOTS OR PARCELS: Individual lots or parcels within a commercial development that are part of the "larger common plan of development or sale" (see Definitions) are regulated regardless of size or owner. If the owner or developer obtains construction permit coverage for a development then sells lots or parcels within that development, permit coverage must continue on those areas under new ownership. The original coverage recipient is responsible for all construction activities until individual lots or parcels within the development are sold to others and the new owner submits a LCNOI and obtains coverage under Mississippi's Large Construction General Permit or applies for an individual permit. [WPC-1]
S-5	RESIDENTIAL SUBDIVISION - INDIVIDUAL LOTS: Individual lots within a residential subdivision that are part of the "larger common plan of development or sale" (see Definitions) are regulated regardless of size or ownership. If the owner or developer obtains construction permit coverage for a residential development, then sells individual lots within that development, permit coverage shall continue on those lots under new ownership. The original coverage recipient may retain responsibility for permit compliance, or the new owner (purchaser) or operator shall satisfy authorization requirements by: (1) Completing and submitting the MDEQ Registration Form (see Large Construction Forms Package) and developing and implementing a sediment and erosion control plan for the specific lot(s), or (2) Completing and submitting for approval from the MDEQ, a LCNOI and required documents, or (3) Applying for an individual storm water permit. The owner or developer (seller) is responsible for providing the new owner or operator (purchaser) with a copy of the MDEQ Registration Form and a copy of the Large Construction General Permit. These documents, as well as the individual application, may be found on MDEQ's website at www.deq.state.ms.us or by calling 601-961-5171. [WPC-1]
S-6	RESIDENTIAL SUBDIVISION - EXPANSIONS: For subsequent phases, expansions and major modifications of subdivision development that are proposed but were not included in the original SWPPP, the coverage recipient shall submit to MDEQ the Major Modification Form (see Large Construction Forms Package). [WPC-1]

ACT4 (LCGP) Large Construction Notice of Intent (LCNOD):

Submittal/Action Requirements:

Condition No.	Condition
S-1	DEADLINES FOR NOTIFICATION: Persons desiring coverage for a storm water discharge associated with construction activity under this general permit must submit a LCNOD Form with the required submittals. The LCNOD should be submitted at least 30 days prior to the commencement of construction activities. Discharge of storm water without written notification of coverage under this permit or issuance of an individual National Pollutant Discharge Elimination System (NPDES) Storm Water Permit is a violation of the Mississippi Air and Water Pollution Control Law 49-17-29(2)(b). [WPC-1]
S-2	REQUIRED SUBMITTALS WITH THE LCNOD: Submittals required with a completed LCNOD include a site-specific SWPPP associated with the construction activities, a United States Geological Survey (USGS) quad map, or photocopy, extending at least 1/2 mile beyond the facility property boundaries with the site location outlined or highlighted. [WPC-1]
S-3	ADDITIONAL SUBMITTALS MAY INCLUDE THE FOLLOWING: (1) Appropriate Section 404 documentation from U.S. Army Corps of Engineers, (2) Appropriate documentation concerning future disposal of sanitary sewage and sewage collection system construction, (3) Appropriate documentation from the MDEQ Office of Land & Water concerning dam construction and low flow requirements, and/or (4) Approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties in the form of a signed certification by the official responsible for the wastewater treatment facility that will serve the proposed project. [WPC-1]
S-4	ADDITIONAL NOTIFICATION: The covered owner or operator must notify the Permit Board at least 30 days before any planned changes of ownership or whenever there are any changes in information previously submitted in the LCNOD Form. [WPC-1]

ACT4 (continued):

Narrative Requirements:

Condition No.	Condition
T-1	WHERE TO OBTAIN LCNOI FORMS: LCNOI Forms may be obtained from the MDEQ at the address shown below or by calling 601-961-5171. LCNOI Forms, as well as the general permit and guidance manual, may be found on the MDEQ web site at www.deq.state.ms.us. Coverage under this permit will not be granted until all other required MDEQ permits, certifications and approvals are satisfactorily addressed. [WPC-1]
T-2	WHERE TO SUBMIT THE LCNOI: Complete and appropriately signed LCNOI Forms must be submitted to: Chief, Environmental Permits Division Mississippi Department of Environmental Quality Office of Pollution Control P.O. Box 2261 Jackson, Mississippi 39225 For priority or overnight deliveries, the physical address is: 515 East Amite Street Jackson, Mississippi 39201. [WPC-1]
T-3	FAILURE TO NOTIFY: Persons who discharge storm water associated with Large Construction activity to waters of the State without an NPDES permit are in violation of the Mississippi Air and Water Pollution Control Law 49-17-29(2)(b). [WPC-1]

ACT5 (continued):

Narrative Requirements:

Condition No.	Condition
T-3	SWPPP CONTENT (continued): (5) Minimize sediment discharges from the site. The design, installation and maintenance of erosion and sediment controls must address factors such as the amount, frequency, intensity and duration of precipitation, the nature of resulting storm water runoff, and soil characteristics, including the range of soil particle sizes expected to be present on the site; (6) Provide and maintain natural buffers around surface waters, direct storm water to vegetated areas to increase sediment removal and maximize storm water infiltration, unless infeasible; and (7) Minimize soil compaction and, unless infeasible, preserve topsoil; (8) Direct storm water to vegetated areas, brush barriers, silt fences, hay bales, etc. to aid in the filtration, infiltration, velocity reduction and diffusion of the discharge; (9) Transport runoff down steep slopes through lined channels or piping; (10) Minimize the amount of cut and fill, and soil compaction; and (11) Minimize off-site vehicle tracking of sediments. [WPC-1]

ACT5 (continued):**Narrative Requirements:**

Condition No.	Condition
T-5	(2) Structural practices shall divert flows from exposed soils, store flows or otherwise limit runoff from exposed areas. Such practices may include, but are not limited to, construction entrance/exit, silt fences, earth dikes, brush barriers, drainage swales, check dams, subsurface drains, pipe slope drains, level spreaders, drain inlet protection, outlet protection, detention/retention basins, sediment traps, temporary sediment basins or equivalent sediment controls. Specific practices that must be included, unless infeasible, are: (A) For drainage locations (a drainage point at boundary of land disturbing activity) that serve an area with ten (10) or more disturbed acres at one time, a temporary (or permanent) sediment basin providing at least 3600 cubic feet (133 cubic yards) of storage per acre drained shall be provided until final stabilization of the site. Sediment basins must be installed before major site grading and utilize outlet structures that withdraw water from the surface and that are designed for a minimum 2-year, 24-hour storm event. If flocculants are being introduced, sediment basins must be downstream of the point of introduction and include baffles to increase sediment removal efficiency and turbidity reduction. Due to the unique characteristics of linear projects, such as the lack of space within project rights of way and having multiple, distributed discharge points, sedimentation basins are not common practices. Therefore, MDEQ will not require the use of sedimentation basins for linear projects disturbing ten (10) or more acres at one time. Appropriate alternate structural practices, such as sediment traps and check dams, must be included in the SWPPP if sediment basins are deemed infeasible. [WPC-1] (B) Steep Slopes (see Definition) that cannot be avoided must have, at a minimum, silt fences or equivalent sediment controls for all down slope boundaries (and for those side slope boundaries deemed appropriate by individual site conditions), unless a sediment basin providing storage for a calculated volume of runoff from a 2-year, 24-hour storm or 3,600 cubic feet of storage per acre drained is provided. (C) Construction entrances/exits shall be installed wherever traffic will be leaving a construction site and moving directly onto a paved public road. (D) Storm Drain Inlets-Inlets that could receive storm water form construction activities shall be protected by surrounding or covering with a filter material until final stabilization has been achieved. [WPC-1]
T-6	

ACT5 (continued):

Narrative Requirements:

Condition No.	Condition
T-10	Flocculant Application: Flocculants, meeting the criteria contained in ACT8 and used in accordance with manufacturer's instructions, may be incorporated as part of an overall storm water management system. If flocculant application is proposed, the SWPPP must list the proposed flocculants to be used, describe the method, frequency and location of introduction, and identify the location of BMPs where flocculated material will settle. [WPC-1]
T-11	Prepare Scaled Site Map(s): The owner or operator shall prepare a scaled site map showing: (1) Boundaries of property and proposed construction activities, noting any phasing of construction activities, (2) Original and proposed contours (if feasible), with steep slopes identified, (3) North arrow, (4) Drainage pattern arrows, (5) Location of sensitive areas, such as wetlands, perennial streams and adjacent receiving water bodies, (6) Location of any storm drain inlets, (7) All erosion and sediment controls (vegetative and structural), (8) Any post-construction control measures, and (9) Location of housekeeping practices. If flocculant application is proposed, the location(s) of the following items shall be marked and labeled on the site map. (1) Flocculant introduction point(s), and (2) BMPs where flocculated material will settle. If the construction project is a linear construction project (e.g., pipeline, highway, etc.), a scaled site map is not required, however standard diagrams (e.g., cross sections showing dimensions and labeled components) of erosion and sediment controls to be used must be submitted. [WPC-1]
T-12	Implementation Sequence: The SWPPP shall outline an implementation sequence (including any phasing of construction activities), which coordinates the timing of all major land-disturbing activities together with the necessary erosion and sedimentation control measures planned for the project. [WPC-1]

ACT5 (continued):

Narrative Requirements:

Condition No.	Condition
T-17	Example Storm Water Pollution Prevention Plans (SWPPPs): Example SWPPPs are included in the Mississippi Storm Water Pollution Prevention Plan Guidance Manual for Construction Activities as well as the MDEQ Registration Form for Individual Residential Lots The Mississippi Storm Water Pollution Prevention Plan Guidance Manual for Construction Activities is also available online at: http://www.deq.state.ms.us/MDEQ.nsf/pdf/epd_conguidman/\$File/ConstructionGM.pdf The MDEQ Registration Form for Individual Residential Lots is in the Large Construction Forms Package, which is available online at: http://www.deq.state.ms.us/MDEQ.nsf/pdf/epd_Large_Construction_Forms_Package/\$File/LARGE_CONST_FORMS_PACKAGE.pdf US EPA also lists example SWPPPs on their website at: http://cfpub.epa.gov/npdes/stormwater/swppp.cfm#model. [WPC-1]

ACT6 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-2	IMPLEMENTATION REQUIREMENTS (continued): (6) Install needed erosion controls even if they may be located in the way of subsequent activities, such as utility installation, grading or construction. It shall not be an acceptable defense that controls were not installed because subsequent activities would require their replacement or cause their destruction. (7) Install additional and/or alternative erosion and sediment controls when existing controls prove to be ineffective in preventing sediment from leaving the site. (8) Comply with applicable State or local waste disposal, sanitary sewer or septic system regulations (9) Erosion and sediment controls shall be maintained at all times. Except for sediment basins, all accumulated sediment shall be removed from structural controls when sediment deposits reach one-third to one-half the height of the control. For sediment basins, accumulated sediment shall be removed when the capacity has been reduced by 50%. All removed sediment deposits shall be properly disposed. Non-functioning controls shall be repaired, replaced or supplemented with functional controls within twenty-four (24) hours of discovery or as soon as field conditions allow. (10) If, after coverage issuance, a specific wasteload allocation is established that would apply to the facility's discharge, the facility must implement steps necessary to meet that allocation. [WPC-1]
S-3	COMPLIANCE WITH LOCAL STORM WATER ORDINANCES: (1) The SWPPP shall be in compliance with all local storm water ordinances. (2) When storm water discharges into an MS4 (municipal separate storm sewer system), the owner or operator shall make the SWPPP available to the local authority and/or allow site access, upon request. [WPC-1]

ACT7 (LCGP) Limitation Requirements:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		NON-NUMERIC LIMITATION REQUIREMENTS: Storm water discharges shall be free from: (1) Debris, oil, scum, and other floating materials other than in trace amounts, (2) Eroded soils and other materials that will settle to form objectionable deposits in receiving waters, (3) Suspended solids, turbidity and color at levels inconsistent with the receiving waters, (4) Chemicals in concentrations that would cause violation of State Water Quality Criteria in the receiving waters. [WPC-1]

ACT9 (LCGP) Optional Monitoring:

Narrative Requirements:

Condition No.	Condition
T-1	Monitoring under this general permit is strictly voluntary, the results of which will not be required to be documented and/or reported. At the time of the issuance of this general permit, the U.S. EPA had temporarily stayed the numeric effluent limit for construction storm water that was prescribed in the December 1, 2009 Effluent Limitation Guidelines and Standards for the Construction and Development Point Source Category Final Rule (ref. Federal Register, Vol. 74, No. 229, pages 62996-63058). Accordingly, this general permit does not contain a numeric effluent limit for construction storm water discharges. The optional effluent monitoring provisions of this section are included as guidance to coverage recipients that may be interested in evaluating and optimizing the effectiveness of storm water BMPs in anticipation of a mandatory effluent limit being incorporated in the next general permit re-issuance (scheduled to occur in 2015). The following guidelines were developed based on the above referenced final rule and will likely be the basis of mandatory monitoring requirements of a subsequent general permit re-issuance in the event a final federal numeric effluent limit is promulgated by the expiration date of this general permit. [WPC-1] (1) Monitor the turbidity of each storm water discharge from actively disturbed areas of the project site for each work day the discharge occurs. Actively disturbed areas are those portions of the project site that have undergone soil disturbing activities (i.e., clearing, grading, filling, excavating, etc.) and have not been stabilized. (A) Monitoring should be conducted for each point of storm water discharge from the project site. For the purpose of this permit, a discharge point means any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, or container from which storm water and/or pollutants are, or may be, discharged. (B) Diffuse storm water, such as non-channelized flow that infiltrates into a vegetated area, and does not then discharge to surface waters, would not generally require monitoring. (2) Due to the unique characteristics of linear projects, portions may have suspended construction activity and have undergone temporary or final stabilization (see Definitions) while other portions of the same project may have active construction activities. Therefore, in recognition of these unique regulatory circumstances only those areas that have active construction activities will require numeric turbidity monitoring. Those areas that have been completed and stabilized will not require turbidity monitoring. [WPC-1]
T-2	

ACT9 (continued):

Narrative Requirements:

Condition No.	Condition
T-4	(C) Monitoring may be accomplished via portable turbidity meters or fixed automated sampling/meter stations. (i) Monitoring should be based on grab samples for portable meters. (ii) Automated samplers should be programmed to yield a minimum of three (3) representative readings per discharge, per day. (iii) Daily turbidity averages should be the average of all monitoring results collected on the day of discharge for the respective discharge point(s). For example, if there were five (5) turbidity readings in a given day, then the average turbidity for that day would be the average of all five (5) readings. (D) Grab samples should be collected according to the following methodology to ensure that each sample is representative of the flow conditions and other characteristics of the discharge. (i) Collect samples from the horizontal and vertical center of the storm water outfall channel(s) or other sources of concentrated flow. (ii) Avoid stirring the bottom sediments in the storm water channel in which samples are taken by not walking through the areas of storm water flow or disturbing the sediment with the sampling device. (iii) Hold sampling container so that the opening faces the upstream direction of the storm water channel in which samples are taken. (iv) Avoid overfilling sample container. (E) Monitoring should be conducted for any discharge that occurs during the normal working hours of the project site. [WPC-1]

ACT10 (LCGP) Record Keeping and Reporting Requirements:

Record-Keeping Requirements:

Condition No.	Condition
R-1	RETENTION OF RECORDS: All records, reports, forms and information resulting from activities required by this permit shall be retained for a period of at least three (3) years from the date that the document(s) was generated. [WPC-1]

Submittal/Action Requirements:

Condition No.	Condition
S-1	SUSPENSION OF WEEKLY INSPECTIONS AND MONTHLY RECORD KEEPING: Coverage recipients under this general permit may suspend weekly inspection and monthly record keeping requirements, if the coverage recipient certifies that: (1) Land disturbing activities have temporarily ceased, (2) No further land disturbing activities are planned for a period of at least six (6) months, (3) Areas that have been disturbed meet the definition of "final stabilization" (see Definitions), with no active erosion, and (4) Vegetative cover has been established.

Color photographs representative of the site must be submitted with the Inspection Suspension Form provided in the Large Construction Forms Package. The coverage recipient shall notify the MDEQ once construction activities are resumed and the weekly inspections shall commence immediately and as required in ACT6, S-4. The coverage recipient is still responsible for all permit conditions during the suspension period and nothing in this condition shall limit the rights of the MDEQ to take enforcement or other actions against the coverage recipient. [WPC-1]

ACT11 (LCGP) Termination of Permit Coverage:

Submittal/Action Requirements:

Condition No.	Condition
S-1	Within thirty (30) days of final stabilization (see Definition of Final Stabilization (1)) for a covered project, a completed Request for Termination (RFT) of Coverage form (provided in the Large Construction Forms Package) shall be submitted to the Permit Board. Upon receiving the completed RFT, the MDEQ staff will inspect the site. If no sediment and erosion control problems are identified and adequate permanent controls are established, the owner or operator will receive a termination letter. Coverage is not terminated until notified in writing by MDEQ. Failing to submit a RFT is a violation of permit conditions. The coverage recipient of a "larger common plan of development or sale" must submit a RFT within thirty (30) days after the following conditions are met: (1) Final stabilization (see Definition of Final Stabilization (2)) has been achieved on all portions of the site for which the coverage recipient is responsible, and (2) Other owner(s) or operator(s) have assumed control (by completing a LCN01 or MDEQ Registration Form) over all areas of the site that have not achieved final stabilization. The coverage recipient of a residential "larger common plan of development or sale" must submit a copy of the MDEQ Registration Form for each lot sold with the RFT. Residential lot owners or operators that have completed the MDEQ Registration Forms are not required to submit a RFT, unless specifically requested by the MDEQ staff. The lot permit coverage is considered terminated upon "successful completion of all permanent erosion and sediment controls" (see Definitions). [WPC-1]

ACT12 (continued):

Narrative Requirements:

Condition No.	Condition
T-7	SIGNATORY REQUIREMENTS: All LCNNOs and requests for recovery shall be signed as follows: (1) For a corporation by a responsible corporate officer. For this permit, a responsible corporate officer means: (A) A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or (B) The manager of one or more manufacturing, production or operating facilities, provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures; Note: MDEQ does not require specific assignments or delegations of authority to responsible corporate officers identified in paragraph (1)(A) above. The Department will presume that these responsible corporate officers have the requisite authority to sign permit applications unless the corporation has notified the Permit Board to the contrary. Corporate procedures governing authority to sign permit applications may provide for assignment or delegation to applicable corporate positions under paragraph (1)(B) above rather than to specific individuals. (2) For a partnership or sole proprietorship by a general partner or the proprietor, respectively; or (3) For a municipal, State, Federal, or other public agency by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes: (A) The chief executive officer of the agency, or (B) A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency. [WPC-1]

ACT12 (continued):**Narrative Requirements:**

Condition No.	Condition
T-11	PROPER OPERATION AND MAINTENANCE: The coverage recipient shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the coverage recipient to achieve compliance with the conditions of this permit including the Storm Water Pollution Prevention Plan. Proper operation and maintenance includes adequate laboratory controls with appropriate quality assurance procedures and requires the operation of backup or auxiliary facilities when necessary to achieve compliance with permit conditions. [WPC-1]
T-12	MONITORING AND RECORDS: (1) Monitoring. Samples and measurements shall be representative of the monitored activity and must be conducted according to test procedures approved under 40 CFR Part 136. (2) Retention of Records. The owner or operator shall retain records of all required monitoring information for a period of at least three years from the date of the measurement, report, or application. This information includes all calibration and maintenance records, all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the Notice of Intent to be covered by this permit. This period may be extended by request of the Permit Board or its designee. (3) Record Contents. Records of monitoring information shall include: (A) The date, exact location, and time of sampling or measurements, (B) The initials or names of the individuals who performed the sampling or measurements, (C) The date(s) and time(s) analyses were performed, (D) The initials or names of the individuals who performed the analyses, (E) References and written procedures, when available, for the analytical techniques or methods used, and (F) The results of such analyses, including the bench sheets, instrument readouts, computer disks or tapes, etc., used to determine these results. [WPC-1]

ACT12 (continued):

Narrative Requirements:

Condition No.	Condition
T-15	INSPECTION AND ENTRY: The coverage recipient shall allow the Permit Board staff or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to: (1) Enter upon the owner or operator's premises where a regulated activity is located or conducted or where records must be kept under the conditions of this permit; (2) Have access to and copy at reasonable times any records that must be kept under the conditions of this permit; (3) Inspect at reasonable times any facilities or equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and (4) Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location. [WPC-1]

T-16 PERMIT ACTIONS:

This permit may be modified, revoked and reissued, or terminated for cause. A request by the coverage recipient for permit or coverage modification, revocation and reissuance, or termination, or a certification of planned changes or anticipated noncompliance does not stay any permit condition. [WPC-1]

T-17 NONCOMPLIANCE REPORTING:

- (1) Anticipated Noncompliance. The coverage recipient shall give at least ten (10) days advance notice, if possible, before any planned noncompliance with permit requirements. Giving notice of planned or anticipated noncompliance does not immunize the coverage recipient from enforcement action for that noncompliance.
- (2) Unanticipated Noncompliance. The coverage recipient shall notify the MDEQ orally within twenty-four (24) hours from the time he or she becomes aware of unanticipated noncompliance, which may endanger health or the environment. A written report shall be provided to the MDEQ within five (5) working days of the time he or she becomes aware of the circumstances leading to the unanticipated noncompliance. The report shall describe the cause, the exact dates and times, steps taken or planned to reduce, eliminate, or prevent reoccurrence and, if the noncompliance has not ceased, the anticipated time for correction. MDEQ may waive the written report on a case-by-case basis, if the oral report is received within 24 hours. [WPC-1]

ACT12 (continued):

Narrative Requirements:

Condition No.	Condition
T-22	FALSIFYING REPORTS: Any coverage recipient who falsifies any written report required by or in response to a permit condition shall be deemed to have violated a permit condition and shall be subject to the penalties provided for a violation of a permit condition pursuant to Section 49-17-43 of the Mississippi Water Pollution Control Law (Mississippi Code Ann. Sections 49-17-1 et seq.). [WPC-1]
T-23	CIVIL AND CRIMINAL LIABILITY: (1) Any person who violates a term, condition or schedule of compliance contained within this permit or the Mississippi Air and Water Pollution Control Law is subject to the actions defined by the Mississippi Air and Water Pollution Control Law. (2) Except as provided in permit conditions on "Bypassing" and "Upsets", nothing in this permit shall be construed to relieve the coverage recipient from civil or criminal penalties for noncompliance. (3) It shall not be the defense of the coverage recipient in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [WPC-1]

ACT13 (continued):

Narrative Requirements:

Condition No.	Condition
T-10	DAILY DISCHARGE means the "discharge of a pollutant" measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily average" is calculated as the average measurement of the discharge of the pollutant over the day. [WPC-1]
T-11	EXECUTIVE DIRECTOR means the Executive Director of the Department of Environmental Quality. [WPC-1]
T-12	FACILITY or ACTIVITY means any NPDES "point source" or any other facility or activity (including land or appurtenances thereto) that is subject to regulation under the NPDES program. [WPC-1]
T-13	FINAL STABILIZATION means that either: (1) All soil disturbing activities at the site have been completed, and that a uniform perennial vegetative cover with a density of at least 70% for the area has been established or equivalent measures (i.e., concrete or asphalt paving, rip rap, etc.) have been employed; or (2) For individual lots part of a larger common plan of development or sale in residential or commercial developments, that either: (A) The coverage recipient has completed final stabilization as specified in (1) above, or (B) The coverage recipient has established temporary stabilization before another property owner assumes operational control for the property AND the coverage recipient for the larger common plan of development has provided the appropriate Notice of Intent or Registration form, the appropriate Construction General Permit, and guidance documents to the new property owner and the new owner assumes control by completing the appropriate NOI or Registration Form. [WPC-1]
T-14	GRAB SAMPLE is a sample that is taken from a wastestream on a one-time basis without consideration of the flow rate of the wastestream and without consideration of time. Samples should be collected from the center of the flow channel, where turbulence is at a maximum. [WPC-1]
T-15	INFEASIBLE means there is a site-specific constraint that makes a control technology impossible and/or not reasonable to implement, or that implementing the control would be cost-prohibitive. [WPC-1]

Large Construction Storm Water General Permit

ACT13 (continued):

Narrative Requirements:

Condition No.	Condition
T-23	OWNER or OPERATOR for the purpose of this permit and in the context of storm water associated with construction activity, means any party associated with a construction project that meets either of the following two criteria: (1) The party has operational control over construction plans and specifications, including the ability to make modifications to those plans and specifications; or (2) The party has day to day operational control of those activities at a project which are necessary to ensure compliance with a storm water pollution prevention plan for the site or other permit conditions (e.g., they are authorized to direct workers at a site to carry out activities required by the SWPPP or comply with other permit conditions). This definition is provided to inform coverage recipients of MDEQ's interpretation of how the regulatory definitions of "owner or operator" and "facility or activity" are applied to discharges of storm water associated with construction activity. [WPC-1]
T-24	PERMIT BOARD means the Mississippi Environmental Quality Permit Board established pursuant to Miss. Code Ann. 49-17-28. [WPC-1]
T-25	POLLUTANT is defined at 40 CFR 122.2. A partial listing from this definition includes: dredged spoil, solid waste, sewage, garbage, sewage sludge, chemical wastes, biological materials, heat, wrecked or discarded equipment, rock, sand, sediment, silt, cellar dirt, and industrial or municipal waste. [WPC-1]
T-26	POLYMER FLOCCULANT, for the purpose of this permit, is a chemical that when added to storm water containing small suspended particles (e.g., fine silts and clays) causes the particles to stick together and fall out of suspension, reducing the overall turbidity of the storm water discharge. [WPC-1]
T-27	QUALIFIED PERSONNEL means a person knowledgeable in the principles and practice of erosion and sediment controls who possesses the skills to assess conditions at the construction site that could impact storm water quality and to assess the effectiveness of any sediment and erosion control measures selected to control the quality of storm water discharges from the construction activity. [WPC-1]
T-28	STATE LAW means The Mississippi Air and Water Pollution Control Law, specifically, Miss. Code Ann 49-17-1 through 49-17-43, and any subsequent amendments. [WPC-1]
T-29	STEEP SLOPES, as used in this permit, means slopes or grades steeper than (3:1). [WPC-1]
T-30	STORM WATER means rainfall runoff, snowmelt runoff, and surface runoff. [WPC-1]
T-31	STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY as used in this permit, refers to a discharge of pollutants in storm water from areas where soil disturbing activities (e.g., clearing, grading, or excavation), construction materials or equipment storage or maintenance (e.g., stock piles, borrow area, concrete truck chute wash down, fueling) are located. [WPC-1]

ACT13 (continued):

Narrative Requirements:

Condition No.	Condition
T-42	WPC-1 means the State of Mississippi's Wastewater Regulations for National Pollutant Discharge Elimination System (NPDES) Permits, Underground Injection Control (UIC) Permits, State Permits, Water Quality Based Effluent Limitations and Water Quality Certifications. [WPC-1]

PART 6

TECHNICAL SPECIFICATIONS

SECTION S-101 - DEFINITIONS AND TERMS

Wherever in these specifications or in other contract documents the following terms or pronouns in place of them are used, the intent and meaning shall be interpreted as follows:

S-101.01--Abbreviations. Wherever the following abbreviations are used, with or without periods, in these specifications or other contract documents, they are to be construed the same as the respective expressions represented:

AAN	American Association of Nurserymen
AAR	Association of American Railroads
AASHTO	American Association of State Highway and Transportation Officials
ACI	American Concrete Institute
AGC	Associated General Contractors
AIA	American Institute of Architects
AIEE	American Institute of Electrical Engineers
AISC	American Institute of Steel Construction
AISI	American Iron and Steel Institute
AITC	American Institute of Timber Construction
ANSI	American National Standards Institute
AOAC	Association of Official Analytical Chemists
API	American Petroleum Institute
APWA	American Public Works Association
ARA	American Railway Association
ARBA	American Road Builders Association
AREA	American Railway Engineering Association
ARTBA	American Road and Transportation Builders Association
ASCE	American Society of Civil Engineers
ASLA	American Society of Landscape Architects
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials
AWG	American Wire Gage
AWPA	American Wood Preservers Association
AWS	American Welding Society
AWWA	American Water Works Association
BMP	Best Management Practices
CBR	California Bearing Ratio
CFR	Code of Federal Regulations
CRSI	Concrete Reinforcing Steel Institute
CCR	Construction Change Request
CS	Commercial Standards, U. S. Department of Commerce
CSPI	Corrugated Steel Pipe Institute
CWA	Clean Water Act
DEQ	Department of Environmental Quality
EIA	Electronic Industries Association
EOSE	Estimated On Site Excavation
EPA	Environmental Protection Agency
FHWA	Federal Highway Administration
FM	Final Measure
FME	Final Measure Embankment
FSS	Federal Specifications and Standards (General Services Administration)
HMA	Hot Mix Asphalt

HRB	Highway Research Board
ID	Inside Diameter
IES	Illuminating Engineering Society
IMSA	International Municipal Signal Association
IPS	Interior Pipe Size
IS	Interim Specification
ITE	Institute of Traffic Engineers
LVM	Loose Vehicular Measure
MAPA	Mississippi Asphalt Pavement Association
MBM	Thousand Feet Board Measure
MDEQ	Mississippi Department of Environmental Quality
MDOT	Mississippi Department of Transportation
MS	Military Specifications
MSG	Manufacturers Standard Gage
MUTCD	Manual on Uniform Traffic Control Devices
NACE	National Association of Corrosion Engineers
NAPA	National Asphalt Pavement Association
NBC	National Building Code
NBS	National Bureau of Standards
NEC	National Electric Code
NEMA	National Electrical Manufacturers Association
NPC	National Plumbing Code
NPDES	National Pollutant Discharge Elimination System
NSF	National Sanitation Foundation
NTB	Notice To Bidders
OD	Outside Diameter
OSHA	Occupational Safety and Health Administration
PCI	Prestressed Concrete Institute
PM	Plan Measure
RAP	Recycled Asphalt Pavement
RCRA	Resource Conservation and Recovery Act
SA	Supplemental Agreement
SAE	Society of Automotive Engineers
SP	Special Provisions
SS	Supplemental Specifications
SSPC	Steel Structures Painting Council
SWPPP	Storm Water Pollution Prevention Plan
TRB	Transportation Research Board
TSR	Tensile Strength Ratio
UL	Underwriters Laboratories, Inc.
UNC	Upset National Coarse Threaded Bolts
UST	Underground Storage Tank

S-101.02--Definitions.

Additive - A substance or agent added in small amounts to a basic ingredient of a mixture prior to mixing.

Admixture - A substance or agent added in small amounts to the basic ingredients of a mixture during the mixing process.

Advertisement - The public announcement, as required by law, inviting bids for work to be performed or materials to be furnished.

Alternate Designs - Alternate design of construction or of construction and materials designated in the bid schedule of the proposal as Alternate Designs which must be pre-selected by the Contractor and indicated on his bid. Alternate Designs may contain Alternate or Optional Items.

Alternate Items - Alternate pay items of work, or materials and work designated in the bid schedule of the proposal as Alternate Items, with separate pay item numbers, and which must be preselected by the Contractor and indicated on his bid.

Award - The acceptance by the Owner of a bid.

Base Course - The layer or layers of specified or selected material of designed thickness placed on a subbase or a subgrade to support a pavement.

Basement Soils - That portion of the roadway in embankment areas below the design soil and to the bottom of the embankment or undercut, whichever is lower, and that portion of the earthwork in cut areas below the design soil and to the bottom of any undercut or other treatment required, whichever is lower.

Bidder - An individual, firm, partnership or corporation formally submitting a bid for the advertised work.

Binder Course - A combination of graded aggregate and bituminous material which constitutes the lower layer or layers of a flexible pavement, but not part of bituminous base or subbase course.

Board - The legally elected Alderman of the City who are responsible for the project and are shown as the party of the first part to the contract.

Borrow - Suitable material from approved sources outside the roadway prism, used primarily for embankments.

Box Bridge - A box culvert having a clear distance between inside face of the end supports exceeding 20 feet measured along the centerline of the roadway.

Bridge - A structure, including supports, erected over a depression or an obstruction, as water, highway, or railway, and having a track or passageway for carrying traffic or other moving loads and having a length measured along the center of the roadway of more than 20 feet between undercopings of abutments or extreme ends of openings for multiple boxes.

Bridge Length - The length of a bridge structure is the overall length measured along the line of survey stationing back to back of backwalls of abutments, if present, otherwise end to end of the bridge floor; but in no case less than the total clear opening of the structure.

Bridge Roadway Width - The clear width measured at right angles to the longitudinal centerline of the bridge between the bottom of curbs or railing.

Bridge Site - Unless otherwise specified in the contract, the bridge site shall be the entire area between the right-of-way lines and between lines paralleling the bridge ends and passing through the longitudinal extremities of the substructure or superstructure, whichever is greater.

Calendar Day - Any day shown on the calendar, beginning and ending at midnight.

Catastrophic Event - Slides, flooded major streams when such flood is determined to be in excess of the design stage; earthquakes, tornadoes, hurricanes, and other such disastrous phenomena of nature.

Commission - The Mississippi Transportation Commission.

Conformity - The degree of perfection required for the materials furnished and the work performed, and determined:

- (a) In the case of a "specified" value of a measurable characteristic, as set out in S-700.04.
- (b) In the case of a required "minimum" or "maximum" value of a measurable characteristic, as set out in S-700.04.
- (c) In the case of a required non-measurable characteristic, as being satisfactory to the Engineer.

Construction Change Request - An approved written order covering changes in the plans or quantities or both, within the scope of the contract, and establishing the basis of payment and time adjustments for the work affected by the changes.

Contract - The written agreement between the Owner, the Contractor and the Engineer setting forth the obligations of the parties thereunder, including but not limited to, the performance of the work, the furnishing of labor and materials, and the basis of payment.

The contract includes the invitation for bids, proposal, contract form and contract bond, specifications, supplemental specifications, general and detailed plans, special provisions, notices to bidders, and also any construction change requests and agreements that are required to complete the construction of the work in an acceptable manner, including authorized extensions thereof, all of which constitute one instrument.

Contract Bond - The approved form of security, executed by the Contractor and his Surety, guaranteeing complete execution of the contract and all supplemental agreements pertaining thereto and the payment of all legal debts pertaining to the construction of the project.

Contract Documents - All original or official papers relied upon as the basis, proof or support of the contract and shall include papers stated in the definition of the Contract.

Contract Time - The period of time, including authorized extensions, allowed for completion of the work under the contract.

Contract Unit Price - The price established in S-902-Proposal, or by Supplemental Agreement for a specifically described unit of work.

Contractor - The individual, firm, partnership or corporation contracting with the Owner for performance of prescribed work.

Controlling Work - The work or construction operations normally expected to be in progress as determined by the Engineer.

County - The county in which the work specified is to be performed.

Cross Slope - The rate of transverse slope in a roadbed element.

Culvert - Any structure not classified as a bridge which provides an opening under the roadway.

Department - The Mississippi Department of Transportation.

Design Grade - Design grade is any intermediate control grade at a vertical distance, as established on the typical section of the plans for the various intermediate courses, below profile grade.

Design Soil - That portion of the roadbed consisting of the top three feet of untreated or treated soils in excavated sections and embankments.

Detour - A designated existing route around a construction site.

Director - The Executive Director of the Mississippi Department of Transportation acting directly or through his authorized representatives.

Diversion - Temporary rerouting of traffic on a construction site.

Documentation - Written evidence recorded by an authorized individual of facts or conditions relating to a particular contractual matter.

Elements of Geometric Design - Those geometric elements of the highway which are defined in the "AASHTO Policy on Geometric Design" in effect at the time bids are received.

Engineer - The Project Engineer, acting directly or through his duly authorized representatives, who is responsible for engineering supervision of the construction.

Equipment - All machinery and equipment, together with the necessary supplies for upkeep and maintenance, and also tools and apparatus necessary for the proper construction and acceptable completion of the work.

Executive Director - The Executive Director of the Mississippi Department of Transportation acting directly or through his authorized representatives.

Extra Work - An item of work not provided for in the contract as awarded, or an item of work provided for in the contract the nature or character of which is changed such as to justify a price adjustment, either of which is found essential in the satisfactory completion of the contract within its intended scope.

Extra Work Order - A CCR/SA concerning the performance of work or furnishing of materials involving extra work. Such extra work may be performed at contract prices or on a force account basis as provided elsewhere in these specifications.

Fixed Contract Unit Price - When the bid schedule of the proposal form indicates a fixed contract unit price (FCP), this price shall become the contract price for that item and shall be used in determining the total amount of the proposal.

Foreign Materials - Foreign materials are defined as being any material or manufactured product whose manufacturing process takes place outside the United States.

Hazardous Waste - Wastes that are regulated or “listed” under RCRA(40 CFR 261), or are ignitable, corrosive, reactive or toxic.

Highway, Street, or Road - A general term denoting a public way for purposes of vehicular travel, including the entire area within the right-of-way.

Holidays, Legal- In the State of Mississippi, holidays occur on:

January 1	New Year's Day
Third Monday in January	Robert E. Lee's and Dr. Martin Luther King, Jr.'s Birthday
Third Monday in February	Washington's Birthday
Last Monday in April	Confederate Memorial Day
Last Monday in May	National Memorial Day and Jefferson Davis' Birthday
July 4	Independence Day
First Monday in September	Labor Day
November 11	Armistice (Veterans') Day
Thanksgiving Day	As Proclaimed
December 25	Christmas Day

When a legal holiday falls on a Saturday or Sunday, the following Monday will be observed as a legal holiday.

Inspector- The Engineer's authorized representative assigned to make detailed inspections of contract performance.

Invitation for Bids - The advertisement for proposals for all work or materials on which bids are required. The advertisement will indicate with reasonable accuracy the quantity and location of the work to be done or the character and quantity of the material to be furnished and the time and place of the opening of proposals.

Laboratory - The testing laboratory utilized by the Contractor.

Legend - The words, letters and arrows, and other symbols shown on the plans and designated as legend, required to be placed on the surface of a pavement in the form of paint and glass beads, thermoplastic and glass beads or other similar specified materials, to serve as pavement markings.

Local Traffic - Traffic whose origin or destination is adjacent to that part of the project under construction.

Major and Minor Contract Items - A major item of work shall be defined as an item whose total monetary value, determined by multiplying the proposal quantity by the contract unit price, is equal to or greater than five percent of the original total contract amount. Unless otherwise specifically shown in the contract, all other items shall be considered minor items. Minor items shall become major items when increased to the extent that the total monetary value of such item at the original contract unit price is equal to or greater than five percent of the original total contract amount. A major item of work will remain a major item of work unless it is completely eliminated, or reduced by Supplemental Agreement for the purpose of substituting another item(s) in lieu thereof. When an item is eliminated, it shall be treated as provided for under S-109.05.

Materials - Any substances specified for use in the construction of the project and its appurtenances.

Notice to Bidders - All notices, issued to the prospective bidders, pertaining to or establishing requirements governing the submission of proposals, quantities or qualities of materials or work, the performance of the work, or payment therefor.

Notice to Contractors - Pre-bidding notices to prospective bidders, including the advertisement and other pertinent pre-bid information labeled as Notice to Contractors.

Notice to Proceed - Written notice to the Contractor to proceed with the contract work including, when applicable, the date of beginning of contract time.

Omitted Section - A section within the designated project limits in which no work (excluding construction signing, approaches and/or temporary connections) is to be performed, and the Contractor does not have any responsibility for maintenance of the roadway or traffic unless specifically provided of in the contract.

Optional Items - Items listed in the bid schedule of the proposal which are considered to be comparable for the purpose intended and from which the Contractor is not required to make a selection prior to or at the time of execution of the contract.

Pavement - The portion of the roadbed constructed upon the base course and specifically constructed as the contact element for vehicular traffic.

Pavement Structure - The combination of a pavement, a base course and, when specified, a subbase course, placed on a subgrade to support the traffic load and distribute it to the roadbed.

Pay Item - A specifically described unit of work for which a price is provided in the contract.

Plans - The approved plans, profiles, typical cross-sections, working drawings and supplemental drawings, or exact reproduction thereof, which show the location, character, dimensions, and details of the work to be done.

Profile Grade - The trace of a vertical plane intersecting the top surface of the proposed wearing surface as shown on the plans or established by the Engineer, usually along the longitudinal centerline of the roadbed. Profile grade means either elevation or gradient of such trace according to the context.

Project - The specific section of the highway together with the appurtenances and construction to be performed thereon under the contract.

Proposal - The offer of a bidder, on the prescribed form, to perform the work at the prices quoted.

Proposal Form - The approved form on which the Engineer requires bids to be prepared and submitted for the work.

Proposal Guaranty - The certified check, cashier's check or bid bond furnished with the bid to guarantee that the bidder will enter into a contract for the work and furnish acceptable bond if his bid is accepted.

Qualified prison facility - Any prison facility in which convicts, during the 12 month period ending July 1, 1987, produced materials for use in Federal Aid highway construction projects.

Retainage - A general term denoting funds withheld from partial payments.

Right-of-Way - A general term denoting land, property, or interest therein, usually in a strip, acquired for or devoted to a highway and its appurtenances.

Roadbed - The graded portion of a highway within top and side slopes prepared as a foundation for pavement structure and shoulders.

Roadside - A general term denoting the area adjoining the outer edge of a roadway.

Roadside Development - Those items necessary to the complete highway which provide for the preservation of landscape materials and features; the rehabilitation and protection against erosion of all areas disturbed by construction through seeding, sodding, mulching and the placing of other ground covers; and such suitable planting, other improvements and public facilities as may increase the effectiveness and usefulness and enhance the appearance of the highway.

Roadway - All surface portions of the highway between shoulder lines. Divided highways are considered to have two roadways.

Roadway Structure - All vertical and horizontal elements of the work, exclusive of bridges, designed to provide and support the roadway.

Shoulders - The portion of the roadway contiguous with the traveled way for the lateral support of the other elements of the pavement structure, and for emergency use of stopped vehicles.

Sidewalk - That portion of the road, highway, or street primarily constructed for use by pedestrians.

Special Provisions - Additions and revisions to the standard and supplemental specifications covering conditions peculiar to an individual project, and included in the proposal assemblies.

Specifications - A general term applied to all directions, provisions and requirements pertaining to performance of the work or materials to be used.

State - The State of Mississippi acting through its authorized representative.

Structures - Bridges, culverts, catch basins, drop inlets, retaining walls, cribbing, manholes, endwalls, buildings, sewers, service pipes, underdrains, foundation drains, and similar features which may be required in the work.

Subbase Course - The layer(s) in the pavement structure between the design soil and the base course. Treated portions of the design soil may be considered as subbase or a portion thereof when its treatment or stabilization is sufficient to adequately improve the bearing value.

Subcontractor - An individual, firm, partnership or corporation to whom the Contractor, with the written consent of the Owner and the Engineer, sublets part of the contract.

Subgrade - The top surface of a design soil upon which the pavement structure and shoulders are constructed.

Substructure - Those parts of a bridge below the bearings of simple and continuous spans, below the bottom surface of concrete box girder spans in which the piers form an integral part of the span-pier entity, or below wingwalls of abutments.

Superintendent - The Contractor's authorized representative in responsible charge of the work.

Superstructure - All parts of a bridge above and exclusive of the substructure.

Supplemental Agreement - A written agreement by the parties of the contract covering alterations or extra work necessary for the completion of the contract.

Surety - The corporate body, qualified under the laws of Mississippi, which is bound with and for the successful bidder by the "bid bond" to execute a satisfactory contract with and for the Contractor for the acceptable performance of the contract and for his payment of all legal taxes and debts pertaining to the construction of the project, including payment of State Sales Tax as prescribed by law.

Temporary Structures - Structures required to maintain traffic while the Contractor constructs structures. The temporary structure shall include the earth approaches thereto unless otherwise specified.

The Work - The furnishing of all labor, materials, equipment, and incidentals necessary to the successful completion of the project and the carrying out of the duties and obligations imposed by the contract.

Titles (or Headings) - The titles or headings of the sections and subsections herein are intended for convenience of reference and shall not be considered as having any bearing on their interpretation.

Township, Town, City or District - A subdivision of the County used to designate or identify the location of the proposed work.

Traveled Way - A portion of the roadway improved, designed or ordinarily used for vehicular travel, exclusive of shoulders or berms.

Work Order - A written order, signed by the Engineer, of a contractual status requiring performance by the Contractor without negotiation of any sort.

Working Day - A calendar day, exclusive of the days listed below, on which weather and soil conditions are such that the Contractor can proceed with construction for seven (7) consecutive daylight hours with normal working forces engaged in performing the controlling work which would be in progress at that time. Excluded days are:

1. Saturdays
2. Sundays
3. State recognized legal holidays
4. Days on which delays are attributable to:
 - (a) The County or State
 - (b) Governmental Authorities
 - (c) Catastrophic events
 - (d) Awaiting growth and coverage of planted vegetation, waiting for prime or concrete to cure, or other specific conditions set out elsewhere in the contract

State recognized legal holidays are as set out in this Subsection. When a legal holiday falls on a Saturday or Sunday, the following Monday will be observed as a legal holiday.

The controlling work will be determined after careful consideration of the Contractor's operation(s) of construction that normally should be in progress at that time, as essential to the orderly completion of the work within the time allowed.

The acceptance of any progress payment accompanying any estimate, without written protest, shall be acknowledgment by the Contractor that the number of working days shown on the estimate are correct. The number of working days shall be indicated in the proposal and counted from the designated date for beginning work or date work actually began, whichever occurs first, to the date of final acceptance.

Working Drawings - Stress sheets, shop drawings, erection plans, falsework plans, framework plans, cofferdam plans, bending diagrams for reinforcing steel, or any other supplementary plans or similar data which the

Contractor is required to submit to the Engineer for approval.

S-101.03. Whenever in these specifications terms not defined herein are used to identify geometric elements of the work, such terms shall be understood to have the meaning as established by AASHTO, and current at the time bids are received.

S-101.04--Presumption. To avoid repetition of expressions, it is provided that any directive, action or opinion that is not so denoted shall be understood to be followed by the words "by the Engineer" or "to the Engineer."

SECTION S-102 - BIDDING REQUIREMENTS AND CONDITIONS

S-102.00--Advertisement. In conformity with State law, the Owner will publish a Notice to Contractors giving notice of a request for bids. This notice will become one of the contract documents if award is made.

The advertisement will state the time and place for submission of sealed proposals; the location and description of the proposed work; estimates of the quantities and kinds of work to be performed or materials to be furnished and a schedule of pay items for which unit bid prices are asked; specified contract time; and instructions to bidders regarding proposal forms, basis of award, proposal guaranty required, plans, specifications, labor requirements, supplemental specifications and/or special provisions, and other pertinent information. Proof of publication of advertisement shall be available at the time of opening of bids.

S-102.01--Prequalification of Bidders. Information may be required from time to time from prospective bidders before issuing proposals.

The attention of prospective bidders is directed to all fees and taxes required for the privilege of doing business within the State.

As a condition precedent to the opening of a bid financed wholly with State funds and which is equal to or in excess of 50,000 dollars, the bidder must have a Certificate of Responsibility issued by the Mississippi State Board of Contractors and the certificate number must be shown on the outside of the sealed envelope containing the bid proposal. When a bid is less than 50,000 dollars, a Certificate of Responsibility is not required but either the statement, "Bid less than 50,000 dollars" or a certificate number must be shown on the envelope.

In addition, prospective bidders are reminded of the requirements set forth by the Mississippi State Board of Public Contractors that the classification of a contractor, as registered with the Board, must be the same as the nature of the proposed work on which the bid will be submitted.

When two or more persons, firms, partnerships or corporations are submitting a joint proposal, each of the persons, firms, partnerships or corporations may be required to comply with the above prequalification requirements.

S-102.02--Contents of Proposal Forms. The proposal forms will state the location and description of the contemplated construction, will show estimates of the quantities and kinds of work to be performed or materials to be furnished, and will have a schedule of items for which unit bid prices are invited.

The proposal form will state the time in which the work must be completed, the amount of the proposal guaranty, and the date, time and place of the opening of proposals. The form will also include supplemental specifications and/or special provisions and requirements which vary from or are not contained in the Standard Specifications.

All papers bound with, attached to, or designated for addition or substitution in the proposal form are considered a part thereof and must not be detached or altered when the proposal is submitted.

The plans, specifications and other documents designated in the proposal form shall be considered a part of the proposal as if attached to and included in the proposal form.

Plans and specifications for the project identified in the Advertisement will be on file in the office of the Engineer.

Prospective bidders will obtain proposals and plans from the Engineer. Cost and other general information concerning the proposal and plans will be as contained in the Notice to Contractors published by the Owner.

S-102.03--Issuance of Proposal Form. The Owner reserves the right to refuse to furnish a prospective bidder with a proposal form for any of the following reasons:

- (a) Lack of competency and adequate machinery, plant, or other equipment, as revealed by the information obtained as provided in S-102.01 or other determinations made by the Owner.
- (b) Uncompleted work which, in the judgment of the Owner and Engineer, might hinder or prevent the prompt completion of additional work if awarded.
- (c) Failure to pay, or satisfactorily settle, all bills due for labor and materials on former contracts in force at the time of issuance of proposals.
- (d) Unsatisfactory performance on previous contracts.
- (e) Failure to promptly reimburse the Owner for any overpayment that might have occurred.
- (f) Actions in bidding or subcontracting which have the effect of limiting competition and violating the competitive bid process; or if any partner, association member, corporate official or individual owner, respectively, has been convicted or entered a plea of guilty or nolo contendere in any legal jurisdiction of the United States or any of the various states of federal or state crimes that involve the restraint of trade or limiting competition in any manner, or has been debarred from bidding on public contracts by the State of Mississippi or any of its agencies; or by one or more of the other States or any of their agencies; or by a federal agency.

S-102.04--Interpretation of Quantities in Bid Schedule. The quantities appearing in the bid schedule are approximate only and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished and accepted in accordance with the contract. The scheduled quantities of work to be done and materials to be furnished may each be increased, decreased, or omitted as hereinafter provided.

S-102.05--Examination of Plans, Specifications, Special Provisions, Notices to Bidders and Site of Work. It is the intent that the Engineer will prepare full, complete, and accurate plans and specifications giving directions that will enable any competent Contractor to carry them out. The bidder is expected to examine carefully the site of the proposed work, the proposal, plans, specifications, supplemental specifications and/or special provisions, notices to bidders and contract forms before submitting a proposal. The submission of a bid shall be considered prima facie evidence that the bidder has made such an examination and is satisfied as to the conditions to be encountered in performing the work and as to the requirements of the plans, specifications, supplemental specifications, notices to bidders, special provisions, contract, and the Federal, State, and local laws which will in any way affect his execution of the work.

Boring logs and other records of subsurface investigations may be available for inspection by bidders. It is understood that such information was obtained and is intended for design and estimating purposes only. It is made available to bidders so that they will have access to identical subsurface information available to the Owner and is not intended as a substitute for personal investigation, interpretations and judgment of the bidders.

Bidders may inspect records of the Engineer as to investigations made, subject to the conditions hereinbefore set forth.

S-102.06--Preparation of Proposal. The bidder shall submit his proposal on the forms furnished by the Engineer and shall enter in figures a unit price and extension in the appropriate columns for each bid item exclusive of those items for which a fixed contract unit price and the extension are shown. The bidder shall also enter where indicated the subtotal amount for each of the various divisions and the total amount of the proposal which shall also include the extensions of the items with a fixed contract unit price. In case of discrepancy between a unit price and the extension, the unit price will govern; and the extension and the total amount of the proposal will be corrected. All the figures shall be in ink or typed.

When the bid schedule contains a fixed contract unit price (FCP) for an item, this price shall be the contract unit price for the item and no alteration shall be made by the bidder.

When an item in the proposal contains a choice to be made by the bidder, the bidder shall indicate his choice in accordance with the instruction to bidders in Section S-902 - Proposal (reference is made to Alternate Designs, Alternate Items, and Optional Items in S-101.02).

Where the bid schedule lists alternate designs or alternate items, one alternate that is bid shall be designated by drawing a line or lines through other listed alternate(s) as provided, and thereafter no further choice will be permitted.

When the bid schedule lists optional items, the Contractor may, but is not required to, make his selection at the time of bidding or prior to or at the time of execution of the contract. It shall be the Contractor's responsibility to provide notice of selection to the Engineer sufficiently in advance to provide a reasonable time for the exchange of the documentation for selection prior to ordering materials or performing work on any optional item.

Each proposal issued to prospective bidders will contain, in duplicate, blank affidavit forms to be executed, and sworn to, by the bidder, before a person who is authorized by the laws of any State to administer oaths, and returned with the bidder's proposal.

This "Non-Collusion Affidavit" shall be a sworn statement, filed in duplicate, executed by, or on behalf of, the individual, firm or corporation to whom the contract is to be awarded (if the successful bidder), certifying that such individual, firm, or corporation has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract nor have any of its officers, partners, employees, or principal owners; and that such individual, firm or corporation nor any of its directors, officers, partners, principal owners or managerial employees are debarred from bidding on public contracts by the State of Mississippi or any of its agencies; or by one or more of the other States or any of their agencies; or by a federal agency.

Failure on the part of the bidder to execute the affidavit will result in his proposal being declared incomplete and rejected.

S-102.07--Irregular Proposals. Proposals will be considered irregular and may be rejected for any of the following reasons:

- (a) If the proposal is on a form other than that secured from the Engineer, or if the form is altered or any part thereof is detached.
- (b) If there are unauthorized additions, conditional or alternate bids, or irregularities of any kind which may tend to make the proposal incomplete, indefinite, or ambiguous as to its meaning.
- (c) If the bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.

- (d) If the proposal does not contain a unit price for each pay item listed except in the case of alternate or optional pay items.
- (e) If the proposal, Section S-902, does not contain acknowledgment of receipt and addition to the proposal and contract documents of all addenda issued prior to opening of bids.
- (f) Failure to execute required affidavits, certificates, etc., and furnish proposal guaranty.

S-102.08--Proposal Guaranty. Proposals will not be considered unless accompanied by certified check, cashier's check or bid bond, made payable to the Owner, in an amount of not less than five percent of the total amount of the proposal offered, as evidence of good faith and as a guaranty that if awarded the contract, the bidder will execute the contract and give contract bond as required by law and stipulated in S-103.05.

If a bid bond is offered as guaranty, the bond must be on a form approved by the Engineer, made by a Surety, and must be acceptable to the Owner and signed or countersigned by a qualified Mississippi resident agent and the bidder.

S-102.09--Delivery of Proposal. Unless otherwise specified, each proposal must be submitted sealed in a plain envelope with the following listed information plainly written on the outside or face of the envelope:

- (1) Addressee: Owner Name
- (2) Bid of: Name of Person or Firm submitting the bid.
- (3) Permanent address of the Bidder: Post Office Box Number, or Street Address, and the City and State of the Bidder.
- (4) For: Project Name
- (5) Date of Submission of Bid.
- (6) Bidders Certificate of Responsibility Number issued by the Mississippi State Board of Public Contractors.

Proposal forms when issued, by the Engineer, are not transferable and no name or names of interested parties may be added other than those to whom the proposal was issued.

The Engineer will keep a list of the bidders to whom proposals have been issued and bids will be accepted only under the name of the bidders issued proposals.

No proposal will be accepted or considered which has not been received at the Owner's designated location prior to the time specified in the Notice to Contractors.

S-102.10--Withdrawal or Revision of Proposals. A bidder may withdraw or revise a proposal after it has been deposited with the Owner, provided the request for such withdrawal or revision is received by the Owner, by facsimile, in writing or by telegram, before the time set for opening proposals.

S-102.12--Public Opening of Proposals. Proposals will be opened and read publicly at the time and place indicated in the proposal. Bidders, their authorized agents, and other interested parties are invited to be present.

S-102.13--Disqualification of Bidders. Either of the following reasons may be considered as being sufficient for the disqualification of a bidder and the rejection of his proposal or proposals:

- (a) More than one proposal for the same work from an individual, firm, or corporation under the same or different names.
- (b) Evidence of collusion among bidders. Participants in such collusion will receive no recognition as bidders for any future work of the Owner until any such participant shall have been reinstated as a qualified bidder.

S-102.14--Material Guaranty. At the option of the Owner or Engineer, the successful bidder shall be required at any time before or after the award or execution of the contract to furnish a complete statement of the origin, composition, and manufacture of any and all materials to be used in the construction of the work, and shall provide access to all sources of materials for sampling and testing to determine their quality, uniformity, and fitness for the work in accordance with the contract.

SECTION S-104 - SCOPE OF WORK

S-104.01--Intent of Contract. The intent of the contract is to provide for the execution, construction, and completion of every detail of the work described, and to compensate the Contractor for all acceptable work done in accordance with the provisions of the contract. The Contractor shall furnish all labor, materials, equipment, supplies, transportation, supervision, methods, and procedures necessary to complete the work in accordance with the plans, specifications, and terms of the contract.

S-104.02--Alterations of Plans or Character of Work. The Owner and Engineer reserve the right to make, at any time during the progress of the work, increases or decreases in quantities and alterations in the details of construction, including alterations in the grade or alignment of the road or structure or both, as may be found necessary or desirable. Such increases or decreases and alterations shall neither invalidate the contract nor release the Surety, and the Contractor agrees to perform the work as altered, the same as if it had been a part of the original contract.

Except as may be necessary to satisfactorily complete the contract, no alterations of the plans or the nature of the work will involve work beyond the termini of the contemplated construction without contract modifications approved by all parties concerned.

Except as provided herein, all quantities will be paid for at the contract unit price (reference is made to S-109.03).

No claim shall be made by the Contractor for any loss of anticipated profit because of such alterations, or by reason of any variation between the approximate quantities and the quantities of work done.

Unless otherwise provided, Supplemental Agreements will be required under the following conditions:

- (1) When the total amount of any increase or decrease, whether applying to one or more than one item, exceeds in value twenty-five percent (25%) of the total Contract amount as determined by the total sum of the estimated values in the Contract proposal. Those items, the quantities for which cannot be pre-determined with reasonable accuracy, such as rock excavation, extra depth excavation, extra depth concrete and reinforcing steel for same, shall be excluded in determining increases or decreases under this provision.
- (2) When there is lengthening or shortening of the project.
- (3) When the character or nature of the work is materially altered.
- (4) When there is a substitution of one type of material for another type of material. (Contract items found not necessary for the proper completion of the work will be eliminated from the Contract as set out in Subsection S-109.05.)
- (5) When there is a change of quantities of sufficient magnitude to cause an inequity on the Contractor or the Owner.

S-104.02.1--Changes in Character of the Work and Changed Physical Conditions. Should any change ordered, exclusive of changes in contract quantities, alter the characteristics of the original contract; or should subsurface or latent physical conditions be discovered by the Engineer or encountered by the Contractor at the site of the work that differ materially from those originally encountered in and generally recognized as usual in work of the character provided for in the contract; and the changes or conditions are of sufficient magnitude to cause an inequity on the Contractor or on the Owner, the Engineer or the Contractor, as the case may be, shall promptly notify the other in writing of these changes or conditions before work is continued. The Engineer may thereupon provide for an adjustment of the contract unit price or contract time if an engineering study warrants that the changes or conditions do so materially differ and cause inequity.

Before beginning or continuing work which justifies an adjustment of the contract unit price or time under the above provisions, a supplemental agreement acceptable to all parties to the contract shall be executed. In the event an agreement acceptable to all parties cannot be reached, the Engineer may order the work to proceed in accordance with the applicable specifications and as directed, and that part of the work which the Engineer has determined to justify an adjustment of the contract unit price or the establishment of a unit price will be paid for in accordance with S-109.04.

If the altered or added work is of a character as to require more than the normal time to complete the work, an adjustment of the contract time may be made in accordance with the provisions of S-108.06.

A net total increase or decrease of more than 25 percent in the total original contract amount may be considered for adjustment under this subsection, in lieu of the otherwise applicable provisions of S-104.02.

S-104.03--Extra Work. The Contractor shall perform unforeseen work for which there is no price included in the contract or work included in the contract which is materially changed as set out in S-104.02 after execution of the contract, whenever it is deemed necessary or desirable in order to complete fully the work as contemplated. Such work shall be performed in accordance with the applicable specifications and as directed, and payment or adjustment in payment will be made as provided under S-109.04.

S-104.04--Maintenance of Traffic. The responsibility for the construction and maintenance of detour routes and or diversions shall be as indicated herein unless amended by special provisions.

The implementation of traffic control shall be in accordance with the traffic control plan, which includes the plans, specifications, special provisions and the MUTCD.

Unless otherwise indicated all detour routes shall be maintained by the Owner. The Contractor will be required to provide and satisfactorily maintain on site diversions, as determined by the Engineer. Ingress and egress for residents adjacent to the improvement,

U. S. Mail Carrier and school buses on official business shall be provided throughout construction. Where necessary, the Contractor will remove and replace mail boxes.

In case it is necessary or desirable to maintain through traffic on the road during construction it will be set out in the special provisions.

Special maintenance directed by the Engineer, for the benefit of the traveling public, will be paid for on the basis of the contract unit prices or under S-104.03, Extra Work. The Engineer will be the sole judge of work to be classified as Special Maintenance.

S-104.05--Removal and Disposal of Structures and Obstructions. The Contractor shall remove and dispose of all existing structures and obstructions in accordance with the provisions of S-202. In the event separate pay items are not provided, the cost of removal and disposal shall be included in prices bid for items under S-201 and S-203.

The Contractor shall not remove or disturb any buildings, public utilities, or other public or private improvements that are to be removed and replaced or reconstructed by the Owner or by the owners under separate agreement.

It is anticipated that obstructions to be removed by the Owner or the owners will be removed and disposed of in advance of construction operations, but in the event there are improvements or other properties on the project retained by the property owner, the Contractor shall not interfere with this property until notified in writing by the Engineer that the rights of the property owner have expired.

Upon notification by the Engineer that the property owner's rights have expired, the Contractor shall proceed to remove and dispose of structures and obstructions in accordance with this subsection and other applicable provisions of the contract.

Principal existing improvements not reserved to the property owner or to the County and which are to be removed by the Contractor will be indicated on the plans for the Contractor's information only.

All other structures and obstructions or residual portions of existing structures and obstructions not specified to remain are also to be removed by the Contractor.

All removals by the Contractor are to be made in accordance with the provisions of S-201, and, by reference therein, S-202.

S-104.06--Rights in and Use of Materials Found on the Work. It is understood that title to all materials found within the right-of-way or easements remains with the County unless specifically noted on the plans or in the contract documents. However, the Engineer may permit the Contractor to use on the project stone, gravel, and sand or other material found in the excavation that may be determined suitable and useful in fulfillment of the contract requirements. The Contractor will be paid both for the excavation of the materials at the contract unit price for excavation and for the pay item for which the excavation material is acceptably used. He shall replace at his own expense with other acceptable material all of the excavation material needed for use in embankments, backfills, approaches, or otherwise in the work. No charge for the material so used will be made against the Contractor. The Contractor shall not excavate or remove any material from within the highway location which is not within the grading limits established by slope stakes without prior written authorization from the Engineer. The Contractor will not be paid for excavation outside the grading limits without prior authorization.

Unless otherwise provided, material from existing structures required to be removed may be used temporarily by the Contractor. Material designated to be salvaged shall not be cut or otherwise damaged.

When the contract documents indicate that certain materials or other matter are to be removed, or are permitted to be removed from the right-of-way and disposed of at locations provided by the Contractor, the Contractor shall furnish the Engineer with two signed copies of a release from each property owner for the servitude of his lands prior to removal. The Owner will have no ownership or liability whatsoever for the materials or matter upon removal from the right-of-way.

S-104.07--Final Cleaning Up. Without any extra compensation and before acceptance and final payments will be made, the right-of-way, borrow pits and adjacent property, and all other grounds occupied or affected by the Contractor in connection with the work shall be cleaned of all rubbish, temporary buildings and structures, equipment, and excess materials. Salvaged or excess materials expressly reserved by the Engineer for use by the County shall be neatly stockpiled at locations designated on the project. The Contractor shall restore, repair, or settle for in an acceptable manner all property, both public and private, which he may have damaged in the prosecution of the work. The Contractor shall leave all public or private property occupied or affected by him and all parts of the work in a neat and acceptable manner with all waterways unobstructed. This shall include, but not necessarily be limited to, the cleaning out of all pipe and ditches, and the removal from the right-of-way all debris from clearing and grubbing.

Prior to final inspection or release from maintenance, all sod turf areas of the work which have developed an undesirable growth shall be given a final mowing. All undesirable bushes, high grasses, and weeds shall be cut and disposed of as directed.

Where construction involves only base and/or surfacing, the Contractor shall be required to mow between ditch lines in cut sections and down the fill slope for a distance of 10 feet measured horizontally from the edge of the shoulder through fill sections.

S-104.08-Value Engineering Incentive. Value Engineering Incentive applies to any cost reduction recommendation initiated and developed by the Contractor for the purpose of refining the contract documents and plans so as to contribute to design cost effectiveness or significantly improve the quality of the final product. This subsection does not apply unless the recommendation is identified by the Contractor at the time of submission as a Value Engineering Incentive. The Owner and the Engineer shall be the judge of the acceptability of any such recommendation.

Cost reduction recommendations approved by the Owner and Engineer are to be implemented by a supplemental agreement to the contract and must result in savings without impairing any essential functions and characteristics such as safety, service life, reliability, economy of operations, ease of maintenance, aesthetics and necessary standard design features. Proposed changes in the basic design requirements of a bridge or of a pavement system will not normally be given consideration as a Value Engineering Incentive. The mere substitution of one contract bid item for another bid item or substitution of any other item for which the Engineer has previously established a pay item will not be allowed as value engineering nor will a submittal based on the use of material from the right-of-way.

As a minimum, the following information shall be submitted by the Contractor:

- (a) A statement that the recommendation is submitted as a Value Engineering Incentive.
- (b) Description of the recommendation.
- (c) Discuss contract requirements which will require modification and present a recommendation for each change.
- (d) An estimate of cost reductions.
- (e) Prediction of any effects on other costs to the project.
- (f) State when the supplemental agreement must be executed to obtain maximum cost reduction during the remainder of the contract and the reasons therefor.
- (g) A statement as to any effect on the project completion date.

The County will not be liable for any delay in acting upon a recommendation. The decision of the Owner and Engineer as to acceptance of any such recommendation will be final and not subject to S-105.17. The Owner and Engineer may accept the recommendation, in whole or in part, by executing a supplemental agreement which will specifically state that it is executed pursuant to these provisions. Such agreement will incorporate the changes or additions to the plans and specifications which are necessary to permit the recommendation, or accepted part thereof, to be put into effect. If conditional, it will include conditions upon which the Owner and Engineer's approval is based. The agreement will also set forth the estimated net savings attributable to the recommendation and will further provide that the Contractor be paid 50 percent of said savings. The cost to the project in evaluating the recommendation will be considered in determining the estimated net savings. The Contractor's share of the savings shall constitute full compensation for the Value Engineering Incentive.

Approval of the recommendation and performance of the work thereof shall not change the contract completion date unless specifically provided for in the supplemental agreement implementing the work.

This incentive provision applies only to contracts awarded pursuant to competitive bidding.

SECTION S-105 - CONTROL OF WORK

S-105.01--Authority of the Engineer. The Engineer, acting as the duly authorized representative of the Owner and subject to the rules and regulations and approval of the Engineer, shall decide all questions which may arise as to the quality and acceptability of materials furnished and work performed and as to the rate of progress of the work; all questions which may arise as to the interpretation of the plans and specifications; and all questions as to the fulfillment of the contract on the part of the Contractor.

The Engineer has the authority to suspend the work wholly or in part and to withhold payments due to failure of the Contractor to correct conditions unsafe for workmen or the general public; for failure to carry out provisions of the contract; for failure to carry out orders; for periods he may deem necessary due to unsuitable weather conditions; for any conditions considered unsuitable for the prosecution of the work; or for any other condition or reason deemed to be in the public interest.

The Engineer has executive authority to enforce and make effective all decisions and orders relating to the contract, but is not authorized to change the obligations of the Owner to the Contractor or waive any rights of the Owner under the contract.

S-105.02--Plans and Working Drawings. The Engineer will furnish the Contractor two bound copies of the proposal and contract documents and three half-scale copies of the plans without charge. The Contractor shall have one copy of the proposal and contract documents and one half-scale copy of the plans available on the project at all times during work activity on the project.

Plans will show details of all structures, lines, grades, typical cross sections of the roadway, and a summary of items appearing in the proposal.

Any authorized alterations affecting the requirements and information given on the approved plans, or changes made on any plan or drawing upon which the contract was awarded, shall be made only with the Engineer's written approval.

The plans will be supplemented by working drawings necessary to adequately control the work. Working drawings for structures are not included in the plans furnished by the Owner. They shall be furnished by the Contractor and shall consist of detailed plans necessary to adequately control the work. They shall include stress sheets, shop drawings, erection plans, false-work plans, cofferdam plans, bending diagrams for reinforcement, and other supplementary plans and similar data as required. All working drawings shall be submitted to the Engineer for approval, as required, but this approval will not relieve the Contractor of any of his responsibility under the contract.

If required, the original tracings of working plans or drawings shall be furnished the Engineer.

The contract price bid shall include the cost of furnishing all working drawings. If, however, design details of the plans are changed after the Contractor has submitted the required working drawings, the Engineer may order the Contractor to furnish revised or new working drawings, based on changed plan details, as Extra Work.

S-105.03--Conformity with Plans and Specifications. All work performed and all materials furnished shall be in reasonably close conformity with the line, grades, cross-sections, dimensions, material requirements, and other construction requirements shown on the plans or indicated in the specifications.

Contract specification values are target values to be strived for and from which tolerances are allowed. It is the intent of the specifications that the materials and workmanship shall be uniform in character and shall conform as nearly as realistically possible to the prescribed target value or to the middle portion of the tolerance range. The purpose of the tolerance range is to accommodate occasional minor variations from the median zone that are unavoidable for practical reasons. When either a maximum and minimum value or both are specified, the

production and processing of the material and the performance of the work shall be so controlled that the material or work will not be predominately of borderline quality or dimension.

In the event the Engineer finds the materials, or the finished product in which the materials are used, not to be within reasonably close conformity with the plans and specifications but that reasonably acceptable work has been produced, he will then make a determination if the work will be accepted and remain in place. In this event the Engineer will make an appropriate adjustment in the contract price for the work or materials as provided in the specifications. In the event no provision for adjustment in contract price is included in the contract, the Engineer will document the basis of acceptance by contract modification which will provide for an appropriate adjustment in contract price for the work or materials as he deems necessary to conform to his determination. His determination will be based on engineering judgment.

In the event the Engineer finds the materials or the finished product in which the materials are used or the work performed are not in reasonably close conformity with the plans and specifications and have resulted in an inferior or unsatisfactory product, the work or materials shall be removed and replaced or otherwise corrected by and at the expense of the Contractor.

S-105.04--Coordination of Plans, Specifications, Supplemental Specifications, Special Provisions and Notice(s) to Bidders. These specifications, supplemental specifications, plans, special provisions, notices to bidders, and all other supplemental documents are essential parts of the contract, and a requirement occurring in one is as binding as though occurring in all. They are intended to be complementary and to describe and provide for a complete work. In case of discrepancy, calculated dimensions will govern over scaled dimensions; the word "day" appearing anywhere in the contract shall mean work days unless the context is determined to indicate otherwise; and parts of the contract will prevail in the following order:

1. Notices to Bidders
2. Special Provisions
3. Plans
4. Supplemental Specifications
5. Standard Specifications

In case of conflict between a plan quantity and the advertisement and/or proposal, the plan quantity shall prevail.

The Contractor shall not take advantage of any apparent error or omission in the plans or specifications. In the event the Contractor discovers an error or omission, he shall immediately notify the Engineer. The Engineer will then make corrections and interpretations deemed necessary for fulfilling the intent of the plans and specifications. A reference in any contract document to controlling requirements in another portion of the contract documents shall be understood to apply equally to any revision or amendment thereof included in the contract.

S-105.05--Cooperation by Contractor. The Contractor shall keep available on the work at all times during working hours one set of approved plans, standard specifications, and proposal assemblies.

The Contractor shall give the work the attention necessary to expedite its progress, and shall cooperate with the Engineer, his inspectors, and other contractors in every way possible.

The Contractor shall have on the work and available to the work at all times, as his agent, a competent resident superintendent capable of reading and thoroughly understanding the plans and specifications and thoroughly experienced in the type of work being performed. The superintendent shall receive instructions from the Engineer or his authorized representative. Upon issuance of the Notice to Proceed, the Contractor or his duly appointed agent authorized to bind the Contractor shall file with the Owner, with copies to the Engineer, the name of the superintendent who will supervise the work. The Owner shall be immediately notified in writing with copies to those stated, if any changes are made in the Contractor's superintendent or his contact information.

The superintendent shall have full authority to execute orders or directives of the Engineer without delay, and to promptly supply materials, equipment, labor, and incidentals as may be required. Such superintendence shall be furnished irrespective of the amount of work sublet. The superintendent shall advise the Engineer of an intended absence from the work and designate a person to be in charge of the work during such absence.

S-105.06--Cooperation with Utilities. The Engineer will notify all utility companies, all pipe line owners or other known parties affected and endeavor to have a plan and agreement for all necessary adjustments of utilities, pipe lines or other appurtenances which are within or adjacent to the limits of construction before bids are received. Such utility plans or agreements will be made available for inspection by the Contractor if requested. The Owner will also endeavor to have all necessary adjustments made as soon as practicable.

All relocation or adjustment of utility appurtenances within the limits of the proposed construction will be performed by others unless otherwise specified.

All known utilities within the project are shown on the plans. It is understood and agreed that the Contractor has considered in his bid all of the utility appurtenances in their present or relocated positions and that no additional compensation will be allowed for delays, inconvenience, or damage sustained by him due to interference from the said utility appurtenances or the operation of moving them.

S-105.06.1--High Voltage Overhead Lines. The Contractor shall not perform any function or activity upon any land, building, highway or other premises if at any time during the performance of that function or activity the person performing the function or activity could be reasonably expected to move or be placed within 10 feet of any high voltage overhead line or if any equipment or part of any tool or material used by the person could be reasonably expected to move or be placed within 10 feet of any high voltage overhead line during the performance of any function or activity.

The Contractor shall comply with the State of Mississippi law concerning work within the proximity of overhead power lines.

No person shall, individually or through an agent or employee, operate or bring any mechanical equipment or hoisting equipment or any other equipment or part of any tools or material within 10 feet of any high voltage overhead line.

If any person desires to carry on any function, activity, work or operation in closer proximity to any high voltage overhead line than permitted by this chapter, the person responsible for performing the work shall promptly notify the electric utility operating the high voltage overhead line, in writing, on a form to be provided by such electric utility, and shall not perform the work until mutually satisfactory arrangements have been made between such electric utility and the person or business entity responsible for performing the work.

The required 10 foot clearance shall not be provided by movement of the high voltage overhead line through strain impressed, by attachments, or otherwise.

The person responsible for performing the work in the vicinity of the high voltage overhead lines shall at no cost to the Owner, receive a written cost estimate from the utility for providing the necessary safety arrangements.

"High voltage" means a voltage in excess of six hundred (600) volts between conductors or from any conductor to ground.

"Overhead lines" mean all bare or insulated electrical conductors installed above the ground.

"Warning sign" means a weather-resistant sign of not less than 7 inches by 10 inches reading as follows: "DANGER-UNLAWFUL TO OPERATE THIS EQUIPMENT NEARER THAN 10 FEET TO HIGH VOLTAGE OVERHEAD LINES."

Any person who knowingly violates this chapter may be subject to a civil penalty in an amount not to exceed Five Thousand Dollars (\$5,000.00) to be imposed by a court of competent jurisdiction against said person.

The Form entitled, "NOTICE OF WORK TO BE PERFORMED IN PROXIMITY OF HIGH VOLTAGE POWER LINE" is included in the contract documents. The top portion only of the form shall be completed, signed and returned by the Contractor upon execution of the contract. The Engineer will transmit a copy of the signed form to each of the electric utility companies that may be involved with providing protective services.

It is not expected that the Contractor will suffer any cost from the utility company providing necessary safety arrangements when a high voltage overhead line is located on right-of-way. When an electric utility company claims otherwise, the Contractor shall notify the Engineer so the may take appropriate action.

S-105.07--Cooperation Between Contractors. The Owner and the Engineer reserve the right at any time to award contracts for and perform other or additional work on or near the work covered by the contract. Each Contractor will be expected to cooperate with the other Contractor(s) and with the Owner in every reasonable manner.

The Owner and the Engineer will make a determination as to the practicability of prosecuting an existing contract in an area before an additional award is made for work in the same area. Insofar as is practicable, the Owner will give notice of the intent to award subsequent contracts in the same area. Failure to do so, however, shall not prejudice the rights of the Owner to award additional contracts and shall not constitute grounds for claims against the Owner.

When separate contracts are let for work, any part or all of which is within the same limits, each Contractor shall conduct his work so as to cause the least interference with or hindrance of the progress and completion of work being performed by other Contractor(s).

Each Contractor shall arrange his work and shall place and dispose of the materials and equipment being used so as not to interfere with the operations of the other Contractor within limits of the same work. He shall join his work with that of others in an acceptable manner and shall perform it in the sequence called for by the plans and contract documents or as directed.

Each Contractor involved shall assume all liability, financial and otherwise, in connection with his contract and shall protect and save harmless the Owner from all damages or claims that may arise because of inconvenience, delay, or loss experienced by him because of the presence and operations of the other Contractor(s) working within the same contract limits.

S-105.08--Construction Stakes, Lines and Grades. The Engineer will set construction stakes establishing lines, slopes, and profile grade in road work, and all necessary lines and grades to control the work on bridge work, culvert work, protective and accessory structures, and appurtenances as he may deem necessary, and will furnish the Contractor with all necessary information relating to lines, slopes, and grades. The Contractor, however, will be required to check all the controlling dimensions and clearances measured from such stakes and thereafter become responsible for alignment, elevation, and dimensions of all parts of the work and their mutual agreement.

The Contractor shall be held responsible for the preservation of all stakes and marks, and if any of the construction stakes or marks have been carelessly or willfully destroyed or disturbed by the Contractor, the cost of replacing them will be the Contractor's responsibility and costs will be deducted from the current progress estimate if agreed to by the Engineer and the Owner.

S-105.09--Authority and Duties of the Engineer. As the representative of the Owner, the Engineer has immediate charge of the engineering details of the contract. He is responsible for the administration and satisfactory completion of the work in accordance with the contract, and he is delegated authority commensurate with these responsibilities.

S-105.10--Duties of the Inspector. Inspectors employed by the Owner or Engineer will be authorized to inspect all work done and materials furnished. The inspection may extend to all parts of the work and to the preparation, fabrication, or manufacture of the materials to be used. The inspector will not be authorized to alter or waive the provisions of the contract or to issue instructions contrary to the plans and specifications, or to act as foreman for the Contractor.

S-105.11--Inspection of Work. All materials and each part or detail of the work shall be subject to inspection by the Engineer. The Engineer shall be allowed access to all parts of the work and shall be furnished with such information and assistance by the Contractor as is required to make a complete and detailed inspection. The Contractor shall be required to give the Engineer notice before beginning or doing any work or continuing any work after any delay in construction.

If the Engineer requests it at any time before acceptance of the work, the Contractor shall remove or uncover such portions of the finished work as may be directed. After examination, the Contractor shall restore said portions of the work to the standards required by the specifications. Should the work thus exposed or examined prove acceptable, the uncovering, or removing, and the replacing of the covering or making good of the parts removed will be paid for as Extra Work; but should the work so exposed or examined prove unacceptable, the uncovering, or removing, and the replacing of the covering or making good of the parts removed will be at the Contractor's expense.

Work done or materials used without supervision or inspection by the Engineer or his authorized representative may be ordered removed and replaced. This work will be inspected and accepted or rejected in accordance with the preceding paragraph except that the uncovering or removing shall not be paid for as extra work.

S-105.12--Removal of Unacceptable and Unauthorized Work. All work which does not conform to the requirements of the contract will be considered as unacceptable work, unless otherwise determined acceptable under the provisions of S-105.03.

Unacceptable work, whether the result of poor workmanship, defective materials, damage through carelessness, or any other cause, found to exist prior to the final acceptance of the work, shall be removed immediately and replaced in an acceptable manner.

No work shall be done without lines and grades having been given or approved by the Engineer. Work done contrary to the instructions of the Engineer, work done beyond the lines shown on the plans, or as given, except as herein specified, or any extra work done without authority, will be considered as unauthorized and will not be paid for under the provisions of the contract.

Upon failure on the part of the Contractor to comply promptly with an order of the Engineer made under the provisions of this subsection, the Engineer will have authority to cause unacceptable work to be remedied or removed and replaced and unauthorized work to be removed and to deduct the costs from monies due or to become due the Contractor.

S-105.13--Load and Speed Restrictions. The Contractor shall comply with all legal load restrictions in the hauling of materials on public roads beyond the limits of the project. A special permit will not relieve the Contractor of liability for damages which may result from the moving of material or equipment. The Contractor will be responsible for repairs, at his own expense, for damages to public roads off the project which were caused by him through violation of all legal load restrictions.

The operation of equipment within the project limits of such weight or so loaded as to cause damage to structures or the roadway or to any other type of construction will not be permitted. Hauling of materials over the base course or pavement courses under construction shall be limited to the maximum legal loads, both gross and axle loads, allowed on Mississippi highways. No loads will be permitted on a concrete base, or structure before the expiration of the curing period. In no case shall legal load limits be exceeded after processing the surface of the design soil for

placement of subsequent subbase, base, and pavement courses unless permitted in writing. The Contractor shall be responsible for all damages caused by his hauling equipment.

The Contractor shall be responsible for maintenance of safe and reasonable speeds of vehicles assigned to the project. Further, reduced speeds may be ordered in writing by the Engineer when in his opinion lower speeds are essential to the public safety or to the quality of the completed work.

S-105.14--Maintenance During Construction. The Contractor shall maintain all the work during construction and until the work is finally accepted.

Maintenance shall constitute continuous and effective work prosecuted day by day, with adequate equipment and forces to the end that the roadway, or structures are kept in satisfactory condition at all times.

In the event that the Contractor's work is ordered shut down for failure to comply with the provisions of the contract the Contractor shall maintain the roadway and structures, as provided herein, and provide ingress and egress for local residents during the period of suspended work or until the contract has been declared in default.

All cost of maintenance work during construction and before the work is finally accepted shall be included in the unit price bid on the various pay items and the Contractor will not be paid an additional amount for such work.

S-105.15--Failure to Maintain Roadway or Structures. If the Contractor, at any time, fails to comply with the provisions of S-105.14, the Engineer will immediately notify the Contractor of such non-compliance. If the Contractor fails to remedy unsatisfactory maintenance within twenty-four(24) hours after receipt of such notice, the Engineer, subject to the approval of the Owner, may immediately proceed to maintain the project with such forces as he deems necessary.

The entire cost of maintenance, as provided herein, requiring forces, equipment, materials, and incidentals other than those provided by the Contractor will be deducted from monies due or to become due the Contractor under his contract.

S-105.16--Acceptance. When, in the opinion of the Engineer, the Contractor has satisfactorily completed all work prescribed in his contract, he will so notify the Owner requesting that a joint final inspection be made. If on such joint final inspection it is agreed by the Engineer and the Owner's representative that the work has been completed in accordance with the terms of the contract, then the Owner and the Engineer will issue a final acceptance notice to the Contractor officially accepting the work and thereby relieving the Contractor of further construction and maintenance responsibility.

The acceptance of projects financed, in whole or in part, with Federal funds will require the approval of the Director and the Federal Highway Administration, except FHWA acceptance is not required on projects considered exempt by FHWA.

S-105.17--Claims for Adjustments and Disputes. It is in the public interest that the Owner and the Engineer have early or prior knowledge of an existing or impending claim of any nature by the Contractor. The Owner and the Engineer may then consider modifying the details of the work or other actions which might result in mitigation or elimination of the effect of the act or conditions objected to by the Contractor.

The Owner and the Engineer may then institute appropriate procedures, as required, to keep strict account of actual costs and to verify at the time, facts upon which a claim for contract adjustment is made. Therefore, if in any case the Contractor deems that additional compensation is due for work or materials not clearly covered in the contract or not ordered by the Engineer as Extra Work, or if the Contractor deems that adjustment in the contract time should be made because of any of the reasons provided for in the contract as a basis for an extension of time, the

Contractor shall notify the Engineer in writing of an intention to make such claim for additional compensation before beginning the work on which the Contractor bases the claim or for such extension of time as soon as the facts first become known on which the Contractor bases the claim for adjustment. If such written notification is not given by the Contractor in accordance with these specifications, the Contractor hereby agrees that failure to provide written notice has denied the Owner and the Engineer the prerogative of verifying additional time, materials, equipment, labor and making adjustment in the work which might remove or mitigate the conditions for which a claim might be made, and the Contractor further agrees that such failure on the Contractor's part shall be a conclusive waiver of any claim, or part thereof.

Mere oral notice or statement will not be sufficient, nor will an unnecessarily delayed notice or statement after the event.

Any such notice shall be in writing and shall describe any act of omission or commission by the Owner and the Engineer or their agents that allegedly caused or contributed to the condition for which a claim may be made and the nature of the claimed damage. The Contractor shall deliver or mail the notice to the Engineer.

Upon receipt of the notice, the Engineer will acknowledge receipt in writing to the Contractor with a copy of the notice and acknowledgment to the Owner.

The Engineer will evaluate the Contractor's claim and forward his/her recommendations to the Owner.

Even when the Engineer determines that the Contractor's documentation relative to the time, materials, equipment and labor are legitimate, the Engineer and the Owner will continue to monitor the Contractor's charges until the Contractor's services are complete.

Such notice by the Contractor and the fact that the Engineer has kept account of the costs and the Engineer has verified the legitimacy of the Contractor's documentation and other facts as aforesaid shall not in any way be construed as substantiating the validity of a claim.

In presenting a claim, the Contractor shall clearly and specifically state:

- (a) The contract subsection number(s) under which each part of the claim is made.
- (b) The event(s) or condition(s) covered in each such subsection(s) and made the basis for each part of the

A claim for additional compensation shall include supporting auditable cost figures from entries made in the original records entered at the time of the work. The Contractor will be required to provide all records that the Engineer deems necessary for the performance of an audit in accordance with the United States General Accounting Office's Governmental Auditing Standards, the Institute of Internal auditor's Professional Practice Standards, and the American Institute of Certified Public Accountant's Standards.

All claims made shall be sent to the Engineer for review and processing.

If a claim is so vague that the Engineer cannot reasonably and expeditiously determine the specific contractual provisions relied on by the Contractor as the basis of each part of the claim, it will be denied by the Engineer or returned without action.

Any part of a claim based on after-the-fact general statements of costs such as "Normal cost of such work", computed as a percentage of, etc." or other such indefinite statements will be denied or returned to the Contractor without action.

The Engineer may request supplemental data in writing, or return the claim to the Contractor for resubmission in accordance with these specifications.

A claim, as approved by the Owner and the Engineer, will be paid in accordance with the provision of S-104.02 and S-104.03 and adjustments in contract time will be made in accordance with the provision of S-108.06. When a claim is denied or returned without action, the notice will state the reasons therefor.

S-105.18--Automatically Controlled Equipment. Unless otherwise prohibited in other sections of the specifications or other contract documents, automatically controlled equipment that malfunctions may be operated manually or by other approved methods for a period of time approved by the Engineer so as to prevent loss or damage to the work already produced, manufactured, or processed at the time of the breakdown or malfunction. The resulting work must meet the requirements of the contract.

Section S-106-Control of Materials**S-106.10--Source of Supply and Quality Requirements**

S-106.01.1--General. The materials used in the work shall meet all quality requirements of the contract. At the option of the Engineer, materials may be tested at the source of supply to determine conformance with the specifications, in which case the Contractor shall notify the Engineer of his proposed source of material well in advance of the time of proposed delivery to the work in order to expedite the inspection and testing. If it is found after trial that sources of supply for previously approved materials do not produce uniform and satisfactory products, or if the product from any source proves unacceptable at any time, the Contractor shall furnish materials from other approved sources.

S-106.01.2--Warranties, Guaranties, Instruction Sheets and Parts Lists. For manufactured articles, units, components, or materials for use as or incorporated in any mechanical or electrical facility required under the contract, the manufacturer's warranties, guaranties, instruction sheets, and parts lists, normally available to the purchaser, shall be delivered to the Engineer by the Contractor before final acceptance of the work.

S-106.02--Local Materials Sources.

S-106.02.1--Local Materials Sources General. Possible sources of local material may be designated on the plans or described in the Special Provisions. The quality of material in such deposits will be acceptable in general, but the Contractor shall determine for himself the amount of equipment and work required to produce uniform, acceptable material. It shall be understood that it is not feasible to ascertain from samples the specific limits of acceptable material from the entire deposit and variations shall be considered as usual and are to be expected. The Engineer may order procurement of material from any portion of the deposit and may reject other portions of the deposit as unacceptable.

The Contractor shall construct and maintain all necessary haul roads to facilitate hauling of material from any and all pits or sources of material and shall bear all costs of clearing and grubbing, furnishing all material, constructing, maintaining (including sprinkling as required) and all other costs related to haul roads.

All pits and quarry sites shall be subject to the approval of the Engineer prior to opening. Unless otherwise permitted by the Engineer in writing, borrow pits, gravel pits, other pits and quarry sites, exclusive of commercially operated sources determined not to have been opened primarily to provide material for work under the contract, shall be so located as not to be visible from a public highway. In the event any pits or quarries are permitted to be located so that they are visible from a public highway, site grading, roadside development, or other items will be required as necessary to prevent an unsightly appearance of the disturbed area.

The Contractor will be responsible for all permits and licenses required to operate a borrow pit and will comply with requirements of S-107.23.

The Contractor shall so schedule and conduct all clearing and grubbing operations, stripping, opening up of the source, and all mining and hauling operations, and shall so finish and protect the surface of the disturbed area(s) as to prevent, where practicable, or otherwise minimize siltation or pollution of ditches, streams, lakes, reservoirs and adjacent property with sediment, fuels, oils, or other objectionable material occasioned by, or as a result of, his operations. Where site grading, roadside development or other items of work are required in the contract, the performance of such work shall be in the particular manner and sequence related to pit operations as deemed necessary to promote the stability of the surface of the disturbed area of the pit and to promote the maximum possible permanent vegetation establishment at the earliest possible time.

Unless the excavations, pits or quarries are determined to be appropriate to serve as lakes or ponds for recreational or other purposes, the area shall be finished, where practicable, so that the water will not collect or pond therein. Unless otherwise specified or permitted in writing, the areas or surfaces of waste overburden or stripping shall be finished, neatly dressed and terraced or otherwise left in a satisfactory condition to prevent, where practicable, or

minimize siltation and pollution of ditches, streams, lakes, reservoirs and adjacent property.

S-106.02.2--Contractor Furnished Sources. The Contractor shall provide sources of materials meeting the requirements of the contract and shall bear all costs involved, including pit explorations, necessary permits, licenses and environmental and other clearances before opening a source of materials. Testing of all materials shall be done by the contractor. Any defects disclosed by the tests shall be rectified without additional cost to the Owner.

S-106.03--Samples, Tests, and Cited Specifications. All materials used in the work shall conform to the general requirements of S-700, Materials and Tests, and, in addition, shall conform to the specific requirements of the various Subsections of S-700 cited for the various items of work. Cited Specifications of AASHTO, ASTM or Federal Specifications for materials or test methods shall be understood to mean approved pre-published or published "Standards" of ASTM, AASHTO, Federal Specifications, Interim Specifications of AASHTO (denoted by the suffix "I"), Tentative Specifications of ASTM (denoted by the suffix "T"); or Federal Specifications (denoted by a numbered amendment) current on the date of advertisement for bids. All materials will be inspected and tested for acceptance in accordance with S-700.03 unless otherwise provided. The work shall be considered incomplete until acceptance of all materials used in the work. Any work performed prior to approval of materials will be the sole responsibility of the Contractor.

It is understood that the Owner reserves the right to retest all materials even though they have been tested and approved before incorporation in the project and to reject all materials which, when retested, do not meet the requirements of the contract.

Prior inspection, test, and approval of material used as a component of other items of work for which there is a pay item in the contract shall in no way imply acceptance and payment or reimbursement to the Contractor for such previously approved material if the work in which the materials are incorporated fails to meet the requirements of the contract.

Copies of all test reports will be furnished to the Engineer's representative at his request.

S-106.04--Certification of Compliance. The Engineer may permit use, prior to sampling and testing, certain materials or assemblies accompanied by acceptable certificates of compliance stating that such materials or assemblies fully comply with the requirements of the contract. Each lot of such materials or assemblies delivered to the work must be accompanied by an approved certificate of compliance in which the lot is clearly identified.

Certificates of compliance shall meet the following requirements.

I. Certifications:

- (a) Show the letterhead of the manufacturer, producer, supplier, or fabricator, as applicable.
- (b) Include the project number.
- (c) Contain an itemized list of materials covered by the certification.
- (d) Contain a material conformance statement.-- This statement should certify that the materials listed conform to the specific specification requirements.
- (e) Bear the signature of a responsible company official.
- (f) Certification for all iron, steel and steel wire products must also include a certified statement by the manufacturer that all of the manufacturing processes, excluding those for pig iron and processed, pelletized, and reduced iron ore used in the manufacture of said steel and/or iron products, have occurred domestically.

II. Certified Test Reports:

- (a) Show the letterhead of the manufacturer, producer, supplier, fabricator, or laboratory, as applicable.
- (b) Include the name and description of material tested, number, heat number, etc., as applicable.
- (c) Show the test results obtained for each test required, and state that the material was run according to the test method specified in the contract.
- (d) Be signed by a supervisor of the laboratory performing the tests.
- (e) Test reports for all iron, steel and steel wire products must also include a certified statement by the manufacturer that all of the manufacturing processes, excluding those for pig iron and processed, pelletized, and reduced iron ore used in the manufacture of said steel and/or iron products, have occurred domestically.

Certifications or Certified Test Reports will not be accepted unless they comply with the foregoing. Conformance requirements for the certification of asphalt and cement are set out separately in Mississippi Department of Transportation S.O.P. TMD-22-0100-000 and Mississippi Department of Transportation S.O.P. TMD-21-0100-000, respectively.

Materials and assemblies used on the basis of Certificates of Compliance may be sampled and tested at any time and if found not to be in conformity with contract requirements will be subject to rejection whether in place or not.

Unless otherwise requested, the original and three copies of all Certificates of Compliance shall be furnished to the Engineer. Payment for the work will not be made until proper certification has been received unless specifically provided for elsewhere in the contract.

S-106.05--Plant Inspection. The Contractor shall provide access at any facility used in the production of materials, for personnel to inspect and test materials supplied for the project.

In the event such plant inspection is undertaken the following conditions shall be met:

- (a) The Engineer shall have the cooperation and assistance of the Contractor and the producer with whom he has contracted for materials.
- (b) The Engineer shall have full entry at all times to parts of the plant as may concern the manufacture or production of the materials being furnished.
- (c) The Engineer reserves the right to retest all materials which have been tested and accepted at the source of supply after the materials have been delivered and to reject all materials which do not meet the requirements of these specifications.

S-106.06--Field Laboratory. "Blank".

S-106.07--Foreign Materials. Foreign materials are defined as being any material or manufactured product whose manufacturing process takes place outside the United States.

S-106.08--Storage of Materials. Materials shall be so stored as to assure the preservation of their quality and fitness for the work. Stored materials, even though approved before storage, may again be inspected or tested prior to their use in the work. Stored materials shall be located so as to facilitate their prompt inspection. Approved portions of the right-of-way and/or subject property may be used for storage purposes and for the placing of the Contractor's equipment, but any additional space required therefor must be provided by the Contractor at his

expense.

Private property shall not be used for storage purposes without written permission of the owner or lessee, and duplicate copies of such written permission shall be furnished the Engineer. All storage sites shall be restored to their original conditions by the Contractor at his expense.

S-106.09--Handling Materials. All materials shall be handled in such manner as to preserve their quality and fitness for the work. Materials shall be transported from the storage or other site to the work in tight vehicles so constructed as to prevent loss or segregation of materials after loading and measuring in order that there may be no inconsistencies in the quantities of materials intended for incorporation in the work as loaded, and the quantities as actually received at the place of use.

S-106.10--Unacceptable Materials. All materials not conforming to the requirements of the specifications at the time they are used shall be considered as unacceptable and all such materials will be rejected and shall be removed immediately from the site of the work unless otherwise instructed by the Engineer. No rejected material, the defects of which have been corrected, shall be used until approval has been given in writing by the Engineer.

S-107 – Legal Relations and Responsibility to Public

S-107.01--Laws to Be Observed. The Contractor shall keep fully informed of all Federal and State laws, all local laws, ordinances, and regulations and all orders and decrees of bodies or tribunals having any jurisdiction or authority, which in any manner affect those engaged or employed on the work, or which in any way affect the conduct of the work. He shall at all times observe and comply with all such laws, ordinances, regulations, orders, and decrees, and shall protect and indemnify the Owner and Engineer and its representatives against all claims or liability arising from or based on the violation of such laws, ordinances, regulations, orders, or decrees, whether by himself or his employees, subcontractors or their employees, or agents of either.

Open burning of combustible materials shall be in accordance with current rules and regulations of the Mississippi Department of Environmental Quality, Office of Pollution Control. The basic requirements contained herein for open burning to dispose of vegetation from clearing of right-of-way or construction site were published by the Mississippi Department of Environmental Quality in Regulation APC-S-1.

Open burning of land-clearing debris must not use starter or auxiliary fuels which cause excessive smoke (rubber tires, plastics, etc.); must not be performed if prohibited by local ordinances; must not cause a traffic hazard; must not take place where there is a High Fire Danger Alert declared by the Mississippi Forestry Commission or Emergency Air Pollution Episode Alert imposed by the Executive Director and must meet the following buffer zones.

- (1) Open burning without a forced-draft air system must not occur within 500 yards of an occupied dwelling.
- (2) Open burning utilizing a forced-draft air system on all fires to improve the combustion rate and reduce smoke may be done within 500 yards of but not within 50 yards of an occupied dwelling.
- (3) Burning must not occur within 500 yards of commercial airport property, private air fields, or marked off-runway aircraft approach corridors unless written approval to conduct burning is secured from the proper airport authority, owner or operator.

S-107.02--Permits, Licenses, and Taxes. Except as provided in S-107.09, and S-107.22, the Contractor shall procure all permits and licenses, pay all charges, fees, and taxes, and give all notices necessary and incidental to the due and lawful prosecution of the work.

S-107.03--Patented Devices, Materials, and Processes. If the Contractor employs any design, device, material, or process covered by letters of patent or copyright, he shall provide for such use by suitable legal agreement with the patentee or owner. The Contractor shall not involve the Owner or Engineer in the payment for royalties, either directly or indirectly, in violation of applicable State Laws to the contrary. Attention is invited to Section 65-1-61, Mississippi Code 1972, Annotated, regarding use of patented materials for paving. The Contractor and the Surety shall indemnify and save harmless the Owner, any affected third party, or political subdivision from any and all claims for infringement by reason of the use of any such patented design, device, material or process, or any trademark or copyright, and shall indemnify the Owner and Engineer for any costs, expenses, and damages which it may be obligated to pay by reason of any infringement, at any time during the prosecution or after the completion of the work.

S-107.04—Blank.

S-107.05—Blank.

S-107.06--Sanitary, Health and Safety Provisions. The Contractor shall provide adequate sanitation facilities for the use of his employees, and shall maintain these facilities in a sanitary condition. The location of such accommodations shall be subject to the prior approval of the Engineer. He shall also provide adequate dust control on the project, or haul roads, and at other areas of operation.

Such accommodations shall be designed and operated to conform to the local and State health regulations. The Contractor shall not require any worker to work in surroundings or under conditions contrary to local, State, and Federal health and safety regulations. All such requirements and regulations shall be considered as binding upon the Contractor as if actually included in these specifications.

This shall be considered necessary work auxiliary to the accomplishment of the contract and no direct payment will be made therefor.

S-107.07--Public Convenience and Safety. The Contractor shall at all times so conduct his work as to assure the least possible obstruction to traffic.

The Contractor shall use all reasonable care and precaution to avoid accidents, damage, or unnecessary delay or interference with traffic, and, if necessary, in conjunction with this work the Contractor shall provide, without additional compensation, competent flaggers to insure the maximum public safety.

S-107.08--Blank.

S-107.09--Blank.

S-107.10--Barricades, Warning Signs and Flaggers. The Contractor shall provide, erect, and maintain all necessary barricades, suitable and sufficient lights, danger signals, signs, and other traffic control devices; shall provide qualified flaggers where necessary to direct the traffic; and shall take all necessary precautions for the protection of the work and the safety of the public. Roads or parts of the work closed to through traffic shall be protected by effective barricades. Obstructions shall be illuminated during hours of darkness. Suitable warning signs shall be provided to properly control and direct traffic.

The Contractor shall erect warning signs in advance of all places on the project where operations may interfere with traffic, and at all intermediate points where the new work crosses or coincides with existing traveled roads. Such warning signs shall be constructed and erected in accordance with the provisions of the contract.

All barricades, warning signs, lights, temporary signals, other protective devices, flaggers and signaling devices shall conform with the minimum requirements contained in the MUTCD current at the time bids are received.

All traffic control devices on an existing highway, road or street are to be understood to be public property under the provisions of S-107.12.

On all sections of a project which are coincident with an existing highway, road, or street and are open to traffic, the Contractor shall be fully responsible for the protection, maintenance, and replacement of all existing signs, route markers, traffic control signals, and other traffic service features existing on the work from the beginning of contract time or beginning of work, whichever occurs earlier, until final acceptance of the work.

The Contractor shall restore or replace in kind, under the provisions of S-107.12, all devices damaged, destroyed, or lost.

S-107.11--Use of Explosives. Use of explosives is not permitted.

S-107.12--Protection and Restoration of Property and Landscape. The Contractor shall be responsible for the preservation of public and private property and shall protect from disturbance or damage all land monuments, historical markers and property marks until the Engineer has witnessed or otherwise referenced their location, and shall not move them until directed.

The Contractor shall be responsible for all damage or injury to public or private property of any character, resulting from any act, omission, neglect, misconduct, inefficiency in his manner, or method of executing the work, or the non-execution thereof, or due to defective work or materials.

The Contractor shall take sufficient precaution to prevent pollution of streams, lakes, and reservoirs with any harmful materials including but not limited to fuels, oils, bitumens, calcium chloride, and poisons. He shall schedule and conduct his grading operations, production of materials from material pits or quarry sites (exclusive of commercially operated sources) construction of haul roads, hauling operations, and other operations so as to prevent or minimize the pollution of adjacent property, ditches, streams, lakes, and reservoirs with mineral or organic sediment. Unwarranted pollution of any nature will be considered to be injury or damage within the intent of this subsection, and such injury or damage shall be subject to the restoration requirements and provisions herein set forth.

When, or where, any damage or injury is done to public or private property by, or on account of any act, omission, neglect, or misconduct in the execution or nonexecution of the work by the Contractor, he shall restore, at his own expense, the property to a condition equal to that existing before the damage or injury was done, or he shall make good such damage or injury in an acceptable manner.

In case of failure on the part of the Contractor to restore or make good such damage or injury, the Engineer may, upon forty-eight hours written notice, proceed to repair, rebuild, or otherwise restore such property as may be deemed necessary, and the cost thereof shall be deducted from monies due or which may become due the Contractor. In the event no such monies are available the amount shall be charged against the Contractor's Surety. Nothing within this subsection shall be construed to relieve the Contractor from his responsibilities under the requirements of S-107.01.

S-107.13—Forest Protection.

The Contractor shall take all reasonable precaution to prevent and suppress forest fires and shall require his employees and subcontractors, both independently and at the request of forest officials, to do all reasonably within their power to prevent and suppress and to assist in preventing and suppressing forest fires. He shall make every possible effort to notify a forest supervisor or other appropriate official at the earliest possible moment of the location and extent of any fire seen by them.

S-107.14--Responsibility for Damage Claims. The Contractor shall indemnify and save harmless the Owner and Engineer, its officers, and employees from all suits, actions, or claims of any character brought because of any injuries or damage received or sustained by any person, persons, or property resulting from his operations; or on account of or in consequence of any neglect in safeguarding the work; or because of any claims or amounts recovered from any infringements of patent, trademark, or copyright; or from any claims or amounts arising or recovered under the "Workmen's Compensation Act," or any other law, ordinance, order, or decree; and so much of the money due the Contractor under and by virtue of his contract as may be considered necessary by the Owner and Engineer for such purpose, may be retained for the use of the Owner; or, in case no money is due, his Surety may be held until such suit or suits, action or actions, claim or claims for injuries or damages as aforesaid shall have been settled and suitable evidence to that effect furnished to the Owner and Engineer; except that money due the Contractor will not be withheld when the Contractor produces satisfactory evidence that he is adequately protected by public liability and property damage insurance.

S-107.15--Third Party Beneficiary Clause. It is not intended by any of the provisions of any part of the contract to create the public or any member thereof as a third party beneficiary hereunder, or to authorize any one not a party to this contract to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this contract. The duties, obligations, and responsibilities of the parties to this contract with respect to third parties, shall remain as imposed by law.

S-107.16--Blank.

S-107.17--Contractor's Responsibility for Work. Until final written acceptance of the project by the Owner and Engineer, the Contractor shall have the charge and care thereof and shall take every precaution against injury or damage to any part thereof by action of the elements or from any other cause, whether arising from the execution or the non-execution of the work. The Contractor shall rebuild, restore, and make good, in accordance with the requirements of the contract, all injuries or damages to any portion of the work occasioned by any of the above causes before final acceptance and shall bear the expense thereof, except as provided in S-203.11 and as provided herein.

In case of suspension of work from any cause whatsoever, the Contractor shall be responsible for the project and shall take the precautions necessary to prevent damage to the project, provide for normal drainage, erect necessary temporary structures, signs, or other facilities; shall maintain the work in such a manner as to fully carry out his responsibility for maintaining traffic as required under the contract; shall properly and continuously maintain in an acceptable growing condition all living material in newly established plantings, seedings, and soddings furnished under the contract, and shall take adequate precautions to protect new trees and other vegetative growth against injury. Except when the suspension is ordered by the Engineer for the sole benefit of the Owner, all such protection and maintenance shall be performed by the Contractor without additional cost to the Owner.

S-107.18--Contractor's Responsibility for Utility Property and Services. At points where the Contractor's operations are adjacent to or coincide with properties of railway, telegraph, telephone, and power companies, or are adjacent to or coincide with other property, damage to which might result in considerable expense, loss, or inconvenience, work shall not be commenced until all arrangements necessary for the protection thereof have been made.

The Contractor shall cooperate with the owners of all underground and overhead utility lines in their removal and rearrangement operations in order that these operations may progress in a reasonable manner and that duplication of rearrangement work may be reduced to a minimum, and that services rendered by those parties will not be unnecessarily interrupted.

In the event of interruption to utility services as a result of accidental breakage or as a result of being exposed or unsupported, the Contractor shall promptly notify the proper authorities and shall cooperate with them in the restoration of service. If water service is interrupted, repair work shall be continuous until the service is restored. No work shall be undertaken around fire hydrants until provisions for continued service have been approved by the local fire authority.

The Contractor is advised of Section 45-15-1, et seq., Mississippi Code of 1972, Annotated, regarding the performance of work in the proximity of high voltage overhead power lines. It is the Contractor's responsibility to comply with those statutory requirements.

S-107.19--Blank.

S-107.20--Personal Liability of Public Officials. In carrying out any of the provisions of the contract, or in exercising the power or authority granted to them by or within the scope of the contract, there shall be no liability upon the Owner, Engineer, or their authorized representatives, personally, it being understood that, in all

such matters, they act solely as agents and representatives of the Owner and Engineering firm.

S-107.21--No Waiver of Legal Rights. The Owner and the Engineer shall not be precluded or estopped by any measurement, estimate, or certificate made either before or after the completion and acceptance of the work and payment therefor, from showing the true amount and character of the work performed and materials furnished by the Contractor, nor from showing that any such measurement, estimate or certificate is untrue or is incorrectly made, nor that the work or materials do not in fact conform to the contract. The Owner and Engineer shall not be precluded or estopped, notwithstanding any such measurement, estimate, or certificate and payment in accordance therewith, from recovering from the Contractor or his Sureties, or both, within the provisions of the laws of the State of Mississippi, such damage as they may sustain by reason of the Contractor's failure to comply with the terms of the contract. Neither the acceptance by the Owner and Engineer, or any of their representatives, nor any payment for or acceptance of the whole or any part of the work, nor any extension of time, nor any possession taken by the Owner, shall operate as a waiver of any portion of the contract or of any power herein reserved, or of any right to damages. A waiver of any breach of the contract shall not be held to be a waiver of any other subsequent breach.

The Owner and Engineer reserve the right to correct any error in any estimate that may have been paid on work that has been performed, and to adjust the same to meet the requirements of the contract and specifications. Upon conclusive proof of error or collusion or dishonesty, between the Contractor or his agents and the Engineer or his assistants being discovered after final payment has been made, the Owner and Engineer reserve the right to claim and recover by process of law, sums as may be sufficient to correct the error or make good the defects in the work resulting from such errors, dishonesty, or collusion.

S-107.22--Environmental Protection. Occupancy by the Contractor or subcontractor of any lands, whether on or off the project right-of-way and/or subject property, for the performance of any work under the contract, or preparation therefor, shall be contingent upon provisions being made and carried out to prevent or minimize air pollution or water pollution and for the proper disposal of all toxic, hazardous, or other waste material. Each operation carried on by the Contractor shall include, as a part of that operation, the best management practices and effective use of temporary measures necessary to maintain ground surface conditions so as to prevent or minimize soil erosion, sedimentation, and water pollution which may degrade receiving waters including rivers, streams, lakes, reservoirs, tidal waters, groundwater and wetlands. The primary objective shall be to establish and maintain all permanent erosion control features as soon as possible.

S-107.22.1--Section 404 Permits. Work in waters of the United States or their adjacent wetlands requires a Clean Water Act (CWA) Section 404 Permit from the U.S. Army Corps of Engineers. Section 404 Nationwide Permits are available for activities with minimal adverse effects on the aquatic environment, including wetlands and streams. If an individual Section 404 permit or notification is required, it will be provided by the Owner. These permits will be included in the contract when deemed necessary or made available for inspection in the office of the Engineer and the Owner. The Contractor will be required to adhere to any stipulations, agreements, mitigation plans and associated best management practices required by the permit. If the Contractor proposes the use of construction methods that may result in changes to project impacts, then the Contractor will be responsible for coordinating the review and approval process, as may be required.

S-107.22.2--National Pollutant Discharge Elimination System (NPDES) Permits. The Mississippi Department of Environmental Quality (DEQ) is the NPDES permit authority for Mississippi. Construction that disturbs 1 acre or more, or less than 1 acre if part of a larger common plan of development or sale, requires permit coverage. The current Large Construction General Permit (disturbs 5 or more acres) or the Small Construction Notice of Intent (disturbs 1 to 5 acres) issued by DEQ are hereby included by reference. They are available online at the DEQ web page and are revised and reissued every 5 years by DEQ. The Owner will obtain permit coverage for each project as required.

The Contractor will be required to implement and adhere to the conditions included in the general permit and the

project's Storm Water Pollution Prevention Plan (SWPPP) under the direction of the Engineer. It is the intent of the contract that construction storm water management be an integral part of all operations. Best management practices (BMP) for erosion and sediment control including silt fences, erosion control bales, check dams, berms, water bars, silt traps, silt basins, pipe slope drains, paved flumes, construction exits, temporary seeding, sodding, mulching, soil reinforcing mat, brush barriers, and other structural or non-structural practices shall be installed as shown on the plans and described in the project SWPPP. General locations for the control measures will be shown on the plans. Failure to implement or maintain the SWPPP or comply with permit requirements may result in suspension of work or withholding of estimates by the Engineer.

S-107.22.4--Storm Water Pollution Prevention Plan. The SWPPP for each construction project that disturbs 1 or more acres and the Certificate of Permit Coverage for each project that disturbs 5 or more acres will be included as a supplement in the contract documents.

S-107.22.5--Contractor's Pollution Prevention Plan. Before starting any work on the project, the Engineer may require the Contractor to submit for approval, schedules for installation, maintenance, and removal of temporary measures and establishment of permanent measures as required by the SWPPP and indicated on the plans, including a plan for the disposal of waste materials generated on the project site.

The Contractor may also be required to provide the Engineer a written plan of pollution control measures to be installed during Contractor operations in areas that are not addressed in the SWPPP or the plans to support the Contractor's operations, such as material processing plants or handling areas, haul roads, field offices, equipment and supply areas, and material sources. After review of this plan, the Engineer may require the Contractor obtain separate construction storm water permit coverage from DEQ. Pollution control measures outside the property (if necessary) shall be performed at the Contractor's expense.

The Contractor shall effectively prevent and control erosion and sedimentation on the site at the earliest practicable time as outlined in the approved schedule. Control measures, where applicable, will be implemented prior to the commencement of each construction operation or immediately after the area has been disturbed. The Contractor shall limit the amount of disturbed earth to that which can be effectively controlled. If, in the opinion of the Engineer, the Contractor is not able to effectively control soil erosion and sedimentation resulting from construction operations, the Engineer will limit the amount of disturbed area to that which the Contractor is able to control. Under no conditions shall the surface area of erodible earth exposed at one time by clearing and grubbing exceed 750,000 square feet without approval by the Engineer. After significant rainfall events, the Contractor will remove silt accumulations as soon as possible and deposit the material as approved by the Engineer.

Should the control measures fail to function effectively, the Contractor shall, without delay, act to bring the erosion and sedimentation under control by maintaining existing controls or by providing additional controls as directed by the Engineer. When in the opinion of the Engineer the site is adequately stabilized, temporary control measures will be removed and properly disposed of by the Contractor and the area restored or prepared for subsequent work.

S-107.22.6--Clearing and Grubbing, Haul Roads on or off the Right-of-way, Waste Areas, Plant Sites, or Other Areas Occupied by the Contractor in Connection with the Work. Clearing and grubbing on erodible areas, construction and maintenance of haul roads, plant sites, or other areas occupied by the Contractor in connection with the work shall include adequate protection by means selected by the Contractor and approved by the Engineer for preventing excessive erodible material from entering water or waterways off lands occupied by the Contractor and for preventing dust created by hauling equipment. Provisions for burning and dust and smoke control at plants are found elsewhere in these specifications.

Temporary erosion control measures as necessary shall be employed by the Contractor from the beginning of the work by the expeditious use of brush, vegetation or other residue from clearing and grubbing, temporary or permanent terraces, berms, dikes, dams, sediment basins, or other effective means of containing sediment. All temporary or permanent erosion control features shall be maintained in an effective manner so long as their use is essential to the

abatement of siltation.

After temporary features are deemed to no longer be useful, such features shall be removed and the area restored or prepared for subsequent work.

All temporary protection from siltation and pollution resulting from clearing and grubbing, construction of haul roads, and other areas indicated herein shall be the responsibility of the Contractor, and measurement for direct payment for construction, maintenance, removal, and satisfactory disposal will not be made unless indicated on the plans or authorized by the Engineer. Under no conditions shall the surface area of erodible earth exposed at one time by clearing and grubbing exceed 750,000 square feet without approval by the Engineer.

S-107.22.7--Pit Operations. The Contractor shall schedule, arrange, and conduct clearing and grubbing operations, stripping, opening up of the source, and all mining and hauling operations, and shall finish and protect the surface of disturbed areas so as to prevent siltation or pollution of ditches, streams, lakes, reservoirs and adjacent property with sediment, fuels, oils, or other objectionable material resulting from his operations.

Unless otherwise specified, or permitted in writing, upon completion of operations, excavations, pits, or quarries shall be finished so that water will not collect or pond therein. Areas or surfaces of waste overburden or stripping shall be finished, neatly dressed and terraced or otherwise left in a satisfactory condition to prevent siltation and pollution of ditches, streams, lakes, reservoirs and adjacent property.

S-107.22.8--Structures, Grading, and Other Construction. The Contractor shall perform all work required under the contract in such manner and with such protective features as will contain undesirable siltation under control within the limits of the work. Performance in the designated or directed sequence and the providing of all erosion protection for which pay items are not included in the contract shall be considered as included in prices bid for the various pay items of the contract.

The Contractor shall employ all temporary or permanent measures necessary to prevent or minimize undesirable siltation in connection with the excavation for and the construction and backfill of structures. Such temporary measures as are indicated herein for clearing and grubbing, or other measures such as covering of excavated materials, lining channels, construction bulkheads, or other effective measures shall be employed.

The Engineer will limit the areas of excavation, borrow, and embankment operations in progress commensurate with the Contractor's capability and progress in keeping the finish grading, mulching, seeding, and other such permanent erosion control measures current. Should seasonal limitations make such coordination unrealistic, temporary erosion control measures shall be taken immediately to the extent feasible and justified. Under no conditions shall the surface area of erodible material exposed at one time by excavation, borrow, or fill within the right-of-way and/or property exceed 750,000 square feet without prior approval by the Engineer.

S-107.22.9--All Operations. It shall be fully understood that nothing in this subsection shall be construed in any manner to relieve the Contractor from any of his responsibilities for the establishment of permanent erosion control and other permanent work specified for erosion control in the sequence and manner included in other provisions and requirements of the contract.

S-107.23--Material Pits.

I. Bidders are reminded of the Mississippi Surface Mining and Reclamation Act and the Rules and Regulations adopted to implement this act. Questions or problems concerning the Act or the Rules and Regulations should be directed to the Department of Environmental Quality, Office of Geology, Department of Mining & Reclamation, P.O. Box 20307, Jackson, MS 39289-1307. Telephone Number: 601\961-5500

S-107.24--Construction Noise Abatement. The Contractor shall comply with all state and local sound control and

noise level rules, regulations and ordinances which apply to any work performed pursuant to the contract.

Each internal combustion engine, used for any purpose on the work or related to the work, shall be equipped with a muffler of a type recommended by the manufacturer. No internal combustion engine shall be operated on the project without such muffler.

S-107.25--Hazardous and/or Toxic Waste Procedures. No matter how extensive a field investigation, the possibility exists that hazardous and/or toxic wastes on a site will go undetected until excavation is initiated. If underground storage tanks (USTs), buried containers, hazardous and/or toxic substances are uncovered - or even suspected - during construction, work in this area shall be immediately discontinued and measures taken to protect susceptible nearby wetlands or ground-water sources.

It is essential that the suspected hazardous substances be left in place until they have been identified. The Contractor shall make every effort to prevent his personnel, Owner and Engineer personnel and the general public from becoming exposed to substances that may be hazardous or toxic. Once contaminated soil or debris has been removed from the ground and leaves the site, it is considered a hazardous waste (if the concentration exceeds regulatory levels). In such cases, the Contractor becomes a hazardous waste generator, and the Owner becomes subject to the provisions of the Resource Conservation and Recovery Act (RCRA).

Disposition of all underground storage tanks (USTs), containers, hazardous and/or toxic waste shall be in accordance with current rules and regulations of the Department of Environmental Quality, Office of Pollution Control.

The Contractor shall report to the Engineer and the Office of Pollution Control any evidence or conditions which may cause suspicion that a waste site of hazardous or toxic materials and/or containers or USTs has been located within right-of-way and/or property limits of the construction project. Work shall cease immediately at such suspected site and shall not resume until directed by the Engineer.

The Owner reserves the right to use other forces for exploratory work to identify and determine the extent of hazardous and/or toxic waste. Should the disposition of such material require special procedures by certified personnel, the Owner will make arrangements with qualified persons to dispose of the material.

SECTION S-109 - MEASUREMENT AND PAYMENTS

S-109.01--Measurement of Quantities. The measurement and determination of quantities of each pay item will be made in general as prescribed hereinafter, and specifically as set out under Method of Measurement and Basis of Payment in the specifications for each pay item. Actual authorized quantities of work completed under the contract will be measured by the Engineer according to United States standard measures, and in accordance with well recognized engineering practices. Unauthorized wastage of material will be deducted, and only quantities actually incorporated in the completed work or ordered to be wasted will be included in the final estimate.

A station when used as a definition, term or measurement will be one hundred (100) linear feet.

Unless otherwise specified, longitudinal measurements for area computations will be made horizontally, and no deductions will be made for individual fixtures having an area of nine square feet or less. Unless otherwise specified, transverse measurements for area computations will be the neat dimensions shown on the plans or ordered by the Engineer.

Where the area unit for measurement and payment is specified for erosion control items, the measurements will be taken on the slope of the ground to compute the actual surface area for payment.

Structures will be measured according to neat lines shown on the plans or as altered to fit field conditions.

All items which are measured by the linear foot, such as pipe culverts, guardrail, underdrains, etc., will be measured as specified under the Method of Measurement for the item unless otherwise shown on the plans.

No payment will be made for unauthorized excavation. Excavation or embankment performed beyond the required neat lines, or slope stakes, will not be measured for payment except as elsewhere provided herein or when within tolerances specified.

In computing volumes of excavation and embankment, the average end area method will be used, unless otherwise specified.

The term gage, when used in connection with the measurement of plates, will mean the U.S. Standard Gage, except that when reference is made to the measurements of galvanized sheets used in the manufacture of corrugated metal pipe, metal plate pipe culverts and arches, and metal cribbing, the term gage will mean that specified in the AASHTO Designation: M 36 or M 167.

When the term gage refers to the measurement of wire, it will mean the gage specified in the AASHTO Designation: M 32.

The term ton will mean the short ton consisting of 2000 pounds avoirdupois. All materials which are specified for measurement by the ton shall be weighed by competent personnel on accurate, approved scales set at locations approved by the Engineer. If material is shipped by rail, the car weight may be accepted provided the actual weight of material only will be paid for, and not minimum car weight used for assessing freight tariff. However, car weights will not be acceptable for material to be passed through mixing plants. Trucks used to haul material being paid for by weight shall be weighed empty daily at such time as the Engineer directs, and each truck shall bear a plainly legible identification mark.

Timber will be measured by the thousand feet board measure (MBM) actually incorporated in the structure. Measurement will be based on nominal widths and thicknesses and the extreme length of each piece.

When a complete structure or structural unit (in effect, "lump sum" work) is specified as the unit of measurement, the unit will be construed to include all necessary fittings and accessories.

Volumes of materials computed in cubic yards by the average end area method are designated as "Final Measure" (FM), "Final Measure Embankment" (FME) or "Plan Measure" (PM). Volumes of materials designated for measurement loose in the vehicle are designated as "Loose Vehicle Measure" (LVM).

Volumetric measurement of excavation, embankment, granular materials, or similar materials in cubic yards will be made by the methods (see below) designated on the plans or in the proposal. For justifiable reasons, such as impracticability of measurement of volumes (usually small) by the designated method, the Engineer may order measurement by another method as follows:

- (1) Volumes designated for payment by FM may be measured LVM, and converted to contract measurement by multiplying the loose measure by eighty percent.
- (2) Volumes designated for payment by LVM may be measured at the source by the average end area method and converted to contract measurement by multiplying the FM measure by one hundred twenty-five percent.
- (3) Volumes designated for payment by FME may be measured in its original position by the average end area method and multiply the FM measure by 90 percent.
- (4) Small volumes of surplus, excess excavation or other small volumes of excavation which are impractical to measure by the average end area method but are designated to be measured by FME may be measured LVM and multiply the loose measure by 72 percent.

When any of the above conversion measurements are ordered by the Engineer, the method of measurement shall be deemed acceptable to all parties and shall be final.

When the average end area method is indicated, other three dimensional measurements of the prismoid occupied by the material in its natural position before removal, may be used.

When requested by the Contractor and approved by the Engineer in writing, materials specified to be measured by the cubic yard or ton may be converted to the other measure as appropriate. Factors for conversion from weight measurement to volume measurement or from volume measurement to weight measurement, will be determined by the Engineer and shall be agreed to by the Contractor before such method of measurement of pay quantities is used.

All materials for which measurements are obtained by the cubic yard LVM shall be hauled in approved vehicles and verified therein at the point of delivery. Approved vehicles for this purpose may be of any size or type acceptable to the Engineer, provided the body is of such shape that actual delivered contents may be readily and accurately determined to the whole cubic yard. Unless all approved vehicles on the work are of uniform capacity, each vehicle must bear a plainly legible identification mark, indicating its measured capacity.

All vehicles shall be loaded to a sufficient level to ensure a water level load when the vehicles arrive at the point of delivery. Loads not hauled in approved vehicles, or of a quantity less than the measure quantity for the hauling vehicles, will be subject to rejection.

Bituminous materials will be measured by the gallon or ton. Volumes will be measured at 60⁰ F or will be corrected to the volume at 60⁰ F.

S-109.02--Scope of Payment. The compensation, as herein provided, constitutes full payment for the complete work, including all materials, labor, tools, equipment, and incidentals necessary for performing all work contemplated and embraced under the contract; for all loss or damage arising out of the nature of the work; for all loss from the action of the elements, except as otherwise provided; for any unforeseen difficulties or obstruction of

the work which may arise or be encountered during the prosecution of the work until its final acceptance; for all risks connected with the prosecution of the work; for all expenses incurred by or in consequence of suspension or discontinuance of the work as herein specified, or for any infringement of patents, trademarks, or copyrights; and for completing the work in an acceptable manner according to the plans and specifications.

If the "Basis of Payment" clause in the specifications relating to any pay item in the contract requires that the contract unit price cover and be considered compensation for certain work or material essential to the item, this same work or material will not also be measured or paid for under any other pay item which may appear elsewhere in the specifications.

The payment of any current estimate, prior to final acceptance of the work by the Owner and Engineer, shall in no way constitute acceptance of the work, nor in any way affect the obligation of the Contractor to repair or renew defective parts of the work. The Engineer will be the judge of defects or imperfections, and the Contractor shall be liable to the Owner for failure to correct same as provided herein.

S-109.03--Compensation for Altered Quantities. Whenever the quantity of any pay item is increased or decreased from the original contract quantity, payment for the item will be made on the basis of the actual quantity completed at the contract unit price, except as otherwise provided in S-104.02, in the detailed specifications for the particular pay item or by supplemental agreement.

S-109.04--Extra and Force Account Work. Extra work performed in accordance with the requirements and provisions of S-104.03 will be paid for at the unit prices or lump sum stipulated in the agreement authorizing the work, or the Engineer with the approval of the Owner may require the Contractor to do such work on a force account basis to be compensated in the following manner:

- (1) Labor. For all labor and foremen in direct charge of the specific operations, the Contractor will receive the rate of wage (or scale) agreed upon in writing before beginning work for each hour that labor and foremen are actually engaged in such work.

An amount equal to fifteen (15) percent of the sum of the above item will also be paid the Contractor.

- (2) Bond, Insurance, and Tax. For property damage, liability, and workmen's compensation insurance premiums, unemployment insurance contributions and social security taxes on the force account work, the Contractor will receive the actual cost, to which cost no percentage will be added. The Contractor shall furnish satisfactory evidence of the rate or rates paid for the bond, insurance, and tax.
- (3) Materials. For materials accepted by the Engineer and used, the Contractor will receive the actual cost of the materials, including transportation charges paid by him (exclusive of machinery rentals as hereinafter set forth), to which cost fifteen (15) percent will be added.
- (4) Equipment. For any machinery or special equipment (other than small tools) authorized by the Engineer, the Contractor will receive the rental rates agreed upon in writing.

In the event an agreement cannot be reached for a particular piece of equipment, the pamphlet entitled "Construction Equipment Ownership and Operating Expense Schedule, Region III" as published by the Department of Army, U.S. Army Corps of Engineers, current at the time the force account work is authorized, will be used to determine equipment ownership and operating expense rates. These rates do not include allowances for operating, labor, mobilization or demobilization costs, overhead or profit, and do not represent rental charges for those in the business of renting equipment. Operating labor and overhead cost will be allowed. Subject to advance approval of the Engineer, actual transportation cost for a distance of not more than 200 miles will be reimbursed for equipment not already on the project. The cost of transportation after completion of the force account work will be reimbursed except it cannot

exceed the allowance for moving the equipment to the work.

The hourly use rates are computed on the basis of a 40-hour work week. When the Contractor works more than 40 hours per week, the cost for "Cost of Facilities Capital" will be excluded from the hourly rate for those hours in excess of 40 hours per week.

No more than eight hours of standby will be paid during a 24-hour day, nor more than 40 hours per week. Standby time will not be allowed unless the equipment has been in idle status in excess of 16 hours during a 24-hour day. Likewise, standby will not be allowed during periods when the equipment would have otherwise been in idle status. Actual operating time during a week will be credited against the 40 hours maximum standby allowance.

All equipment shall be subject to approval from day to day in accordance with the requirements of S-108.05.

- (5) Miscellaneous. No additional allowance will be made for general superintendence, the use of small tools, or other costs for which no specific allowance is herein provided.
- (6) Compensation. No extra work on a force account basis will be paid for unless unit prices for labor, materials, and equipment rentals have been agreed upon in writing before work is started. In no case shall the unit prices paid to the Contractor exceed the amount of the quoted unit price for each item stipulated in the Force Account agreement.

The Contractor, or his authorized representative, and the Engineer shall compare records of extra work done on a force account basis at the end of each day. Copies of these records shall be made upon the form provided for this purpose, and shall be certified to by the Contractor and the Engineer. The Contractor shall furnish to the Engineer itemized statements of the cost of all force account work. The statements shall include a true copy of the payroll and the original receipted bills and invoices for the material used and the freight charges paid on same. Where materials used are not specifically purchased for use on extra work but are taken from the Contractor's stock, the Contractor may submit an affidavit of the quantity, price, and freight on these materials in lieu of certified copies of original bills and invoices. Statements covering force account work for each specific agreement shall be submitted promptly at the end of the month in which the work was actually completed.

S-109.05--Eliminated Items. Should any item contained in the proposal be found unnecessary for the proper completion of the work, the Engineer may, upon written order to the Contractor, eliminate the item from the contract and in no way invalidate the contract. When the Contractor is notified of the elimination of items, he will be reimbursed for actual work done and all costs incurred prior to the notification as provided in S-104.02.

S-109.06--Partial Payments.

S-109.06.1--General. Monthly estimates will be authorized by the Engineer provided the amount due on completed work is at least \$1,000.00 including advancement on materials. The monthly estimate will be prepared by the Engineer on the day of the month prescribed by the Owner. Partial payments based on monthly estimates and computed at contract unit prices will be made on or about the day prescribed by the Owner.

If defective work and/or materials are discovered or reasonable doubt arises as to the integrity of any part of the work for which partial payment has been allowed, a deduction from subsequent estimates in an amount equal to the value of the defective or questioned work will be made until the defects have been remedied or the causes for doubt removed.

S-109.06.2--Advancement on Materials. Upon written request of the Contractor, written consent of the Surety, approval by the Owner, advance payments for bulky non-perishable durable materials constituting significant portions of the project cost stored and stockpiled on or near the project or at other locations approved by the Engineer may be allowed. Borrow material, granular materials, topsoil, living or perishable plant materials and seeds are not to be considered for partial payment, nor will partial payments be made on relatively small quantities of materials. If partial payment is allowed, such payment will be based on the verified actual material costs plus the freight charges (excluding sales tax, local hauling and handling costs) without regard to percentage of completion of work. Estimates will not be allowed until the Engineer receives duplicate copies of material invoices plus a testing engineer's certification. In all cases the Contractor shall save harmless the Owner and Engineer in event of loss or damage, regardless of cause, as a result of such advance payments.

As the materials are incorporated into the work in accordance with specification requirements proportionate reductions for advanced payments shall be made from the monthly estimates covering the work performed. Calculation of percentage of completion, or rate of progress, shall be based on completed work and no consideration shall be given to inclusion of stockpiled materials in such calculations.

S-109.06.3--Retainage. Ten percent (10 %) of the total of each monthly estimate will be deducted and retained until after the completion of all work in the contract, and the balance, less all previous payments, will be certified by the Engineer. The monthly estimates will be approximate only, and all estimates and payments will be subject to correction following discovery of error in any previous estimate. When all work has been completed the Engineer may, with the approval of the Owner and consent of the Surety, reduce the retainage to two and one-half percent of the total amount earned.

Should defective work or materials be discovered or should reasonable doubt arise as to the integrity of any part of the work completed previously, there will be deducted from subsequent estimates an amount equal to the value of the defective or questioned work, and this work will not be included for payment until the defects have been remedied or the causes for doubt removed.

S-109.06.4--Withholding of Estimates. An estimate may be withheld indefinitely until all directions given by the Engineer, in compliance with and by virtue of the terms of the contract, have been complied with by the Contractor.

S-109.07--Payment for Material on Hand. See S-109.06.2.

S-109.08---Changes in Material Costs. Because of the uncertainty in estimating the costs of petroleum products that will be required during the life of a contract, adjustment in compensation for certain materials is provided as follows:

Bituminous Products--Each month the Department will acquire unit prices from producers or suppliers who supply the State highway construction industry with bituminous products. The average of all quotes for each product will serve as the base price for contracts let in the subsequent month.

S-109.09--Freight Rates and Labor Rates. "Blank".

S-109.10--Payment of Withheld Funds. "Blank".

S-109.11--Acceptance and Final Payment. When the Engineer has determined the Contractor has performed all of the work in accordance with the terms of the contract, and that all test reports are on file, he will notify the Owner accordingly, requesting that a final inspection of the work be performed. The Engineer or his representative shall make such final inspection in company with the Owner and, if the Owner concurs with the Engineer's recommendation that the work be accepted, the Owner will then formally accept the work in writing.

Whenever the work provided for in the contract shall have been completely performed on the part of the Contractor and all parts of the work have been approved by the Engineer and accepted by the Owner, a final estimate showing the value of the work will be prepared by the Engineer as soon as the necessary final measurements and computations can be made. The amount of this estimate, less any sums that have been deducted or retained under the provisions of the contract, will be paid to the Contractor as soon as practicable after the final acceptance. The Owner may at their discretion withhold final payment until receipt from the Contractor's Surety of a statement consenting to the release of a part of or all of the retainage.

The acceptance by the Contractor of the last payment as aforesaid shall operate as and shall be a release to the Owner from all claims or liabilities under the contract for anything done, furnished or relating to the work under the contract, or for any act or neglect of said Owner relating to or connected with the contract.

S-109.12--Right to Audit. The Owner reserves the right to audit the Contractor's records at any time during the contract period and up to three years after the final contract payment or up to three years after any litigation is filed with court, whichever is later. If the Owner commences an audit, the Contractor will be required to provide sufficient original documents and records to satisfy the Owner that the costs included in the Contractor's claim were incurred solely in performance of the referenced project and project phase and were not incurred on any other project or phase of the referenced project that the Contractor is constructing or has constructed. The audit will be conducted in accordance with United States General Accounting Office's Governmental Auditing Standards, the Institute of Internal Auditor's Professional Practice Standards, and the American Institute of Certified Public Accountant's Auditing Standards.

S-109.13--Contract Overpayment(s). The Contractor is duly responsible to and will immediately reimburse the Owner, without any demand therefor, for any overpayment(s) of which he has knowledge or through due diligence, should have knowledge.

By the execution of the contract, the Contractor also agrees that if the Owner has made any overpayment(s) to the Contractor on any previously executed contract(s), the Owner may notify the Contractor in writing of the nature and the amount of the overpayment(s). If the Contractor fails to remit the overpayment(s) to the Owner within thirty (30) calendar days, the Owner may withhold any payment(s) due the Contractor until said overpayment(s) are received.

SECTION S-200 - MOBILIZATION

S-200.01--Description. Mobilization shall consist of moving all labor, equipment, supplies, and incidentals to the project site and removing same after other work under the contract has been completed. It shall also include all mobilization preconstruction costs which are necessary direct costs to the project and are of a general nature rather than directly attributable to other pay items.

COMPENSATION**S-200.02--Method of Measurement.**

S-200.02.1--Mobilization. Measurement for payment will be in accordance with the following schedule:

- (1) When five percent of the original contract amount is earned from other bid items (exclusive of those listed as dependent items), fifty (50) percent of the amount bid for mobilization, or five percent of the original contract amount, whichever is less, will be paid.
- (2) When ten (10) percent of the original contract amount is earned from other bid items (exclusive of those listed as dependent items), one hundred (100) percent of the amount bid for mobilization, or ten (10) percent of the original contract amount, whichever is less, will be paid.
- (3) Upon completion of all work, payment of any amount bid for mobilization in excess of ten (10) percent of the original contract amount will be paid.

In the event the contract is terminated under the provisions of S-108.09, the percentages listed will not be used in computing total payment, but the percentages of original contract amount (exclusive of dependent items) earned at the time of termination will be applied to the lump sum price bid for mobilization.

S-200.03--Basis of Payment. Mobilization will be paid for at the contract lump sum price, which shall be full compensation for completing the work specified.

Payment will be made under:

S-200-A: Mobilization - lump sum

When not listed as a pay item, the cost of this work shall be included in the prices bid for other items.

S-201 – Clearing and Grubbing

S-201.01--Description. This work shall consist of clearing, grubbing, removing and disposing of all things within the limits of the right-of-way and/or property and easement areas, except things designated to remain or to be removed in accordance with other provisions of the contract. This work shall also include the preservation from injury or defacement of all vegetation, objects, or materials designated to remain or to be salvaged, and the removal and satisfactory disposal of obstructions and salvable material when their removal and disposal is not otherwise provided in the contract. The requirements for removal and disposal shall be in accordance with the provisions and requirements of S-202.

CONSTRUCTION REQUIREMENTS

S-201.02--General. It is the intent of these specifications that all desirable natural growth within the right-of-way, property and easement areas be preserved where practicable, and that all things which detract from the aesthetic value of the completed work, unnecessarily interfere with construction, or would unnecessarily interfere with future maintenance be removed. The Contractor shall be responsible for preserving all things designated to be salvaged or to remain. In areas where desirable natural growth is designated to remain, the Contractor shall thin or trim shrubbery and live trees to the extent consistent with the intent of these specifications. Use of methods or equipment which might mar or destroy vegetation designated for preservation will not be permitted.

All clearing and grubbing necessary for setting construction stakes shall be completed a satisfactory distance ahead of grading operations. Refer to S-107.22.5 for restrictions and protection of the cleared area.

S-201.03--Clearing and Grubbing.

S-201.03.1--Clearing and Grubbing-Lump Sum Basis. Surface objects, trees, stumps, roots, and other protruding or underground obstructions, not designated to remain, shall be cleared and grubbed (including mowing, as required).

Except in areas to be excavated, stump holes and other holes from which obstructions are removed shall be backfilled with suitable material and thoroughly compacted as specified.

All operations shall be conducted in such a manner as to prevent damage to anything that is to remain on the right-of-way, property or to adjacent property.

Burning of perishable material shall be done only in accordance with applicable laws, ordinances, and regulations. If not burned, materials and debris shall be removed from the right-of-way and/or property and disposed of outside the limits of view from any public road or facility.

Low hanging and unsound or unsightly branches on trees or shrubs designated to remain shall be removed as directed. Branches of trees extending over the roadway shall be trimmed to give a clear height of at least twenty (20) feet above the roadway surface. All trimming shall be done by skilled workmen and in accordance with good tree surgery practices. An approved asphaltum base paint prepared specifically for tree surgery shall be furnished and applied by the Contractor to cut or scarred surfaces on trees or shrubs selected to remain.

S-202 – Removal of Structures and Obstructions

S-202.01--Description. This work shall consist of the removal and the satisfactory disposal of all buildings, fences, structures, old pavements, abandoned pipe lines, and other obstructions which are not designated to remain or to be removed and disposed of under other provisions of the contract or under separate contracts or agreements. This work shall also consist of necessary excavation incidental to the removal of structures and obstructions and backfilling the resulting cavity.

CONSTRUCTION REQUIREMENTS

S-202.02--General. The Contractor shall preserve and protect all structures, fences, public and private utilities, and improvements, above or below the ground, which are to remain or be removed by others. Unless specified, removal or adjustment of these items will not be the responsibility of the Contractor.

The Contractor shall raze or remove and satisfactorily dispose of all buildings, structures, fences, and other obstructions, except those items indicated to remain or be otherwise removed and disposed of. Basements or cavities left by structure removal shall be filled to the level of the surrounding ground, compacted as directed, or if within the limits of construction, compacted in accordance with S-203.09.3.

All materials not designated for salvage shall be disposed of by the Contractor in accordance with S-201.03.

Operations necessary for the removal of an existing structure or other obstruction which may damage new construction shall be completed prior to constructing the new work. The Contractor shall employ methods for removal to ensure that new work, items in place to remain, or materials to be salvaged will not be damaged (Reference is made to S-107.12).

All material designated for salvage shall be removed, without unnecessary damage, in sections or pieces which may be readily transported and shall be stored by the Contractor at designated sites within the project limits.

S-202.03--Removal of Bridges, Culverts, and Other Drainage Structures. Bridges, culverts, and other structures, in use by traffic, shall not be removed until the traffic is satisfactorily accommodated otherwise.

Unless otherwise directed, existing structures shall be removed to at least one foot below the final ground line or designated low water level. The removal of portions of bridges located in navigable streams shall be subject to the requirements set out in the permit of the authority approving the location and plans and authorizing construction of the new structure.

Unless otherwise specified in the proposal, or noted on the plans, structural steel, timber, and salvageable material shall remain the property of the Owner. Steel or timber bridges shall be carefully dismantled without unnecessary damage. Steel members shall be match marked, and all salvaged material shall be stored as specified in S-202.02.

When required on the plans or in the proposal, concrete which is suitable for riprap shall be salvaged and stockpiled, or otherwise disposed of in accordance with S-202.05.

S-202.04--Removal of Pipe. All culvert pipe designated to be salvaged or relaid shall be carefully removed and every reasonable precaution taken to avoid breaking or damaging. Pipes designated to be relaid shall be removed, handled, and stored when necessary so that there will be no loss or damage before relaying. The Contractor shall replace without extra compensation all sections lost from storage or damaged by negligence or improper methods to the extent its reuse is deemed by the Engineer to be unsatisfactory. Pipes not designated to be salvaged or relaid shall be disposed of by the Contractor in accordance with S-201.03.1.

S-202.05--Removal of Pavement, Sidewalks, Curbs, Etc. When required on the plans or in the proposal, concrete pavement, sidewalks, curbs, gutters, etc. designated for salvage shall be broken into pieces not exceeding 150 pounds in weight unless otherwise specified and shall be stockpiled at locations designated by the Engineer within the project limits or at other locations designated in the contract. All excess over that required for salvage, and all when none is required for salvage, shall be disposed of by the Contractor, without regard to size of pieces in accordance with S-201.03.

S-203 – Excavation and Embankment

S-203.01--Description. This work shall consist of excavation and embankment required for the proposed improvements, and includes the preparation of subgrade and foundations, the construction of embankments and other utilization or disposal of materials excavated, and the compaction and dressing of excavated areas and embankments.

S-203.02--Classifications of Excavation. Where classification is provided by separate pay items in the proposal, the excavation specified under this section may be classified by any of the following classes:

S-203.02.1--Unclassified Excavation. When no pay item is included in the contract for other classes of excavation, unclassified excavation will consist of the excavation and processing or disposal of all materials of whatever character encountered in the work. When pay items are included for other classes of excavation, unclassified excavation will consist of the excavation and processing or disposal of all materials except those for which additional pay items are provided.

S-203.02.2—Blank.

S-203.02.3--Muck Excavation. When shown as a pay item, muck excavation will consist of the excavation, removal, and disposal of natural deposits of saturated or unsaturated mixtures of soils and organic matter unsuitable for foundation materials. The Engineer, after consideration of the material and the conditions involved at the time of excavation, will be the sole judge as to whether the material involved will be classified as muck excavation.

S-203.02.4--Borrow Excavation. Borrow excavation will consist of approved material required for the construction of embankments or other portions of the work. The Contractor shall make arrangements for obtaining borrow, and shall pay all costs involved. Contractor furnished borrow with a LL of not more than 25 and a PI between 8 and 12.

S-203.02.5--Channel Excavation. When shown as a pay item, channel excavation will consist of excavation and disposal of all material required for the widening, deepening, or straightening of an existing channel or the construction of a new channel. Material from channel excavation used in the roadbed or other required embankment construction will be classified as unclassified excavation.

S-203.02.6--Special Excavation. When shown as a pay item, special excavation will consist of the excavation and disposal of the following: unsuitable materials required to be removed below natural ground under embankments; unsuitable materials encountered in soils not placed under this contract; or excavation below required embankments specified for the salvaging and stockpiling of topsoil and plating material.

S-203.02.7--Excess Excavation. When shown as a pay item, excess excavation will consist of excavation which cannot be satisfactorily used or disposed of within the right-of-way and/or property. Except for muck excavation, excess excavation may include any type, kind, or class of excavation which the Engineer determines must be removed from the right-of-way and/or property. It will not include any excess caused by the Contractor importing too much excavation; in this case the excess excavation shall be removed from the project at the expense of the contractor.

When shown as a pay item and unless otherwise indicated in the contract, the Contractor shall provide a disposal area for excess excavation.

S-203.02.8--Surplus Excavation. When shown as a pay item, surplus excavation will consist of required excavation within the project limits, which is in excess of or unsuitable for that required for embankments and which can be satisfactorily used or disposed of within the project limits.

S-203.02.9--Stripping Excavation. Stripping excavation shall consist of the excavation, removal and disposal of all overburden materials of whatever character necessary to satisfactorily expose suitable selected material.

S-203.02.10--Estimated On Site Excavation (E.O.S.E.). Where projects cannot be balanced from material from within the project limits, excavation identified as Estimated On Site Excavation (E.O.S.E.) shall become the property of the contractor. It shall be excavated, used in the embankment if suitable, and paid for as Borrow Excavation (F.M.E.), (or in lump sum item), if used in the embankment.

CONSTRUCTION REQUIREMENTS

S-203.03--General. Excavation and embankment operations may be started at the location and in the sequence approved by the Engineer when:

- (1) sufficient clearing and grubbing has been completed and accepted;
- (2) the work has been cross sectioned and slope staked (if necessary);
- (3) installation of required pipes, culverts, and approved backfills are complete;
- (4) the site has been prepared in accordance with these specifications;
- (5) the Contractor has informed himself as to the proper haul and disposal of material.

Excavations and embankments shall be finished to reasonably smooth and uniform surfaces. No material shall be wasted without permission of the Engineer. Excavation operations shall be conducted so that material outside the limits of slopes will not be unnecessarily disturbed.

Where plating is contemplated, either in cut or fill sections, appropriate adjustment shall be made in the graded section during construction so that the finished section after plating will conform within allowable tolerances to the typical sections shown on the plans.

Unless otherwise specified, rock larger than three inches shall be removed to a minimum depth of eight inches below subgrade, and the excavation backfilled with material designated on the plans or approved by the Engineer. Care shall be taken that undrained pockets are not left in the surface of rock.

Borrow material should not be placed until after excavation has been placed in embankments. Excess material determined to have been caused by the Contractor importing too much excavation from sources shall be removed from the project limits in accordance with S-104.06 unless the Engineer orders that the material be disposed of within the project limits. The Contractor shall not excavate beyond the dimensions and elevations established or approved.

When the Contractor's excavating operations encounter remains of prehistoric dwelling sites or other artifacts of historical or archeological significance, the operations shall be temporarily discontinued. The Engineer will contact appropriate authorities to determine the disposition thereof.

When directed by the Engineer, the Contractor shall excavate the site in a manner to preserve the artifacts encountered, and if required shall remove them for delivery to the owner.

Where excavation to grade results in a foundation, subgrade, or slope of unsuitable soil, the Engineer may require the Contractor to remove unsuitable materials and backfill to the required grade with approved material. Slides or other soil failures shall be removed by the Contractor.

The Engineer may designate as unsuitable those soils which cannot be properly compacted under satisfactory conditions. All unsuitable material shall be disposed of as specified or directed.

S-203.04--Topsoil. Where the salvaging and stockpiling of topsoil or plating material is specified, this operation shall be completed before beginning excavation of the underlying material.

S-203.05—Blank.

S-203.06--Excavation Operations. Excavation operations shall be so conducted as to minimize the loosening of materials outside the required slopes or below the indicated grade. No payment will be made for the removal, disposal, or replacement of material determined to be loosened or undercut through carelessness or negligence on the part of the Contractor. Neither will payment be made for excavation which is used for purposes other than designated.

When practicable, excavation and disposal of the material shall be conducted in such a manner that the most suitable material will be placed in the top courses of embankments. Adequate drainage which will conform to the finished drainage system shall be maintained.

All earth cut slopes shall be dressed to smooth and uniform surfaces to conform to the specified sections. Allowable tolerances for cut slopes shall be plus or minus five-tenths (0.5) foot horizontally at subgrade elevation. On deep cuts, a greater tolerance is allowable but not to exceed an additional three-tenths (0.3) foot horizontally for each ten (10) feet of depth. Allowable vertical tolerances at subgrade elevation shall be plus or minus 0.10 foot in elevation.

S-203.07--Blank.

S-203.08--Disposal of Unsuitable, Surplus, Channel, and Excess Excavation. All material encountered in excavation within the project limits which is unsuitable for use in the work shall be removed and disposed of as specified in the contract or as directed. Unsuitable material shall be understood to be any material, which at the proper moisture content cannot be processed to the required density and stability. Unless otherwise specified, the Contractor shall provide at his own expense the location for the disposal of muck and excess excavation, and shall furnish the Engineer with two signed copies of the release as provided in S-104.06.

S-203.09--Embankment Construction.

S-203.09.1--General. Embankment construction shall consist of: constructing roadway embankments; dikes; placing and compacting of approved material where unsuitable material has been removed; backfilling of structures where not otherwise provided for; and placing and compacting embankment material in holes, pits, or other depressions.

This work shall also consist of preparation of the areas upon which embankments are to be constructed. Only approved materials excavated as provided in the contract shall be placed in embankments and backfills; unsuitable or perishable materials such as rubbish, sod, brush, roots, loose stumps, logs, heavy vegetation, sawdust, etc. shall not be incorporated in embankments. Rocks, broken concrete, or other solid material shall not be placed in embankment areas.

Special materials for embankments such as for inundated areas, filter beds, etc. or special backfill material may be specified elsewhere in the contract.

S-203.09.2--Preparation of Embankment Areas. Preparation of embankment areas shall be in accordance with one or a combination of the following procedures:

S-203.09.2.1. All grade points shall be undercut, back-filled with suitable excavation material, and compacted to the density for the design soil portion of embankments. The material excavated from the undercut, if

suitable, shall be used in other portions of the work. The undercut at each grade point shall be approximately three feet below the subgrade in the embankment. The undercut shall be extended a sufficient distance into the cut to provide an undercut grade at the point of intersection with the subgrade of not less than two feet below natural ground.

S-203.09.2.2. Unless otherwise specified or directed by the Engineer, where the height of an embankment to subgrade will be three feet or less, all sod, vegetable matter, and unsuitable soil shall be removed from the surface upon which the embankment is to be constructed. The cleared surface shall be completely broken up by plowing, scarifying, or disk-harrowing to a depth of at least six inches. The loosened material shall then be compacted to the density specified (SV) for the design soil portion of the embankment.

The removed vegetation and unsuitable soil shall be disposed of as directed.

No additional payment will be made for plowing, scarifying, or disk-harrowing under this type of preparation.

S-203.09.2.4. In areas where the height of embankment to subgrade is to be greater than three feet, all material determined by the Engineer to be unsuitable for foundation for the embankment shall be undercut and disposed of as directed. All sod on all other areas shall be thoroughly disk-harrowed before construction of the embankment.

S-203.09.2.5. Where embankment is to be constructed on hillsides or against existing roadway slopes, slopes which are steeper than 4:1 shall be continuously benched as the new work is brought up against the slope. Benching shall be of sufficient width to permit operation of placing and compacting equipment. Each horizontal cut shall begin at the intersection of the original ground or slope and the vertical sides of the previous cut. Material thus cut out shall be recompacted along with the new embankment material and will not be measured for payment.

S-203.09.3--Embankment Formation. After the area has been prepared as specified, the embankment shall be constructed in full width layers parallel to the finished grade.

Except as herein provided, each layer shall not exceed eight inches (loose) in thickness, and shall be spread, shaped, and compacted so that the completed embankment will conform to the required density, stability, line, grade, and cross-section.

The required stability in embankment construction shall be that which the Engineer determines can be reasonably obtained at the proper moisture content for the material being placed. Sponginess, shoving, or other displacement under heavy equipment will be considered prima facie evidence of lack of stability under this requirement.

Direct casting or similar methods will not be permitted unless authorized in writing by the Engineer. Should direct casting be authorized, all cast material shall be moved from the point where it is deposited, spread and compacted in uniform layers as specified herein.

S-203.09.3.1--Basement Soils. In low, swampy ground which will not support the weight of hauling equipment, the Engineer may permit the bottom portion of the embankment to be constructed in a uniformly distributed layer of sufficient thickness to support equipment placing subsequent layers. However, this method will not be permitted in any portion of the fill less than three feet below subgrade.

In areas where the embankment material is of a highly varying character, construction shall be performed so as to eliminate pockets or strata of varying materials. Each layer shall be disk-harrowed and heavily bladed for its

full depth; or moved from its position of deposit by motor grader, bulldozer, or other equipment; or processed by other means to the extent necessary to eliminate pockets or strata of material of varying character. The layer shall then be shaped and compacted in accordance with these specifications.

Rock in embankment shall be distributed over the area to avoid bridging, nests, or pockets, and all interstices shall be completely filled with earth or stone fragments and compacted. Where only occasional boulders are encountered, they shall be placed near the outer slopes in lower portions of the embankment.

S-203.09.3.2--Design Soils. Each layer of the design soil shall be disk-harrowed and heavily bladed for its full depth, or processed by other approved means to the extent necessary to provide a layer of material reasonably uniform in character. Each layer shall then be shaped and compacted in accordance with these specifications.

S-203.09.3.3--Backfill and Embankment Formation Adjacent to Structures. Backfilling around structures shall not start until the structure has been properly cured for the minimum number of days required and permission has been granted by the Engineer to proceed with the work. The work shall be performed only under the direct supervision of the Engineer or his designated representative.

The material shall be approved before placement, and shall be the best available from the sources. It shall preferably be nonplastic, sandy, or loamy earth and shall be free from large lumps, clods, rock, or other objectionable matter. Adequate provision shall be made for thorough drainage of all backfilling.

The backfill material shall be deposited in uniform, parallel layers on the sides of box bridges or culverts, or other structures. Each layer shall be disk-harrowed and bladed for its full depth or processed by other approved means to the extent necessary to provide a layer of material reasonably uniform in character, and shall be so placed and compacted that drainage of the layer will be away from both the longitudinal and the transverse axes of the structure. In addition, the backfill for abutments, retaining walls, wing walls, or other structures or sections thereof shall be built in layers with each layer being constructed for the full length of the unit and special precaution shall be taken to prevent any wedging action against the structure.

The material for each layer shall be uniformly compacted, preferably by approved mechanical equipment including self-powered mechanical tampers, to not less than the density required in the adjacent embankment. The work shall be conducted so as to form a berm of compacted soil of sufficient width on each side of the structure such that the berms at the top of the structure shall be at least six feet in width. The slopes of the backfill shall not be steeper than 3:1 at any point. Unless otherwise specified, backfilling shall continue to the level of the original ground, to an elevation at least one foot above the top of the structure, or to the top of the graded section, as applicable.

The Contractor shall repair, restore with new work, or make good without extra compensation all damage done to the structure as a result of the backfilling operations.

S-203.09.4--Compaction of Embankments. All embankment material shall be at the moisture content determined to be proper for the particular material being placed so that the resulting work will be both dense and stable.

It shall be the Contractor's responsibility to maintain the proper moisture content during compaction operations, and the Engineer may require moistening or drying as necessary, without additional compensation to the Contractor.

The material shall be compacted until the required density, determined in accordance with S-700.03 and S-700.04 has been attained and the embankment is stable.

Acceptance of compaction will be on a lot basis.

For basement and design soils, the required density shall be 95.0 percent and 98.0 percent, respectively. If a density test fails within minus two percent (-2.0%), 93.0 to 95.0% or 96.0 to 98.0%, of the required density, a verification test will be performed and the average of the two tests will be the test value for the lot. If this test value does not meet the required density (95.0 or 98.0%), the lot shall be rejected. If the original test value exceeds minus two percent (-2%) of the required density, no verification test will be performed and the lot shall be rejected.

Acceptance of compaction for structural backfill will be considered a separate frame of work. The backfill at each structure up to a depth of five feet will be considered a lot. For long structures, the Engineer may specify that the backfill be divided into smaller lots. Each lot will be divided into four approximately equal sublots with two density tests taken at random on each side of the structure. The single test and the lot average shall conform to the required densities set forth above for basement soils or design soils as applicable.

The Contractor shall make allowance for shrinkage and compaction in the construction of embankment.

S-203.09.5--Tolerances. The allowable vertical tolerance at subgrade elevation shall be plus or minus one-tenth foot in elevation.

The allowable horizontal tolerance at subgrade elevation will be five-tenths of a foot. The allowable tolerance from staked slopes on fills will be plus or minus five-tenths foot horizontally for each 10 feet of fill height except where surplus excavation is required or permitted by the Engineer to be used for uniformly widening embankments or flattening slopes. In these cases tolerances will be modified accordingly.

S-203.10--Settlement by Blasting.

S-203.11--Maintenance of Earthwork. The Contractor shall satisfactorily maintain all portions of the work until the completion and acceptance of the contract. The Contractor shall replace, restore, or reconstruct without extra compensation all portions, including materials, determined by the Engineer to have been displaced or damaged due to carelessness or negligence on the Contractor's part. Carelessness or negligence may include but not be limited to inadequate drainage; failure to remove forms or obstructions; failure to properly prosecute and complete work within the time specified in the contract; neglecting to establish erosion control items; failing to provide continuous maintenance as required; or other avoidable causes for displacement or damages.

S-205 – Subgrade Preparation

S-205.01--Description. The subgrade is designated as that part of the roadbed or foundation structure consisting of the design soils upon which the base structure (or building/paving) is to be placed and its finished construction shall conform to the provisions herein and such special preparation as may be required. The subgrade preparation shall consist of the construction and compaction of the subgrade in accordance with these specifications.

S-205.02--Subgrade Preparation. The subgrade shall be constructed as indicated above in accordance with S-700.04.3 and with the lines, grades and typical section for the particular type of structure, as shown on the plans or established by the Engineer. No structure shall be placed on the subgrade until same has been checked and approved by the Engineer.

The subgrade material shall be moistened or dried to the optimum moisture content as determined by AASHTO T-99, Method C, as modified by Mississippi Test MT-8.

The specified value (SV) for subgrade density shall be ninety-eight (98) percent. A unit of deviation will be one percentage point. Field density determinations will be made in accordance with AASHTO T-191, as modified by Mississippi Test MT-10 or MT-16.

All soft and yielding or other unsuitable material which will not compact readily shall be removed and disposed of as directed.

All loose rock or boulders found in the subgrade shall be removed.

The volume of such unsuitable materials described above shall be replaced with approved material and the entire subgrade brought to lines, grades and uniform compaction.

S-205.03--Protection of Subgrade. After the subgrade has been prepared, as specified above, it shall be maintained in a smooth and compacted condition free from ruts and depressions and shall be adequately drained. In handling of materials and the operation of tools and equipment, the Contractor shall protect the subgrade from damage. If damage occurs, the subgrade shall be reshaped, recompacted and maintained reasonably close to line and grade until the structure is placed.

S-206 – Structure Excavation for Culverts, Boxes, and Minor Structures

S-206.01--Description. This work shall consist of the removal of all material necessary for the construction of foundations for box culverts, box bridges, pipe culverts and headwalls, and other minor structures when authorized by the section covering their construction. It shall also cover all necessary pumping, bailing, drainage, cribbing, or sheeting; other foundation work; and the backfilling and proper disposal of all excavated material as directed. Unless otherwise specified, excavation for pipe used as sidedrains, underdrains, manholes, inlets and catch basins will not be included in this item.

S-206.02--Construction Methods.

S-206.02.1--Excavation. No excavation shall be made until the Engineer has staked out the work. The Contractor shall exercise care to ensure that the adjacent natural ground is not unnecessarily disturbed or the foundation loosened below the bottom of the footing unless additional excavation is required.

When the plans indicate or the Engineer directs removal of material classified in the contract as muck excavation or special excavation under and adjacent to the location of the structure, the undercut shall be made and the area backfilled and compacted to the required density for approximately one foot above the flow line of the structure before structure excavation is performed.

Foundation areas shall be excavated to the footing elevations and dimensions shown on the plans or as established. The right is reserved to make adjustments in the location or flow line and to make changes in the dimensions of the footings that may be necessary to obtain a satisfactory foundation or to provide adequate drainage.

In addition to the requirements of this subsection, excavation for pipe culverts will be performed in accordance with S-603.03 and S-603.04.

Material encountered which is unsuitable for a stable foundation shall be excavated and backfilled as provided in S-203.03.

S-206.02.2--Backfill. When the plans indicate or the Engineer orders removal of unsuitable material or other undercut below the normal grade line to provide a satisfactory foundation and further orders a specified depth of select material that may not be available from within the right-of-way or easement areas, the Contractor shall furnish a suitable backfill material such as sand, gravel, or other similar granular materials.

S-208 – Linear Grading

S-208.01--Description. This work shall consist of grading sections of roadway where, in general, the elevation of the existing ground surface or roadbed is practically parallel with the proposed grade line and the bulk of such excavation made will make the necessary embankment construction and can be moved by motor patrols, bulldozers or other similar equipment to its final position on the adjacent roadway.

CONSTRUCTION REQUIREMENTS S-208.02--Construction Details.**S-208.02.1--Types of Linear Grading.**

S-208.02.1.1--Light Linear Grading. Light linear grading shall consist of pulling ditches, shaping foreslopes and machining the roadbed on a previously constructed road where only a small amount of machining is required to produce a finished section. Unless specifically shown on the plans machining of backslopes will not be required.

S-208.02.1.2--Heavy Linear Grading. Heavy linear grading shall consist of grading of such character that, in general, the excavation from backslopes, ditches and roadbed will be sufficient to construct the roadbed to the required lines, grades and cross-section.

S-208.02.1.3--Linear Grading Special. Linear grading special shall consist of mowing when necessary and grading ditches at locations noted on the plans. The material, from the grading operation, will be used to dress shoulders and foreslopes. It will not be necessary to dress back slopes unless noted on plans.

S-208.02.2--General Requirements. Clearing and grubbing, when required, shall be done only within the grading construction limits plus the addition of any necessary clearing for sight distance.

After the completion of the clearing and grubbing, removal of heavy sod and vegetable matter, the construction shall proceed. Such loosening as is necessary shall be done by plowing or scarifying preparatory to moving the excavation.

The finished section, constructed as shown on the typical section, shall be maintained and preserved by machining. The ditches shall be reasonably close to line and grade and completely drained.

Compaction will be accomplished as specified in S-203.09.4.

S-208.02.3--Disposal of Material. Where linear grading is performed and the yield from pulling ditches, shaping backslopes or roadbed is in excess of the material necessary for the construction of the adjacent embankment and cannot be economically moved into its final position with a motor patrol or bulldozer or if necessary to obtain embankment material from other sources to complete the incidental grading corrections, such materials shall be classed as Unclassified Excavation (FM) and shall be hauled to their designated final position, or disposal made as ordered by the Engineer.

S-210 Roadside Development – General Provisions

Where the term "plant establishment" is used, it shall be understood to mean the work and time necessary to provide fully established, healthy vegetation.

Where the term "dormant" is used, it shall be understood to mean the temporary inactive stage of a living plant or seed. When the term "dormant season" is used, it shall be understood to mean a period of time during the year when germination and growth is not expected.

Areas on which planting, plant establishment, and maintenance have been performed in accordance with the requirements of the contract, the requirements for growth and coverage for each kind of plant which is in its dormant season may be waived provided at least one of the kind of the plantings which is not in its dormant season shows satisfactory growth and coverage.

When contract time has expired and all work under the contract has been completed except for the specified growth and coverage of vegetative items, liquidated damages will not be charged provided the Engineer's diary documents that all the following conditions have been met:

1. The Contractor has performed all plant establishment work that soil and weather conditions would permit;
2. The Contractor has complied with all instructions of the Engineer with regard to maintenance of the work and plant establishment, including but not limited to watering, replanting, mowing, and other work specified for plant establishment; and
3. The entire work is deemed to be in a satisfactory state of maintenance, or every reasonable effort is being made to provide satisfactory maintenance.

S-211 -- Topsoiling

S-211.01--Description. This work shall consist of furnishing if specified, excavating, stockpiling if necessary, transporting, spreading, compacting, and finishing topsoil as specified or directed.

MATERIALS

S-211.02--Material Requirements. Topsoil may be salvaged from within the construction limits. The topsoil shall be removed only from areas and to depths designated by the Engineer.

S-211.02.1--Materials Specified to be Obtained from within the Project Limits. Areas from which topsoil is to be obtained shall be mowed and cleared of foreign materials to the satisfaction of the Engineer.

The approved area shall be excavated neither deeper than the limits of good topsoil nor than necessary to produce sufficient volume to cover the designated areas.

If strata or seams of unsuitable material are encountered during the excavation of topsoil, the material shall be removed from the topsoil. If considered necessary, the area shall be abandoned and satisfactory material produced from other sources.

Topsoil shall either be transported and stockpiled on well drained areas approved by the Engineer, or transported, deposited, and processed directly on designated areas which have been finished, prepared, and approved to receive the topsoil. The Contractor shall spread or dispose of, as directed, all surplus material left in stockpiles without additional cost to the project.

S-211.02.2--Materials to be obtained from Sources Outside the Project Limits. Before mining the material, approved areas shall be mowed and raked and cleared of foreign materials to the satisfaction of the Engineer.

It is intended that approved mining operations shall include the mixing or blending of materials that will insure a homogeneous mixture complying with the requirements of the contract.

The Engineer may, at his discretion, sample the material at any point prior to spreading on the project. This sampling and testing will be for the purpose of determining whether or not corrective measures should be taken.

Material produced and approved as provided herein, will be accepted as meeting all requirements at the point of final loading for delivery and incorporation into the work.

Approved topsoil, mined as prescribed, shall be transported and deposited and processed directly into its final position on designated areas which have been finished, prepared, and approved unless temporary stockpiling is required or permitted by the Engineer. In case stockpiling is required or permitted, the Contractor shall spread or dispose of, as directed, surplus material left in the stockpile without additional cost to the project.

CONSTRUCTION REQUIREMENTS S-211.03--Construction Requirements.

S-211.03.1--Conditioning of Areas to be Plated. The conditioning of areas to be plated will depend on the type of existing soil on cut slopes or fill slopes. Conditioning shall be performed so as to secure a bond between the existing soil and the topsoil. Unless otherwise directed, the area to be plated shall be shaped and dressed to the required line, grade, and typical section; disk-harrowed to a depth of at least two inches; and be reasonably free of large clods and stones (exceeding three inches in diameter) and other foreign materials before topsoil is deposited.

On non-tillable slopes, the areas shall be shaped and dressed to the required section, and the Contractor shall cut trenches or furrows approximately six inches deep and approximately 24 to 36 inches apart, as directed by the Engineer dependent upon the steepness of the slope, and on approximate contours. Surplus material from trenching shall be uniformly spread over the area to be plated or otherwise disposed of in a satisfactory manner. In no case shall topsoil be placed on slopes until conditioning of the areas has been approved.

S-211.03.2--Application. It is intended that the application of topsoil, the application and incorporation of fertilizer, and other erosion control work will constitute continuous construction, and the Contractor shall so organize his overall operation accordingly. When the Engineer has determined that the Contractor has made suitable arrangements to carry out these operations as indicated, topsoil shall be deposited on approved areas and spread to the required depth and section. When the required depth of plating material exceeds eight inches, it shall be placed in two or more approximately equal layers of no more than eight inches each.

Objectionable foreign material, large clods that cannot be broken down, and oversize stones shall be removed and the area dressed to present a uniform appearance.

S-211.03.3--Compaction. After spreading and shaping of the topsoil, compaction shall be performed to the degree that will provide a firm layer having a density of at least what might be expected from one complete coverage of a crawler type tractor track while the material is at a satisfactory moisture content.

S-211.03.4--Compacted Depth of Topsoil. Topsoil shall be deposited and spread in sufficient quantity so that when compacted it will have the depth specified in the contract.

Determination of depth will be made at random and recorded following compaction of each plated area (lot) of approximately 20,000 square feet and more often if determined by the Engineer to be necessary to control the specified depth. The depth of each lot checked will be the average of at least two and not more than four measurements taken within a square yard area. Except as provided in the following two paragraphs, the average depth of each lot shall not vary from the specified depth by more than one inch or twenty-five (25) percent of the specified depth, whichever is larger. The average depth of the entire area topsoiled (the average of the depths of individual lots) shall not vary from the specified depth by more than one inch.

Topsoil measured and paid for on a cubic yard basis may exceed the stated plus tolerances, provided the finished surface is uniform, does not obstruct drainage, and otherwise meets the approval of the Engineer.

Topsoil specified to be measured and paid for on a square yard basis may exceed the stated plus tolerance and remain in place provided the finished surface is uniform, does not obstruct drainage, and otherwise meets the approval of the Engineer. No additional payment will be made for the excessive material placed. The removal of excessive topsoil shall be at the election of the Contractor and at his expense.

S-211.04--Maintenance. The Contractor shall, at his expense, preserve, protect, replace, and do other work necessary to maintain the topsoil in a satisfactory and acceptable condition from the time of placing until final acceptance.

S-212 – Ground Preparation and Fertilizer

S-212.01--Description. This work shall consist of plowing, loosening and pulverizing the soil in the area to be seeded to form suitable beds to receive erosion control items as set out hereunder. Areas prepared and finished under these specifications shall be in reasonably close conformity with established lines, grades and without appreciable humps or depressions. This item shall also consist of furnishing, spreading and incorporating fertilizers of the type (s) and the amount designated on the plans.

MATERIALS

S-212.02--Fertilizers. Amounts and types of fertilizers will be as indicated on the plans and in the proposal, or as directed by the Engineer. All fertilizers shall comply with the State Fertilizer Laws in effect on the date of the letting and, unless otherwise stipulated, with the requirements set out in the following Subsections:

Agricultural Limestone..... S-715.02
Manufactured Fertilizers..... S-715.02

All fertilizers shall be transported in containers which will ensure proper protection and handling. Fertilizers allowed to collect moisture or get wet causing the material to become hard or lumpy, will be rejected.

CONSTRUCTION REQUIREMENTS

S-212.03--Equipment. All equipment necessary for soil preparation and for properly handling, storing, spreading and incorporating the fertilizers into the prepared soil shall be provided.

S-212.04--Ground Preparation. Ground preparation shall consist of plowing and pulverizing the soil within the area to be planted or seeded. Unless otherwise stipulated, the soil shall be prepared to a depth of not less than four inches. The soil area shall be thoroughly disked and harrowed until well pulverized to the full depth and the area shall present a smooth, uniform, loose appearance with all large clods, earth balls, boulders, stumps, large roots or other particles which will interfere with the work removed.

The Engineer may, at his discretion, authorize elimination of ground preparation areas where the soil is sufficiently loose and pulverized.

If wetting of the soil is necessary for proper ground preparation the Contractor shall supply sufficient water therefor.

Full advantage shall be taken of weather and soil conditions and no attempt shall be made to prepare the soil while it is wet or in an otherwise non-tillable condition.

In any case the soil shall be so pulverized and cultivated as to provide a suitable bed for planting or seeding operations and the area shall be true to the lines and grades as established.

S-212.05--Application of Fertilizers and Agricultural Limestone. The Contractor shall furnish all equipment necessary to properly handle, store, uniformly spread, and incorporate the specified application of fertilizer.

The type and rate of application of each fertilizer to be applied will be indicated on the plans, determined by soil tests, or directed. The amounts and types of fertilizers shall be applied uniformly on the areas to be planted or seeded and uniformly incorporated into the soil.

Fertilizers shall be applied on individual areas of not more than approximately three acres. The Engineer will

determine the actual amounts of fertilizers to be applied on each area. For agricultural limestone, a tolerance of fifteen (15) percent will be permitted without correction. For all other types of fertilizer, a tolerance of ten (10) percent will be permitted without correction. Areas deficient in application by more than these tolerances shall be corrected by reapplication in a manner approved by the Engineer. For areas on which fertilizer has been placed in excess of the tolerance permitted the amounts in excess of the tolerances will be deducted from the measured quantities.

All fertilizer shall be incorporated within twenty-four (24) hours following spreading unless otherwise directed. Incorporation of fertilizer into soils other than topsoil shall include standard ground preparation in accordance with S-212.04. When topsoil is used, the fertilizer shall be incorporated into the top three inches.

Unless otherwise specified, when fertilizer is to be applied to existing vegetation, incorporation shall be accomplished immediately after the application by mowing the vegetation to a height of approximately four inches.

S-214 -- Seeding

S-214.01--Description. This work shall consist of furnishing the specified seeds and treatment materials, treating the seeds, and planting the seeds in a prepared and approved seedbed; covering the seeds and compacting the seedbed; and providing plant establishment on designated areas. All the work shall be in accordance with the plans and these specifications.

MATERIALS

S-214.02--Material Requirements. Seeds shall meet the requirements of S-715.03, subject to the provisions of this subsection. The Contractor shall acquire seed from seedmen registered with the Mississippi Department of Agriculture and Commerce.

Except for the germination test (Reference is made to S-715.03), bags of seeds properly labeled or tagged according to law and indicating characteristics meeting or exceeding the requirements of these specifications will be acceptable for planting.

When pretested seeds are planted, a minus tolerance of five percent of the specified germination percentage will be allowed without adjustment. Seeds failing to comply by more than five percent may be planted, provided the rate of seeding is increased by one hundred (100) percent of the deficiency with the same or approved seeds, without additional compensation.

The Engineer may permit the Contractor to plant non-tested seeds, provided the seeds are properly tagged and have indicated characteristics meeting the requirements (without tolerance) of these specifications. If the seeds are planted, the Contractor shall assume full responsibility for the specified percent germination of the seeds. Acceptance or resowing will be based on the results of the subsequent growth and coverage. If the subsequent growth and coverage indicate a deficiency in excess of five percent, the deficiency shall be corrected by immediately resowing an amount of seeds equal to two hundred (200) percent of the observed deficiency with the same or approved seeds without additional compensation.

Ground preparation and fertilizing shall be in accordance with S-212. Mulching shall be in accordance with S-215.

CONSTRUCTION REQUIREMENTS

S-214.03--Construction Details. Prior to planting the seeds, topsoil, ground preparation, and fertilizing shall have been satisfactorily performed and the area approved by the Engineer.

Seeding may be required for temporary protection or for establishment of permanent ground cover.

The rates of application, kinds, and the planting dates of seeds shall be as specified herein.

Seeding mixtures for the various project conditions or degree of completion and seasonal limitations shall be as shown on the following tables:

MIXTURE NO. 1

Spring & Summer (March 1 to Aug. 31)

1. Common Bermudagrass

@ 15 pounds/acre

MIXTURE NO. 3

Fall & Winter (Sept. 1 to Nov. 15)

- | | |
|------------------------|------------------|
| 1. Common Bermudagrass | @ 15 pounds/acre |
| 2. Crimson Clover | @ 20 pounds/acre |

MIXTURE NO. 5 (State-Wide) Winter (Nov. 16 to Feb. 28)

- | | |
|---|------------------|
| 1. Rye Grain (Marshall) | @ 20 pounds/acre |
| 2. Crimson Clover (Tibbee, Dixie, Autauga, Chief) | @ 10 pounds/acre |
| 3. Bermuda (unhulled) (Common) | @ 25 pounds/acre |

USE:

- The recommended quantity of fertilizer for all of the above listed seed mixtures is as follows:

800 pounds	10-20-10	per acre
600 pounds	13-13-13	per acre
200 pounds	Ammonium Nitrate	per acre

Legume seeds shall be treated in accordance with S-715.03.4 immediately before sowing. Seeds shall be uniformly sown over the entire area with approved mechanical seeders. Seeds of different sizes may necessitate separate sowing. Should legume seeds become dry, they shall be reinoculated.

Seeding shall not be done during windy weather or when the ground is frozen, extremely wet, or in an untillable condition.

All seeds shall be covered lightly with soil by raking, rolling, or other approved methods, and the area compacted with a cultipacker.

When specified, mulching shall be performed in accordance with the requirements of S-215 as soon as practicable (no later than twenty-four (24) hours after seeding unless weather conditions are such that mulch cannot be placed).

S-214.04--Plant Establishment.

S-214.04.1--Plant Establishment and Maintenance. When an area is seeded or top seeded, with or without the addition of mulch, growth or coverage shall be considered acceptable when a satisfactory stand and growth of in season plantings have sufficiently covered the area seeded to provide ample erosion protection exclusive of any protective cover provided by the mulch. It shall be the responsibility of the Contractor that the seed planted has produced a living and growing vegetative cover at the time of acceptance.

Plant establishment and maintenance shall consist of the necessary protection of the seeded or top seeded areas and other operations of maintenance including watering, weeding, mowing, repairing, and reseeding or all areas damaged or eroded as a result of the Contractor's operations, negligence or by normal rains or storms.

Inspection for overall project acceptance will not be made until a minimum period of thirty (30) days has elapsed after the final planting of seed.

S-215 -- Mulching

S-215.01--Description. This work shall consist of furnishing, transporting, placing, and anchoring vegetative mulch on slopes, shoulders, and other areas indicated on the plans, or designated.

MATERIALS

S-215.02--Material Requirements. The vegetative materials for mulch shall meet the requirements of S-715.05.

It is intended that Type I Vegetative Materials shall be used when available. When it is determined by the Engineer that Type I Vegetative Material is not reasonably available, Type II Vegetative material will be permitted as provided in S-715.05.

Bituminous material for mulch shall be Emulsified Asphalt, Grade SS-1, meeting the requirements of S-702.07.

S-215.03--Equipment. Mulching equipment shall be capable of maintaining a constant air stream which will blow or eject controlled quantities of mulch in a uniform pattern. If asphalt is used, a jet or spray nozzle for applying uniform, controlled amounts of asphalt to the vegetative material as it is ejected shall be located at or near the discharge spout.

Mulch stabilizers shall consist of dull blades or disks without camber and approximately 20 inches in diameter. The disks shall be notched, shall be spaced at approximately 8 inches and shall be equipped with scrapers. The stabilizer weight shall be approximately 1000 - 1100 pounds, shall have a working width of no more than 8 feet, and shall be equipped with a ballast compartment so that, when directed, weight can be increased.

CONSTRUCTION REQUIREMENTS**S-215.04--Construction Details.**

S-215.04.1--Placement of Vegetative Mulch. Mulching shall be placed uniformly on designated areas within 24 hours following seeding unless weather conditions are such that mulching cannot be performed. Placement shall begin on the windward side of areas and from tops of slopes. In its final position the mulch shall be loose enough to allow air to circulate but compact enough to partially shade the ground and reduce erosion.

The baled material shall be loosened and broken thoroughly before it is fed into the machine to avoid placement of unbroken clumps.

S-215.04.2--Rates of Application and Anchoring Mulch. The rate of application of vegetative mulch should be within the limits of one (1) to three (3) tons per acre. The mulch shall be anchored by either the use of a mulch stabilizer or by tacking with bituminous material as directed by the Engineer. If bituminous material is used, the rate of application shall be 90 to 150 gallons per ton of vegetative material. If a mulch stabilizer is used, the mulch shall be punched into the soil for a minimum depth of 1 inch.

Where steep slopes or soil conditions are such that anchoring cannot be performed satisfactory with a mulch stabilizer the Engineer will require that bituminous material be applied at the time or immediately following the mulch placement. When mulch stabilizers are used, anchoring the mulch shall be performed along the contour of the ground surface. As the work progresses, the Engineer will determine the actual rate of application of the vegetative mulch and the bituminous material (if used) on each area not to exceed three acres. For vegetative

mulch, a tolerance of fifteen (15) percent will be permitted without correction. For bituminous material (if used), a tolerance of ten (10) percent will be permitted without correction. Areas deficient in application by more than these amounts shall be corrected by reapplication in a manner approved by the Engineer. In the event an excess of vegetative material has been placed in a quantity deemed by the Engineer to be undesirable, the Contractor shall remove and replace all material placed on that area at no additional cost to the project.

S-215.05--Protection and Maintenance. The Contractor shall maintain and protect mulched areas until final acceptance of the project. He shall take every precaution to prevent unnecessary foot and vehicular traffic and shall repair and restore immediately any displacement of mulch without extra compensation.

At appropriate times determined by the Engineer, the Contractor shall mow or otherwise remove or destroy all undesirable growth on all areas mulched to prevent competition with the desired plants and to prevent reseeding of undesirable growth. All mowing shall be a part of protection and maintenance.

S-226 – Solid Sodding

S-226.01--Description. This work shall consist of furnishing, transporting, and planting approved grass sod in accordance with the plans and these specifications. This work shall also include plant establishment as specified and required to assure satisfactory growth of the solid sod.

MATERIALS

S-226.02--Material Requirements. Unless otherwise specified, solid sod shall be bermuda (common), or other approved sod species and shall be live, fresh, growing grass with at least one and one-half inches of soil adhering firmly to the roots when placed. The sod shall be reasonably free from obnoxious weeds or other grasses, and shall not contain any matter deleterious to its growth, or which might affect its subsistence or hardiness when transplanted. The sod shall be in strips or blocks at least eight inches by eight inches and reasonably free from ragged edges.

All sod shall be harvested from areas where the topsoil is fertile, and the areas shall have been grazed or mowed sufficiently to form a dense turf. After approval, the area from which the solid sod is to be harvested shall be closely mowed and raked, if deemed necessary, to remove excessive top growth and debris.

When specified, the solid sod material shall be the kind specified, nursery grown, healthy, free from damage, and free from obnoxious weeds and grasses. The nursery grown sod shall be in blocks at least eight inches by eight inches by one inch and reasonably free of ragged edges.

All solid sod materials shall be approved by the Engineer prior to transplanting. Fertilizer used in the construction shall be in accordance with S-212.

CONSTRUCTION REQUIREMENTS S-226.03--Construction Details.

S-226.03.1--Procuring and Handling Sod. Approved sod cutters shall be used for cutting the sod into strips or blocks. Care shall be exercised at all times to retain the native soil on the roots of the sod during the process of excavating, hauling, and planting.

The sod shall be transplanted within twenty-four (24) hours after arriving on the project, unless it is stacked in a manner satisfactory to the Engineer. All sod in stacks shall be kept moist and protected from exposure to the wind and sun and from freezing. In no event shall more than three days elapse between the cutting and planting of the sod.

S-226.03.2--Grading of the Area to Receive Solid Sodding. Prior to ground preparation for solid sodding, all excavating, shaping, and dressing shall have been completed in such a manner that the foundation for the sod has the proper cross section, line, and grade and so that the sod after placement will be flush with or slightly below the adjacent final ground line.

S-226.03.3--Ground Preparation and Fertilizing. After the area has been graded as required, the specified types and quantities of fertilizers shall be uniformly spread and then incorporated by standard ground preparation in accordance with S-212. The prepared area shall be at an approved moisture content and shall present a smooth, uniform surface with reasonably close conformity to the specified line, grade, and cross section. After approval by the Engineer of the prepared and fertilized area, sodding shall follow immediately.

S-226.03.4--Planting Sod. The sod shall be placed on the prepared surface with edges in close contact and starting at the lowest point and working upward. Cracks between blocks of sod shall be filled with small pieces of fresh sod, and all cracks too small for sod shall be filled by a light dressing of approved soil. The entire sodded area shall then be compacted and watered to the satisfaction of the Engineer. Light rollers, hand tamps, or other approved equipment shall be used for compacting.

On areas which the Engineer deems that the sodding might slide due to the height and slope of the surface or nature of the soil, the sod shall be "pegged" with wooden pegs driven through the sod blocks into firm earth. Pegs shall be at intervals deemed suitable to hold the sod in place.

S-226.03.5--Limitations. Solid sodding shall be performed only when weather and soil conditions are deemed by the Engineer to be suitable for proper placement.

S-226.04--Plant Establishment. Plant establishment shall consist of preserving, protecting, replacing, watering, mowing, and other work necessary to keep the sod in a satisfactory condition at all times until final acceptance.

A satisfactory growth of solid sodding shall be understood to mean a healthy, living, and growing grass turf which has been planted on an approved prepared foundation and has been maintained in accordance with the requirements of these specifications.

S-227 – Excelsior Blanket

S-227.01--Description. This work shall consist of furnishing, placing, and maintaining excelsior blanket on seeded, or other designated areas in accordance with the requirements shown on the plans and these specifications.

MATERIALS

S-227.02--Material Requirements. The excelsior blanket shall meet the requirements of S-715.09.2.

CONSTRUCTION REQUIREMENTS

S-227.03--Construction Details. The area to be covered shall be prepared, fertilized, and vegetated before the blankets are placed. Immediately following the planting operations, the blankets shall be laid evenly, smoothly, and in contact with the soil throughout and with the fabric net on top of the blankets. Asphalt-coated mulch should be omitted from all areas receiving the excelsior blanket.

In ditches, the blankets shall be unrolled in the direction of water flow. When two or more strips are required to cover a ditch area, they shall overlap a minimum of four inches with the upgrade width on top. In case a strip is spliced lengthwise, the edges of the strips shall overlap a minimum of six inches with the upgrade section on top.

When used on slopes, the blankets may be placed either horizontally or vertically on the slope with the edges and ends of adjacent strips butted tightly against each other.

Each strip shall be stapled in three rows (each edge and center with the center row alternately spaced) with staples spaced not more than four feet longitudinally. When using two or more strips side by side on slopes, a common row of staples shall be used on the adjoining strips to secure the outside netting strand of each strip. Ends of strips shall be stapled at one foot intervals. Staples shall be firmly embedded in the underlying soil.

S-227.04--Protection and Maintenance. The Contractor shall maintain and protect the excelsior blankets until final acceptance or until the Engineer has determined that the blanket has served its useful life, whichever occurs first. Maintenance shall consist of repairs necessitated by erosion, wind, fire, or other cause.

S-231 – Erosion Control Fabric

S-231.01--Description. This work shall consist of furnishing, placing, and maintaining erosion control fabric on seeded or other designated areas in accordance with the requirements of the plans and these specifications.

MATERIALS

S-231.02--Materials. The erosion control fabric shall consist of a flexible knitted construction of high strength degradable yarn with uniform openings interwoven with strips of biodegradable paper and meeting the following requirements:

Width - 48 inch minimum

Weight - 0.2 pounds per square yard (approximate)

Staples for securing the fabric in place shall be "U" shaped, made from eleven (11) gage or heavier steel wire, have a width one to two inches at the throat, and be a minimum of six inches from top to bottom after bending.

For erosion control fabric, the Contractor shall forward to the Engineer three copies of the manufacturer's certification for each shipment of the fabric stating the number of rolls furnished, and that the material complies with the requirements of the specifications.

For staples, the Contractor shall forward to the Engineer three copies of the manufacturer's or distributor's certification showing the wire size for each shipment of staples.

The certifications by the manufacturer or distributor will be prima facie evidence of the materials meeting the above requirements. All erosion control fabric and staples will, however, be subject to approval by the Engineer.

CONSTRUCTION REQUIREMENTS

S-231.03--Construction Requirements. The areas to be covered shall be prepared, fertilized, and vegetated as specified before the fabric is installed. The mulch material shall be omitted from areas receiving the fabric. Immediately following the planting operation, the fabric shall be installed by unrolling it in the direction of water flow and draping it loosely, without folds or stretching, so that continuous ground contact is maintained. The ends of the fabric at the beginning and end of each area to be covered shall be folded and placed in an anchor trench at least four inches deep, and stapled in the trench on approximately twelve (12) inch centers, backfilled, and tamped.

When two or more strips are required to cover an area, they shall overlap a minimum of four inches. In case a strip is to be spliced lengthwise, the edges of the strips shall overlap a minimum of six inches with the upgrade section on top. Each strip shall be stapled in three rows (each edge and center with center row alternately spaced) with staples spaced not more than four feet longitudinally. The ends of all strips spliced lengthwise shall be stapled at one foot intervals across the entire width of the fabric.

Where heavy concentrations of water or extremely erodible soil conditions exist, erosion checks shall be installed at 50 foot intervals as directed by the Engineer. Erosion checks shall be a row of staples 12 inches on center across the width of the fabric perpendicular to the flow line.

All staples shall be firmly embedded in the underlying soil.

S-231.04--Protection and Maintenance. The Contractor shall maintain and protect the erosion control fabric until final acceptance or until the Engineer has determined that the fabric has served its useful life, whichever occurs first. Maintenance shall consist of repairs made necessary by erosion, wind, fire or any other cause.

S-232 – Geotextile Fabric Stabilization

S-232.01--Description. This work consists of furnishing and installing geotextile fabric for stabilization of embankments and subgrades as shown in the plans and in conformance with these specifications.

S-232.02--Material. The fabric and incidental materials for this work shall meet the requirements of S-714.13.

S-232.03--Construction Details. A subgrade which is to receive geotextile fabric shall be shaped and compacted to a smooth finish and free of loose material and sharp objects. An embankment site shall be cleared and graded to establish a relatively smooth surface. Trees and stumps are to be cut off at ground line and sawdust or sand placed over these areas to provide a cushion for the fabric.

The fabric shall be placed as smooth as possible and free from tension, stress, folds, wrinkles or creases.

Where more than one layer of fabric is required, all joints of the bottom layer shall be sewn to develop the required fabric strength perpendicular to the joint. The top layer and single layer installations of fabric may be overlapped a minimum of two feet at each joint or sewn.

Fabrics which weigh less than eight ounces per square yard shall be factory or field sewn with a "J" type seam. Heavier weight fabrics shall be factory sewn with two parallel bag type seams approximately one-fourth inch apart or field sewn with an additional seam zigzagged across the two parallel seams.

Securing pins with washers shall be inserted along a line through the midpoint of any overlap or sewn seam at intervals required by the Engineer to prevent movement of the fabric until covered.

The subsequent course of material shall be back-dumped in such a manner as to avoid damage to the underlying fabric. No equipment will be allowed to operate over the fabric until it is covered with a layer of material of sufficient thickness to protect the fabric installation. When the underlying soil is very unstable, the two outer one-third portions of an embankment layer shall be placed approximately 25 feet in advance of the center one-third portion to prevent excessive mudwave movements and damage to the fabric installation.

The Contractor shall provide equipment necessary for placing the fabric.

S-233 – Temporary Silt Fence

S-233.01--Description. This work shall consist of furnishing, constructing, maintaining, and removing a water permeable filter type of fence for the purpose of removing suspended soil particles from the water passing through it in accordance with the requirements shown on the plans and these specifications.

The quantity of temporary silt fence to be installed will be affected by the actual conditions which occur during the construction of the project.

The quantities for temporary silt fences, when shown in the contract, are estimated for bidding purposes only, and these quantities may be varied dependent upon actual needs for the specific purpose designated.

MATERIALS

S-233.02--Material Requirements. The fabric and incidental materials for this work shall meet the requirements of S-714.13.

S-233.02.1--Posts. Steel posts shall have projections for fastening the wire to the fence.

S-233.02.2--Filter Fabric. The filter fabric shall be composed of strong rot-proof synthetic fibers formed into a fabric of either the woven or unwoven type. Either type of fabric shall be free of any treatment or coating which might significantly alter its physical properties after installation. The fabric shall contain stabilizers and/or inhibitors to make the filaments resistant to deterioration resulting from exposure to sunlight or heat. The fabric shall be a pervious sheet of synthetic fibers oriented into a stable network so that the fibers retain their relative position with respect to each other.

The edges of the fabric shall be finished to prevent the outer yarn from pulling away from the fabric. The fabric shall be free of defects or flaws which significantly affect its physical and/or filtering properties. Sheets of fabric may be sewn or bonded together. No deviation from any physical requirements will be permitted due to the presence of the seam.

During all periods of shipment and storage, the fabric shall be wrapped in a heavy duty protective covering which will protect the cloth from sunlight, mud, dust, dirt and debris. The fabric shall not be exposed to temperatures greater than 140°F.

S-233.02.3--Identification. Each roll of fabric or container shall be visibly labeled with the name of the manufacturer, type of fabric or trade name, lot number and quantity of material.

S-233.02.4--Certification. The Contractor shall furnish to the Engineer three copies of the Manufacturer's certified test report(s) showing results of all required tests and certification that the material meets the specifications. Also forward three copies of the manufacturer's or distributor's certification showing the wire size for each shipment of staples.

CONSTRUCTION REQUIREMENTS

S-233.03--General. Silt fences shall be constructed at the locations shown on the plans or as directed by the Engineer.

All posts shall be installed so that no more than three feet of the post protrude above the ground. Extra post for bracing shall be installed as directed by the Engineer. The wire shall be fastened to the posts with wire or other

approved means. The fabric shall be attached to the wire fence with wire or other approved means. The bottom edge of the fabric shall be buried 6 inches below ground surface to prevent undermining. When splicing of the fabric is necessary, two posts shall be installed approximately 18 inches apart and each piece of fabric shall be fastened to both posts.

At the time of or during installation, the fabric will be rejected if it has defects, rips, holes, flaws, deterioration or damage incurred during manufacturing, transporting, storage or installation.

S-233.04--Maintenance and Removal. The Contractor shall maintain the silt fence and shall remove and replace when deteriorated to such extent that it is no longer effective. The Contractor shall remove accumulated siltation when sediment reaches one half the fence height.

Unless otherwise specified, all silt fences shall be removed. Upon removal, the Contractor shall remove and dispose of excess silt accumulations, dress the area to give a pleasing appearance and vegetate all bare areas in accordance with contract requirements. The fence materials will remain the property of the Contractor and may be used at other locations provided the materials are acceptable to the Engineer.

S-235 – Temporary Erosion Checks

S-235.01--Description. This work consists of furnishing, constructing and maintaining baled hay or straw erosion checks for the retention of soil along the toe of fill slopes, around inlets, swale areas, small ditches, sediment basins and other areas as directed by the Engineer in accordance with the requirements shown on the plans and these specifications. Also, the work includes removing and disposing of the erosion checks and silt accumulations as directed by the Engineer.

S-235.02--Materials. Approved baled hay or straw material (Type I or II) shall be rectangular in shape with a minimum length of 32 inches and shall meet the requirements of S- 715.05. The wooden stakes used in securing the baled material in place shall be approximately 2" x 2" x 34" meeting the approval of the Engineer.

S-235.03--Construction Requirements.

S-235.03.1--General. The erosion checks shall be constructed at the locations and according to the requirements shown on the plans or as directed by the Engineer. Erosion checks required along the toe of fill slopes shall be constructed prior to grading operations at the site. For other locations, the erosion checks shall be constructed when directed by the Engineer.

The soil shall be excavated at least three inches in depth to embed the baled material. After securing in place, a sufficient quantity of the excavated material shall be placed around the erosion check and compacted to prevent undermining.

S-235.03.2--Maintenance and Removal. The Contractor shall maintain the erosion checks and remove and dispose of silt accumulations that reach 1/2 the bale height or as directed by the Engineer. When the erosion checks are no longer needed, they shall be removed; and the Contractor shall dispose of silt accumulations and treat the disturbed areas in accordance with the contract requirements.

Section S-907-237 -- Wattles

907-237.01 --Description. This work consists of furnishing, constructing and maintaining wattles for the retention of soil around inlets, swale areas, small ditches, sediment basins and other areas as necessary. Also, the work includes removing and disposing of the wattles and silt accumulations.

Measurement and payment for wattles will be made only when a pay item is included in the bid schedule of the proposal. The quantity is estimated for bidding purposes only and will be dependent upon actual conditions which occur during construction of the project.

907-237.02--Materials. Wattles used around inlets shall have a minimum diameter of twelve inches (12") and a length adequate to meet field conditions. Wattles used at other locations shall have a minimum diameter of twenty inches (20") and a length adequate to meet field conditions. The stakes used in securing the wattles in place shall be placed approximately three feet (3') apart throughout the length of the wattle. Stakes shall be wooden and of adequate size to stabilize the wattles to the satisfaction of the Engineer.

In addition to the requirements of these specifications, wattles shall be listed on the Department's "Approved Sources of Materials".

907-237.03--Construction Requirements.

907-237.03.1--General. The wattles shall be constructed at the locations and according to the requirements shown on the erosion control plan.

907-237.03.2--Maintenance and Removal. The Contractor shall maintain the wattles and remove and dispose of silt accumulations.

When the wattles are no longer needed, they shall be removed and the Contractor shall dispose of silt accumulations and treat the disturbed areas in accordance with the contract requirements.

S-304 – Granular Courses

S-304.01--Description. This work shall consist of furnishing granular materials and the construction of one or more courses of subbase, base, shoulders, or other required construction on a prepared foundation in reasonably close conformity with the lines, grades, and cross sections shown on the plans or established by the Engineer.

MATERIALS

S-304.02--Material Requirements. Unless otherwise specified, materials used on this work shall conform to the requirements of S-703.07.

General conditions governing the use of materials shall be as set out under S-106.

CONSTRUCTION REQUIREMENTS

S-304.03--Equipment. When measurement for payment is to be made by the ton, the Contractor shall use approved platform scales capable of weighing the entire loaded vehicle. Scales and their use shall be in accordance with the requirements set out in S-401.03.2.1.11, except they shall be installed at an approved location on or near the project.

Rollers shall be of sufficient number, type, size, and weight to accomplish the required compaction.

Watering equipment shall be pressurized, have spray bars with suitable nozzle openings, and have controls for applying varying quantities of water.

S-304.04--Production of Materials.

S-304.04.1--General. If payment is to be made from cross section (FM) measurements, the Contractor shall not begin excavation in a pit until after the Engineer has taken the necessary cross sections. The Contractor shall be fully responsible for all material in the pit and shall protect the material from use or disposal for any reason other than for work included in the contract. He shall make good to the satisfaction of the Board of Supervisors and State Aid Engineer for all loss or unauthorized use of material.

Prior to beginning mining operations, all necessary clearing and grubbing and stripping of the pit area shall have been performed to the satisfaction of the Engineer.

S-304.04.2--Mining and Mixing. Mining and mixing shall be carried out so that all material meets the specified requirements for gradation, liquid limit, and plasticity index.

Mining and mixing shall be begun by opening the deposit in a manner that will immediately expose the full face of the material. Except as otherwise permitted herein, mining and mixing shall ordinarily consist of a combination of excavating and mixing the material in such a manner that the material meets the specified requirements.

All pit operations shall be confined to daylight hours, except when otherwise permitted.

Inspection of material as mined, mixed, and loaded from the pit will be made, and all obviously unsatisfactory material will be rejected. However, inspection or permission by the Engineer to produce material from any portion of a deposit will not relieve the Contractor of his responsibility to produce a satisfactory blend of material meeting the specified requirements.

When the Contractor elects, with the authorization of the Engineer, to combine two or more materials or to process a single material to provide that specified, all combining or processing shall be performed at the Contractor's expense. The sampling and testing and the cost thereof to control the necessary proportioning and processing will be the responsibility of the Contractor.

S-304.05--Preparation of Grade. The foundation on which granular material is to be placed shall be prepared as set out in S-205. A section of prepared roadbed of sufficient length to allow time for inspection, test, necessary corrections, and approval shall be maintained at all times ahead of placing material.

S-304.06--Placing of Materials. The Contractor shall be responsible for furnishing a material that meets the requirements of the contract and in such quantity to produce the specified compacted thicknesses. All material placed in excess of the tolerances allowed (See S-304.08.1) shall be removed and placed at other approved locations, or removed and hauled off the project without compensation.

If the compacted thickness of a course is to be more than eight inches, the course shall be constructed in two or more layers of approximately equal thickness, and the compacted thickness of a single layer shall not exceed eight inches.

No granular materials shall be placed while frozen or placed on frozen materials.

When the Engineer determines that in-place material, including the top portion of the design soil, is wet to the degree that there is a possibility of rutting, deforming, or displacing the underlying material, the hauling operation shall be suspended.

The Contractor shall produce such material as is necessary to correct any deficiencies in gradation, liquid limit and plasticity index and shall reprocess as necessary to make such corrections or shall remove and replace, without additional compensation, any deficient material placed in the work. In all cases of correcting deficiencies on the roadbed, the Contractor shall be fully responsible for any damage to the underlying course(s) and other work.

S-304.07--Blending. As soon as practicable after the material has been initially shaped, the entire volume of material for the course or layer being placed shall be processed and blended by blading in such a manner and as many times as necessary to produce a course visually uniform in gradation, color, liquid limit, and plastic limit. Care shall be exercised during the blending process to prevent contamination with underlying material. The Contractor shall be fully responsible for damage to or contamination with underlying or other unlike material and shall make the corrections deemed necessary without additional compensation. The requirement for blending will not be waived by the Engineer, and required mixing or further processing under subsequent items of work will not relieve the Contractor from the complete performance of blending as specified in this subsection, except for shoulders as follows:

When granular material is required to be placed adjacent to pavement in place, blending in place will not be required. Blending shall be performed to the satisfaction of the Engineer prior to placement of the material on shoulders.

S-304.08--Shaping, Compacting, and Finishing. Each course or layer of material shall be shaped to the required section, watered or aerated as necessary to produce the required moisture content, and compacted. Throughout the compaction operation, the shape of the course or layer shall be maintained by blading and rolling so that the aggregates are uniformly distributed and firmly keyed.

Shaping and compaction shall be carried out in a manner that will prevent lamination and shall continue until the entire depth and width of the course or layer has reached the required density. Surface compaction and finishing shall be performed so as to produce a smooth, closely knit surface that is free from lamination, cracks, ridges or loose material. The finished surface shall conform (within allowable tolerances) to the required section and established lines and grades.

Prior to subsequent construction or final acceptance all irregularities, depressions, soft spots, and other deficiencies found by the Engineer shall be corrected to meet the requirements of these specifications without additional compensation.

If the mixture contains plus No. 4 aggregate and the course is to serve as a base for bituminous pavement, after compaction and finishing at least one complete coverage shall be made with a steel wheel tandem roller. The resulting surface shall be sprinkled as necessary to maintain the required moisture content and shall be thoroughly compacted and sealed with a pneumatic roller.

Crushed stone shall be placed in layers not to exceed four (4) inches compacted depth and shall conform to the density requirements stated.

In addition to the requirements for density and correction of deficiencies, the Contractor shall be responsible for constructing and maintaining a course which will remain firm and stable under construction equipment and other traffic to which the course will be subjected.

Density tests will be performed in accordance with the methods as provided in S-700.03 and S-700.04.

Determination of acceptance of compaction of granular courses for required density will be performed on a lot to lot basis. Each lot will be each 2,500 linear feet per layer placed. At the discretion of the Engineer, a residual portion of a lot completed during a day's operation may be considered as a separate lot or may be included in the previous or the subsequent lot, except that any day's operation of less than one full lot will be considered a lot.

The lot will be divided into five approximately equal sublots with one density test taken at random in each sublot. The individual tests and the average of the five tests shall equal or exceed the values as shown in the table below.

Granular Material (Class)	Lot Average	Individual Test
7,8,9 or 10	97.0	93.0
5 or 6	99.0	95.0
3 or 4	100.0	96.0
1 or 2	102.0	98.0
Crushed Stone Courses	99.0	95.0

When pavement is not required, the required density for the top course will be as shown in the table below.

Granular Material (Class)	Lot Average	Individual Test
10	94.0	90.0
7,8 or 9	95.0	91.0
5 or 6	96.0	92.0
3 or 4	97.0	93.0
1 or 2	98.0	94.0
Crushed Stone Courses	96.0	92.0

No density tests will be required for granular or crushed stone courses used for temporary work such as maintaining temporary ramps and driveways.

A finished course shall be continually maintained until a subsequent course is placed thereon or the work is released from maintenance.

S-304.08.1--Tolerances for Subbase & Base Course: It shall be understood that although certain tolerances in grade, cross section, and density are allowable under the specifications, it shall be the Contractor's responsibility to prepare the surface of all in-grade courses to the degree of true grade and cross section and to the density and stability necessary to insure his ability to construct subsequent courses to the specified requirements for surface, thickness, and compaction. It is essential in pavement structure construction that the degree of accuracy must be increased for each succeeding course in order that the final surface requirements can be met and the thickness of each course will be within design tolerances. It shall be the Contractor's responsibility to construct each course to the degree of accuracy, maximum allowable tolerances notwithstanding, necessary to insure meeting final requirements.

No vertical tolerances will be allowed which will pond water. Otherwise, allowable tolerances will be as follows:

Tolerances from Design Grade

<u>Subbase</u>		
(a)	Where the subbase is not to be treated in place	$\pm 1 / 2$ inch
(b)	Where the subbase is to be either mechanically stabilized or treated before stabilization or treatment	± 1 inch
(c)	After Treatment inch	$\pm 1 / 2$ inch
<u>Base</u>		
(a)	Where the base is not to be treated	$\pm 3 / 8$ inch
(b)	Where the base is to be either mechanically stabilized or treated before stabilization or treatment	$\pm 1/2$ inch
(c)	After Treatment	$\pm 3 / 8$ inch

S-320 -- Shoulders

S-320.01--Description. This work shall consist of constructing the shoulder portion of courses specified to be constructed; the shaping, compacting, finishing, and surfacing, if required, of the shoulder portion of the work in reasonably close conformity with the required lines, grades, and cross sections; and the construction and establishment of erosion control items specified for the shoulder portion of the work. All work shall conform to the sequence and timing indicated herein and to the other applicable requirements of the contract.

This work shall also include preservation from injury or damage to and repair and reconstruction of, if necessary, underlying courses and other elements of the pavement structure. Except as otherwise specified, construction of shoulders shall also include reshaping, finishing, and mowing of cut ditches, foreslopes, and upper embankment slopes adjacent to shoulders. Areas to receive this work shall include the areas between the finished shoulder line and the same elevation at the back of the ditch in cut sections and the areas on fill slopes between the finished shoulder line and a line ten (10) feet horizontally outside the finished shoulder line. Similar areas in the median portion of divided highways shall also be reshaped and finished.

S-320.02--Materials. Materials used in constructing shoulders shall meet the applicable requirements of S-700.

S-320.03--Construction Details. Except as otherwise specified, the construction of each course of the shoulders shall be in accordance with controlling requirements for subbases and bases constructed of like material.

Shoulder construction shall begin at the earliest practicable time and proceed in the proper sequence with contiguous subbase, base, or pavement construction. Each designated course for shoulders shall be constructed to the established lines, grades, and cross sections within tolerances allowed and shall be firm and stable.

Determination of acceptance of compaction of shoulders for required density will be performed on a lot to lot basis. Each lot will consist of each day's operation per layer placed, with a maximum lot length of 10,000 linear feet.

The lot will be divided into five approximately equal sublots with one density test taken at random in each subplot. The lot average and each single density test shall conform to the required density.

The required density for the shoulder portion of any layer or course shall be the same as for the adjacent (internal) portion of the layer or course when constructed of the same material.

The required density for the shoulder portion of any layer or course where the adjacent (internal) portion is of unlike material shall be as follows:

Granular Material	Lot	Individual
<u>Class</u>	<u>Average</u>	<u>Test</u>
10	94.0	90.0
7,8 or 9	95.0	91.0
5 or 6	96.0	92.0
3 or 4	97.0	93.0
1 or 2	98.0	94.0

except,

- (a) When the finished shoulder is required to be paved, the required density for such shoulder course shall be that required for the same material for bases, and
- (b) Where an existing pavement is to be overlaid, or widened and overlaid, without shoulder widening, and the existing shoulder is to be raised to match the new pavement, satisfactory density of each layer of new shoulder material shall be that which can be obtained from six coverages of a pneumatic roller with an operating weight of approximately six tons while the shoulder material is at the proper moisture content.

In cases of base or pavement in which portland cement is used as a material of construction, shoulder construction shall follow immediately upon expiration of the curing period, unless it has been otherwise provided that the shoulder course be constructed in advance of the contiguous course.

The rate of progress for each phase of shoulder construction shall be consistent with the rate of progress of the controlling construction. When the Engineer deems that other operations are being carried on to the unnecessary neglect of shoulder construction, the Engineer may suspend the operations in progress and order that shoulder construction be brought up to and then continued, without prejudice to other work, in the proper sequence.

SECTION S-401 - PLANT MIX PAVEMENTS (HMA) - GENERAL

S-401.01--Description. These specifications include general requirements that are applicable to all types of HMA along with the specific requirements for each particular mixture when deviations from the general requirements are necessary.

This work consists of the construction of one or more lifts of HMA in accordance with these specifications and the specific requirements for the mixture to be produced and in reasonably close conformity with the lines, grades, thicknesses and typical sections shown on the plans or established by the Engineer.

S-401.01.1--Definitions.

Maximum Sieve Size - Maximum sieve size is the smallest sieve size at which 100 percent of the aggregate passes.

Nominal Maximum Sieve Size -The nominal maximum sieve size is one sieve size larger than the first sieve to retain more than 10 percent of the aggregate.

Maximum Density Line - The maximum density line is a straight line plot on the FHWA 0.45 power gradation chart which extends from the zero origin point of the chart through the plotted point of the combined aggregate gradation curve on the nominal maximum sieve size.

Mechanically Fractured Face - An angular, rough, or broken surface of an aggregate particle created by crushing as determined by ASTM Designation: D 5821.

S-401.02--Materials.

S-401.02.1--Component Materials.

S-401.02.1.1--General. Component materials will be conditionally accepted at the plant subject to later rejection if incorporated in a mixture or in work which fails to meet contract requirements.

S-401.02.1.2--Aggregates. The source of aggregates shall meet the applicable requirements of S-703.

S-401.02.1.2.1--Coarse Aggregate Blend. Mechanically fractured faces by weight of the combined mineral aggregate coarser than the No. 4 sieve:

<u>Mixture</u>	<u>Percent Fractured Faces, minimum</u>
25 mm	70 (one face)
19 mm*	80 (one face)
12.5 mm	90 (two face)
9.5 mm	90 (two face)
4.75 mm	90 (two-face)

*When used on routes requiring polymer modified asphalt, the top intermediate lift (19 mm mixture), including travel lane and adjacent lane, shall have at least 90 percent two fractured faces minimum.

The maximum percentage by weight of flat and elongated particles, for all mixes other than 4.75 mm, maximum to minimum dimension greater than 5, shall not exceed 10% for all mixtures. This shall be determined in accordance with ASTM Designation: D 4791, Section 8.4, on the combined mineral aggregate retained on the 3/8" sieve.

S-401.02.1.2.2--Fine Aggregate Blend. Of all the material passing the No. 8 sieve and retained on the No. 200 sieve, not more than 60 percent shall pass the No. 30 sieve.

Uncrushed natural sand shall pass the 3/8" sieve and may be used, excluding the content in RAP, in the percentages of the total mineral aggregate by weight set out in the following table:

Mixture	Maximum Percentage of Natural Sand by Total Weight of Mineral Aggregate		
	HT	MT	ST
25 mm	10	10	20
19 mm	10	10	20
12.5 mm	10	10	20
9.5 mm	10	10	10
4.75 mm	25	30	35

S-401.02.1.2.3--Combined Aggregate Blend.

Design Master Range

Mixture:	25 mm	19 mm	12.5 mm	9.5 mm	4.75 mm
Nominal Maximum Sieve Size:	1 inch	3/4 inch	1/2 inch	3/8 inch	1/4 inch
Sieve Size	Percent Passing				
1-1/2 inch	100				
1 inch	90-100	100			
3/4 inch	89 max.	90-100	100		
1/2 inch	-	89 max.	90-100	100	100
3/8 inch	-	-	89 max.	90-100	95-100
No. 4	-	-	-	89 max.	90-100
No. 8	16-50	18-55	20-60	22-70	-
No. 16	-	-	-	-	30-60
No. 200	4.0-9.0	4.0-9.0	4.0-9.0	4.0-9.0	6.0-12.0

For MT and HT mixtures, the combined aggregate gradation of the job mix formula, when plotted on FHWA 0.45 power chart paper, shall fall entirely below the Maximum Density Line on all sieve sizes smaller than the No. 4 sieve. However, MT and HT mixtures having a minimum fine aggregate angularity index of 44.0, per ASTM Designation: C1252, Method A, may be designed above the maximum density line.

The 9.5 mm mixtures shall have a minimum fine aggregate angularity of 44.0 for HT and MT mixtures and 40.0 for ST mixtures when tested on combined aggregate in accordance with ASTM Designation: C1252 Method A. The 4.75 mm mixtures shall have a minimum fine aggregate angularity of 45.0 for all design levels when tested on combined aggregate in accordance with ASTM Designation: C 1252, Method A.

The minus No. 40 fraction of the combined aggregate shall be non-plastic when tested according to AASHTO Designation: T 90. The clay content for the combined aggregate for underlying layers shall not exceed 1.0 percent, and for the top layer shall not exceed

1.5 percent by weight of the total mineral aggregate when tested according to AASHTO Designation: T 88.

S-401.02.1.3--Bituminous--Materials. Bituminous materials shall meet the applicable requirements of Section S-702 for the grade specified.

Tack coat shall be the same neat grade asphalt cement used in the mixture being placed or those materials specified for tack coat in Table 410-A. Emulsified asphalt shall not be diluted without approval of the Engineer.

S-401.02.1.4--Blank.

S-401.02.1.5--Hydrated Lime. Hydrated lime shall meet the requirements of S-714.03.2 for lime used in soil stabilization.

S-401.02.1.6--Asphalt Admixtures. Additives for liquid asphalt, when required or permitted, shall meet the requirements of S-702.08.

S-401.02.1.7--Polymers. Polymers for use in polymer modified HMA pavements shall meet the requirements of S-702.08.3.

S-401.02.2-- Blank.

S-401.02.3--Composition of Mixtures.

S-401.02.3.1--General. Unless otherwise specified or permitted, the HMA shall consist of a mixture of asphalt, aggregate, hydrated lime and, when required or necessary to obtain desired properties, antistripping agent and/or other materials.

The total amount of crushed limestone aggregate for mixtures, excluding 4.75 mm mixtures, when used in the top lift, shall not exceed 50 percent of the total combined aggregate by weight.

Hydrated lime shall be used in all HMA at the rate of one percent (1%) by weight of the total dry aggregate including aggregate in RAP, if used. The aggregate, prior to the addition of the hydrated lime, shall contain sufficient surface moisture. If necessary, the Contractor shall add moisture to the aggregate according to the procedures set out in S-401.03.2.1.2.

The Contractor shall obtain a shipping ticket for each shipment of hydrated lime. The Contractor shall provide the Engineer and the approved Testing Laboratory with a copy of each shipping ticket from the supplier, including the date, time and weight of hydrated lime shipped and used in hot mix asphalt production. An amount equal to twenty-five percent (25%) of the total value of HMA items performed during the initial estimate period in which the Contractor fails to submit the hydrated lime shipping tickets, as required, will be withheld from the Contractor's earned work. Non-conformance with this specification for successive estimate period(s) will result in the total value (100%) of HMA items performed during this period(s) being withheld from the Contractor's earned work. Monies withheld for this non-conformance will be released for payment on the next monthly estimate following the date the submittal of hydrated lime shipping tickets to the Engineer is brought back into compliance with this specification.

Mixtures will require the addition of an antistripping agent when the Tensile Strength Ratio (MT-63) and/or the Boiling Water Test (MT-59) fail to meet the following criteria.

Tensile Strength Ratio (TSR - MT-63)	
Wet Strength / Dry Strength	85 percent minimum Interior Face Coating 95 percent minimum
Boiling Water Test (MT-59)	
Particle Coating	95 percent minimum

Reclaimed asphalt pavement (RAP) materials may be used in the production of HMA in the percentages of the total mix by weight set out in the following table:

HMA Mixture	Maximum percent RAP by total weight of mix
4.75 mm	0
9.5 mm	15
12.5 mm Top Lift	15
12.5 mm Underlying Lift	30
19 mm	30
25 mm	30

During HMA production, the RAP shall pass through a maximum 2-inch square sieve located in the HMA plant after the RAP cold feed bin and prior to the RAP weighing system.

Crushed reclaimed concrete pavement may be used as an aggregate component of all HMA pavements. When crushed reclaimed concrete pavement is used as an aggregate component, controls shall be implemented to prevent segregation. Crushed reclaimed concrete pavement aggregate shall be separated into coarse and fine aggregate stockpiles using the 3/8-in or 1/2-in sieve as a break-point unless otherwise approved by the Engineer in writing.

S-401.02.3.1.1--Mixture Properties.

ALL MIXTURES

Percent of Maximum Specific Gravity (Gmm)

N Design	96.0
N Initial	Less than 90.0
N Maximum	Less than 98.0

VMA CRITERIA

Minimum percent

Mixture	
25 mm	12.0
19 mm	13.0
12.5 mm	14.0
9.5 mm	15.0
4.75 mm	16.0

Mixtures with VMA more than two percent higher than the minimum may be susceptible to flushing and rutting; therefore, unless satisfactory experience with high VMA mixtures is available, mixtures with VMA greater than two percent above the minimum should be avoided.

The specified VFA range for 4.75 mm nominal maximum size mixtures for design traffic levels >3 million ESAL's (HT Mixtures) shall be 75 to 78 percent, for design traffic levels of 1.0 to 3 million ESAL's (MT mixtures) 65 to 78 percent, and for design traffic levels of <1.0 million ESAL's (ST mixtures) 65 to 78 percent.

DUST/BINDER RATIO for 4.75 mm mixtures

Percent Passing No.200 / Effective Binder Percent 0.9 to 2.0

DUST/BINDER RATIO for 9.5 mm, 12.5 mm, 19 mm & 25mm mixtures

Percent Passing No.200 / Effective Binder Percent 0.8 to 1.6

S-401.02.3.2--Job Mix Formula. The job mix formula shall be established in accordance with Mississippi Test Method: MT-78, where N represents the number of revolutions of the gyratory compactor.

Compaction Requirements:	N _{Initial}	N _{Design}	N _{Maximum}
High Type (HT) Mixtures			
19 mm, 12.5 mm, 9.5 mm & 4.75 mm	7	85	130
Medium Type (MT) Mixtures			
19 mm, 12.5 mm, 9.5 mm & 4.75 mm	7	65	100
All Standard Type (ST) Mixtures; 25 mm HT & MT Mixtures	6	50	75

At least 15 working days prior to the proposed use of each mixture, the Contractor shall submit in writing to the Engineer a proposed job-mix formula or request the transfer of a verified job-mix formula. The job-mix formula shall be signed by a Certified Mixture Design Technician (CMDT).

The approved laboratory shall perform the tests necessary for review of a proposed job-mix formula or transfer for each required mixture.

Review of the proposed job-mix formula will be based on percent maximum specific gravity at N_{Initial}, N_{Design}, and N_{Maximum}, VMA @ N_{Design}, resistance to stripping, and other criteria specified for the mixture.

The mixture shall conform thereto within the range of tolerances specified for the particular mixture. No change in properties or proportion of any component of the job-mix formula shall be made without permission of the Engineer. The job-mix formula for each mixture shall be in effect until revised in writing by the Engineer.

A job-mix formula may be transferred to other contracts in accordance with conditions set forth by the Engineer.

The Contractor shall not place any HMA prior to receiving "tentative" approval from the Engineer.

When a change in source of materials, unsatisfactory results or changed conditions make it necessary, a new job-mix formula will be required. The conditions set out herein for the original job-mix formula are applicable to the new job-mix formula.

S-401.02.4--Substitution of Mixture. The substitution of a one (1) size finer mixture for an underlying lift shall require written permission of the Engineer, except no substitution of a 4.75 mm mixture will be allowed. A 9.5 mm mixture may be substituted for the 12.5 mm mixture designated on the plans as the top lift or pre-leveling. The 19 mm mixture may be substituted for the 25 mm mixture in trench widening work. Any substitution of mixtures shall be of the same type. No

other substitutions will be allowed. The quantity of substituted mixture shall be measured and paid for at the contract unit price for the mixture designated on the plans. The substitution of any mixture will be contingent on meeting the required total structure thickness and maintaining the minimum and/or maximum laying thickness for the particular substituted mixture as set out in the following table.

Mixture	Single Lift Laying Thickness Inches	
	Minimum	Maximum
25 mm	3	4
19 mm	2 ½	3 ½
12.5 mm	1 ½	2 ½
9.5 mm	1	2
4.75 mm	½	1 ¼

S-401.02.5--Contractor's Quality Management Program.

S-401.02.5.1--General. The Contractor shall have full responsibility for quality management and maintain a quality control system that will furnish reasonable assurance that the mixtures and all component materials incorporated in the work conform to contract requirements. The Contractor shall have responsibility for the initial determination and all subsequent adjustments in proportioning materials used to produce the specified mixture. Adjustments to plant operation and spreading and compaction procedures shall be made immediately when results indicate that they are necessary. Mixture produced by the Contractor without the required testing or personnel on the project shall be subject to removal and replacement by the Contractor at no additional cost to the Project.

S-401.02.5.2--Personnel Requirements. The Contractor shall provide at least one Certified Asphalt Technician-I (CAT-I) full-time at each plant site used to furnish material to the project. Sampling shall be conducted by a certified technician or by plant personnel under the direct observation of a certified technician. All testing, data analysis and data posting will be performed by the CAT-I or by an assistant under the direct supervision of the CAT-I. The Contractor shall have a Certified Asphalt Technician-II (CAT-II) available to make any necessary process adjustments. Technician certification shall be in accordance with MDOT SOP TMD-22-10-00-000, MDOT HMA Technician Certification Program. An organizational chart, including names, telephone numbers and current certification, of all those responsible for the quality control program shall be posted in the contractor's laboratory while the asphaltic paving work is in progress.

S-401.02.5.3--Testing Requirements. As a minimum, the Contractor's quality management program shall include the following.

- (a) Bituminous Material. Provide Engineer with samples in sealed one quart metal containers at the required frequency as determined by the Engineer.
- (b) Mechanically Fractured Face. Determine mechanically fractured face content of aggregates retained on the No. 4 sieve, at a minimum of one test per day of production.
- (c) Mixture Gradation. Conduct extraction tests for gradation determination on the mixture. Sample according to the frequency in paragraph (i) and test according to Mississippi Test Method MT-31.
- (d) Total Voids and VMA. Determine total voids and Voids in Mineral Aggregate (VMA) at N Design, from the results of bulk specific gravity tests on laboratory compacted specimens. Sample according to the sampling frequency in paragraph (i), and test according to the latest edition of MDOT's field Manual for HMA.

- (e) Asphalt Content. Sample according to the sampling frequency in paragraph (i). Determine the asphalt content using one of the following procedures.
 - (1) Nuclear gauge. (Mississippi Test Method MT-6)
 - (2) Incinerator oven per AASHTO Designation: T 308, Method A.
- (f) Stripping Tests. Conduct a minimum of one stripping test at the beginning of each job-mix production and thereafter, at least once per each two weeks of production according to Mississippi Test Method: MT-63 and one stripping test per day of production according to Mississippi Test Method: MT-59. Should either the TSR (MT-63) or the boiling water (MT-59) stripping tests fail, a new antistrip additive or rate shall be established or other changes made immediately that will result in a mixture which conforms to the specifications; otherwise, production shall be suspended until corrections are made.
- (g) Density Tests. For 25 mm, 19.5 mm, 12.5 mm & 9.5 mm mixtures, conduct density tests as necessary to control and maintain required compaction according to Mississippi Test Method: MT-16, Method C (nuclear gauge), or AASHTO Designation: T 166. Note - The nuclear gauge may be correlated, at the Contractor's option, with the average of a minimum of five pavement sample densities. For 4.75 mm mixtures, conduct density tests as necessary to control and maintain required compaction according to AASHTO Designation: T 166.
- (h) Quality Control Charts. Plot the individual test data, the average of the last four tests and the control limits for the following items as a minimum:

Mixture Gradation (Percent Passing) Sieves:

1/2-in, 3/8-in, No. 8, No. 16, No. 30 and No. 200.

Asphalt Content, Percent Maximum Specific Gravity, G_{mm} Total Voids @ N_{Design} , Percent VMA @ N_{Design} , Percent

NOTE: For 4.75 mm mixtures, Quality Control Charts for mixture gradation are not required on the No. 8 and No. 30 sieves. For 4.75 mm mixtures, as a minimum, Quality Control Charts for mixture gradation shall be kept on the 3/8-in, No. 16 and No. 200 sieves. For all mixtures other than 4.75 mm, Quality Control Charts for mixture gradation are not required on the No. 16 sieve.

Keep charts up-to-date and posted in a readily observable location. Charts may be kept on a computer, however, the charts shall be printed out a minimum of once each production day and displayed in the laboratory. Note any process changes or adjustments on the Air Voids chart.

- (i) Sampling Frequency. Conduct those tests as required above at the following frequency for each mixture produced based on the estimated plant tonnage at the beginning of the day.

Total Estimated Production, tons Number of Tests

50-800	1
801-1700	2
1701-2700	3
2701+	4

NOTE: Material placed in a storage silo from a previous day's production shall be randomly sampled and tested when removed for placement on the roadway. Such sample(s) shall be independent of the day's production sampling frequency and shall be used in calculating the four (4) sample running average.

- (j) Sample Requirements. Obtain the asphalt mixture samples from trucks at the plant. Obtain aggregate samples from cold feed bins or aggregate stockpile. Save a split portion of all mixture samples at the

laboratory site in a dry and protected location for 14 calendar days. At the completion of the project, the remaining samples may be disposed of with the approval of the Engineer.

The above testing frequencies are for the estimated plant production for the day. If production is discontinued or interrupted, the tests will be conducted at the previously established sample tonnage points for the materials that are actually produced. If the production exceeds the estimated tonnage, sampling and testing will continue at the testing increments previously established for the day. A testing increment is defined as the estimated daily tonnage divided by the required number of tests from the table in S-401.02.5.3 paragraph (i).

In addition to the above program, the following tests shall be conducted on the first day of production and once for every eight production samples thereafter, with a minimum of one test per production week.

Aggregate Stockpile Gradations per AASHTO Designations: T-11 and T-27.

Reclaimed Asphalt Pavement (RAP) Gradation per Mississippi Test Method MT-31.

Fine Aggregate Angularity for all 4.75 mm and 9.5 mm mixtures and all MT and HT mixtures designed above the maximum density line per ASTM Designation: C 1252, Method A.

Testing of the aggregate and RAP stockpiles during production will be waived provided the Contractor provides the Engineer with gradation test results for the materials in the stockpile determined during the building of the stockpiles. The test results provided shall represent a minimum frequency of one per one thousand tons of material in the stockpile. If the Contractor continues to add materials to the stockpile during HMA production, the requirements for gradation testing during production are not waived.

S-401.02.5.4--Documentation. The Contractor shall document all observations, records of inspection, adjustments to the mixture, and test results on a daily basis. All tests conducted by the Contractor in accordance with S-401.02.5.3(h) shall be included in the running average calculations. If single tests are performed as a check on individual HMA properties, between regular samples, without performing all tests required in S-401.02.5.3(h), the results of those individual tests shall not be included in the running average calculations for the particular property. The Contractor shall record the results of observations and records of inspection as they occur in a permanent field record. The Contractor shall record all process adjustments and job mix formula (JMF) changes on the air void charts. The Contractor shall provide copies of all test data sheets and the daily summary reports on the appropriate forms to the Engineer on a daily basis. The Contractor shall provide a written description of any process change, including blend proportions, to the Engineer as they occur. Information provided to the Engineer must be received in the Engineer's office by no later than 9:00 AM the day after the HMA is produced. Fourteen days after the completion of the placement of the HMA, the Contractor shall provide the Engineer with the original testing records and control charts in a neat and orderly manner.

S-401.02.5.5--Control Limits. The following control limits for the job mix formula (JMF) and warning limits are based on a running average of the last four data points.

Item	JMF Limits	Warning Limits
Sieve-% passing		
1/2-in	±5.5	±4.0
3/8-in	±5.5	±4.0
No. 8	±5.0	±4.0
No. 16, for 4.75 mm mixtures ONLY	±4.0	±3.0
No. 30	±4.0	±3.0
No. 200	±1.5	±1.0
Asphalt Content %	- 0.3 to + 0.5	- 0.2 to + 0.4
Total Voids @ N Design %	±1.3	±1.0

VMA @ N Design, %

- 1.5

- 1.0

S-401.02.5.6--Warning Bands. Warning bands are defined as the area between the JMF limits and the warning limits.

S-401.02.5.7--Job Mix Formula Adjustments. A request for a JMF adjustment signed by a CAT-II may be made to the Engineer by the Contractor. Submit sufficient testing data with the request to justify the change. The requested change will be reviewed by the Engineer. If current production values meet the mixture design requirements, a revised JMF will be issued. Adjustments to the JMF shall conform to the latest edition of MDOT's Field Manual for HMA. Adjustments to JMF limits to conform to actual production shall not exceed the tolerance specified for the JMF limits. Regardless of such tolerances, any adjusted JMF gradation shall be within the design master range for the mixture specified. The JMF asphalt content may only be reduced if the production VMA meets or exceeds the minimum design VMA requirements for the mixture being produced.

S-401.02.5.8--Action and Adjustments. Based on the process control test results for any property in question, the following actions shall be taken or adjustments made when appropriate:

- (a) When the running average trends toward the warning limits, the Contractor shall consider taking corrective action. The corrective action, if any, shall be documented. All tests shall be part of the contract files and shall be included in the running average calculations.
- (b) The Contractor shall notify the Engineer whenever the running average exceeds the warning limits.
- (c) If two consecutive running averages exceed the warning limit, the Contractor shall stop production and make adjustments. Production shall only be restarted after notifying the Engineer of the adjustments made.
- (d) If the adjustments made under (c) improve the process such that the running average after four additional tests is within the warning limits, the Contractor may continue production with no reduction in payment.
- (e) If the adjustment made under (c) does not improve the process and the running average after four additional tests stays in the warning band, the mixture will be considered unsatisfactory. Reduced payment for unsatisfactory mixtures will be applied starting from the stop point to the point when the running average is back within the warning limits in accordance with S-401.02.6.3.
- (f) Failure to stop production and make adjustments when required shall subject all mixture produced from the stop point to the point when the running average is back within the warning limits to be considered unsatisfactory. Reduced payment for unsatisfactory mixtures will be applied in accordance with S-401.02.6.3.
- (g) If the running average exceeds the JMF limits, the Contractor shall stop production and make adjustments. Production shall only be restarted after notifying the Engineer of the adjustments made.
- (h) All materials for which the running average exceeds the JMF limits will be considered unacceptable and shall be removed and replaced by the Contractor at no additional cost to the Project. The Engineer will determine the quantity of material to be replaced based on a review of the individual testing data which

make up the running average in question and an inspection of the completed pavement. If the Engineer decides to leave the mixture in place because of special circumstances, the quantity of mixture, as defined above, will be paid for in accordance with S-401.02.6.3.

- (i) Single test results shall be compared to twice the warning and JMF limits. If the test results verified by an approved Laboratory or exceed these limits, the pay factor provided in S-401.02.6.3 will apply for the quantity of material represented by the test(s). Single test limits will be used for the acceptance of projects when insufficient tonnage is produced to require four (4) Contractor's tests.

S-401.02.6--Standards of Acceptance.

S-401.02.6.1--General. Acceptance for mixture quality (VMA and total voids at N_{Design} , gradation, and asphalt content) will be based on random samples tested in accordance with the latest edition of MDOT's Field Manual for HMA. Pavement densities and smoothness will be accepted by lots as set out in S-401.02.6.4 and S-401.02.6.5.

S-401.02.6.2--Test for Mixture Quality. The rounding of test results will be in accordance with S-700.04.

Conduct tests on split samples anytime during production. All testing and data analysis shall be performed by a Certified Asphalt Technician-I (CAT-I) or by an assistant under the direct supervision of the CAT-I.

The Engineer shall be allowed to inspect measuring and testing devices to confirm calibration and condition. The Contractor shall calibrate and correlate all testing equipment in accordance with the latest version of the MDOT Test Methods.

S-401.02.6.3--Acceptance Procedure for Mixture Quality. All obviously defective material or mixture will be subject to rejection by the Engineer. Such defective material or mixture shall not be incorporated into the finished work. If the defective material has already been placed in the work, the material shall be removed and replaced at no additional cost to the Project.

The Engineer will base final acceptance of the asphalt mixture production on the results of the Contractor's testing for total voids and VMA @ N_{Design} , gradation, and asphalt content. Areas of pavement that exhibit non-uniformity or failures, materials or construction related, such as but not limited to segregation, bleeding, shoving, rutting over 1/8", raveling, slippage, or cracking will not be accepted. Such areas will be removed and replaced at no additional cost to the Project.

Bituminous mixture placed prior to correction for deficiencies in VMA and total voids @ N_{Design} , gradation, or asphalt content, as required in S-401.02.5.8 and determined by the Engineer satisfactory to remain in place will be paid for in accordance with the following pay factors times the contract unit price per ton.

Pay Factor for Mixture Quality *

Item	Produced in Warning Bands	Produced Outside JMF Limits, Allowed to Remain in Place
Gradation	0.90	0.75
Asphalt Content	0.85	0.75
Total Voids @ N_{Design}	0.70	0.50
VMA @ N_{Design}	0.90	0.75

*The minimum single payment will apply.

S-401.02.6.4--Acceptance Procedure for Density For normal production days, divide the production into approximately

equal lots as shown in the following table. When cores are being used for the compaction evaluation, randomly obtain one core from each lot. When the nuclear density gauge is being used for compaction evaluation, obtain two random readings from each lot and average the results. Additional tests may be required by the Engineer to determine acceptance of work appearing deficient. The Contractor shall furnish and maintain traffic control for all compaction evaluations, including coring, required in satisfying specified density requirements.

Lot Determination

<u>Daily Production - Tons</u>	<u>Number of Lots</u>
0-300	1
301-600	2
601-1000	3
1001-1500	4
1501-2100	5
2101-2800	6
2801+	7

S-401.02.6.4.1--Roadway Density. The density requirement for each completed lift on a lot to lot basis from density tests shall be as follows:

1. For all single lift overlays, with or without leveling and/or milling, the required lot density shall be 92.0 percent of maximum density.
2. For all multiple lift overlays of two (2) or more lifts excluding leveling lifts, the required lot density of the bottom lift shall be 92.0 percent of maximum density. The required lot density for all subsequent lifts shall be 93.0 percent of maximum density.
3. For all pavements on new construction, the required lot density for all lifts shall be 93.0 percent of maximum density.

When it is determined that the density for a lot is below the required density (93.0 percent or 92.0 percent) but not lower than 91.0 or 90.0 percent of maximum density, respectively, the Contractor will have the right to remove and replace the lot(s) not meeting the specified density requirements in lieu of accepting reduced payment for the lot(s).

When it is determined that the density for a lot is above 96.0 percent, the Contractor will make plant adjustments to resolve the problem.

When it is determined that the density for a lot is below 91.0 or 90.0 percent, respectively, the lot(s), or portions thereof shall be removed and replaced in accordance with Chapter 7 of the latest edition of MDOT's Field Manual for HMA at no additional cost to the Project. A corrected lot will be retested for approval. No resampling will be performed when pavement samples are used for determining density.

At any time the average daily compaction (the total of the percent compaction for the lots produced in one day divided by the total number of lots for the day) does not meet the required percent compaction or more for two consecutive days, the Contractor shall notify the Engineer of proposed changes to the compactive effort. If the average daily compaction does not meet the required percent compaction or more for a third consecutive day, the Contractor shall stop production until compaction procedures are established to meet the specified density requirements.

Each lot of work found not to meet the density requirement of 92.0% or 93% of maximum density, respectively, may remain in place with a reduction in payment as set out in the following tables:

PAYMENT SCHEDULE FOR COMPACTION OF 92.0 PERCENT OF MAXIMUM DENSITY

<u>Pay Factor</u>	<u>% of Maximum Density</u>
1.00	92.0 and above
0.90	91.0 - 91.9
0.70	90.0 - 90.9

** Any lot or portion thereof with a density of less than 90.0 percent of maximum density shall be removed and replaced at no additional cost to the Project.

PAYMENT SCHEDULE FOR COMPACTION OF 93.0 PERCENT OF MAXIMUM DENSITY

<u>Pay Factor</u>	<u>% of Maximum Density</u>
1.00	93.0 and above
0.90	92.0 - 92.9
0.70	91.0 - 91.9

*** Any lot or portion thereof with a density of less than 91.0 percent of maximum density shall be removed and replaced at no additional cost to the Project.

The compaction pay factors and mixture quality pay factor, as described in S- 401.02.6.3, will each apply separately. However, the combined pay factor shall not be less than 0.50 for any mixture allowed to remain in place.

S-401.02.6.4.2--Trench Widening Density. The density for trench widening on a lot to lot basis shall be determined from density tests using pavement samples (cores).

When it is determined that the density for a trench widening lot is below 89.0 percent but not lower than 88.0 percent of maximum density, the Contractor will have the right to remove and replace the lot(s) not meeting the specified density requirements in lieu of accepting reduced payment for the lot(s).

When it is determined that the density for a trench widening lot is above 95.0 percent, the Contractor will make plant adjustments to resolve the problem.

When it is determined that the density for a trench widening lot is below 88.0 percent, the lot(s), or portions thereof shall be removed and replaced in accordance with Chapter 7 of the latest edition of MDOT's Field Manual for HMA at no additional cost to the Project. A corrected lot will be retested for approval. No resampling will be performed when pavement samples are used for determining density.

At any time the daily compaction (the total of the percent compaction for the lots produced in one day divided by the total

number of lots for the day) does not meet 89.0 percent compaction or more for two consecutive days, the Contractor shall notify the Engineer of proposed changes to the compactive effort. If the average daily compaction does not meet 89.0 percent compaction or more for a third consecutive day, the Contractor shall stop production until compaction procedures are established to meet the specified density requirement.

Each lot of trench widening work found not to meet the density requirement of 89.0 percent of maximum density may remain in place with a reduction in payment as set out in the following table:

**PAYMENT SCHEDULE FOR COMPACTION
TRENCH WIDENING WORK**

<u>Pay Factor</u>	<u>Lot Density *** % of Maximum Density</u>
1.00	89.0 and above
0.50	88.0 - 88.9

*** Any lot or portion thereof with a density of less than 88.0 percent of maximum density shall be removed and replaced at no additional cost to the Project.

The compaction pay factors and mixture quality pay factor, as described in S- 401.02.6.3, will each apply separately. However, the combined pay factor shall not be less than 0.50 for any mixture allowed to remain in place.

S-401.02.6.5--Acceptance Procedure for Pavement Smoothness. When compaction is completed, the lift shall have a uniform surface and be in reasonably close conformity with the line, grade and cross section shown on the plans.

When required by the Engineer, the smoothness of each applicable lift will be determined by using a California profilograph to produce a profilogram (profile trace) at each designated location. The surface shall be tested and corrected to a smoothness index as described in MDOT Specifications.

S-401.02.6.7--Surface Correction. Corrective work to bumps shall consist of diamond grinding in accordance with these specifications or methods approved by the Engineer. All surface areas corrected by grinding shall be sealed with a sealant approved by the Engineer.

S-401.02.6.7.1--Diamond Grinding. Grinding of asphalt surfaces shall consist of diamond grinding the existing asphalt pavement surface to remove surface distortions to achieve the specified surface smoothness requirements.

S-401.02.6.7.2--Equipment. The grinding equipment shall be a power driven, self-propelled machine that is specifically designed to smooth and texture pavement surfaces with diamond blades. The effective wheel base of the machine shall not be less than 12.0 feet. It shall have a set of pivoting tandem bogey wheels at the front of the machine and the rear wheels shall be arranged to travel in the track of the fresh cut pavement. The center of the grinding head shall be no further than 3.0 feet forward from the center of the back wheels.

The equipment shall be of a size that will cut or plane at least 2.0 feet wide. It shall also be of a shape and dimension that does not encroach on traffic movement outside of the work area. The equipment shall be capable of grinding the surface without causing spalls at joints, or other locations.

S-401.02.6.7.3--Construction. The construction operation shall be scheduled and proceed in a manner that produces a uniform finish surface. Grinding will be accomplished in a manner to provide positive lateral drainage by maintaining a constant cross-slope between grinding extremities in each lane.

The operation shall result in pavement that conforms to the typical cross-section and the requirements specified in S-

401.02.6.7.4. It is the intent of this specification that the surface smoothness characteristics be within the limits specified.

The Contractor shall establish positive means for removal of grinding residue. Solid residue shall be removed from pavement surfaces before it is blown by traffic action or wind. Residue shall not be permitted to flow across lanes used by public traffic or into gutters or drainage facilities, but may be allowed to flow into adjacent ditches.

S-401.02.6.7.4--Finished Pavement Surface. The grinding process shall produce a pavement surface that is smooth and uniform in appearance with a longitudinal line type texture. The line type texture shall contain parallel longitudinal corrugations that present a narrow ridge corduroy type appearance. The peaks of the ridges shall not be more than 1/16 inch higher than the bottoms of the grooves.

The finished pavement surface will be measured for riding quality. The grinding shall produce a riding surface which does not exceed either the specified profile index or the specified bump and dip limit.

S-401.02.7--Nuclear Gauges.

S-401.02.7.1--Nuclear Moisture-Density Gauge. The nuclear gauge unit used to monitor density shall contain a full data processor which holds all calibration constants necessary to compute and directly display wet density, moisture, and dry density in pounds per cubic foot. The data processor shall compute and display the percent moisture and percent density based on dry weight.

S-401.02.7.2--Nuclear Asphalt Content Gauge. The Contractor shall furnish and calibrate, unless designated otherwise in the contract, a Troxler Nuclear Asphalt Content Gauge (Model 3241 or updated model) or a Campbell Nuclear Asphalt Content Gauge (Model AC-2) or an approved equal.

S-401.03--Construction Requirements AASHTO "Hot-Mix Asphalt Paving Handbook" is adapted as the guideline for acceptable HMA construction practices.

S-401.03.1--Specific Requirements.

S-401.03.1.1--Weather Limitations. The mixture shall not be placed when weather conditions prevent the proper handling and finishing or the surface on which it is to be placed is wet or frozen. At the time of placement, the air and pavement surface temperature limitations shall be equal to or exceed that specified in the following table.

TEMPERATURE LIMITATIONS

Compacted Thickness	Temperature
Less than 1 1/2 inches	55°F
1 1/2 inches to 2 inches	50°F
2 1/4 inches to 3 inches	45°F
Greater than 3 inches	40°F

When paving operations are discontinued because of rain, the mixture in transit shall be protected until the rain ceases. The surface on which the mixture is to be placed shall be swept to remove as much moisture as possible and the mixture may than be placed subject to removal and replacement at no additional cost to the Project if contract requirements are not met.

S-401.03.1.2--Tack Coat. Tack coat shall be applied to previously placed primed subbase/base, road surface and between layers, unless otherwise directed by the Engineer. The tack coat shall be applied as a spray coating, fog coating, or "spider

webbing". Construction requirements shall be in accordance with S-407.

S-401.03.1.3--Blank.

S-401.03.1.4--Density. The lot density for all dense graded pavement lifts, except as provided below for preleveling, wedging {less than fifty percent (50%) of width greater than minimum lift thickness}, ramp pads, irregular shoulder areas, median crossovers, turnouts, or other areas where the established rolling pattern cannot be performed, shall not be less than 92.0 percent of the maximum density based on AASHTO Designation: T209 for the day's production. If a job-mix formula adjustment is made during the day which affects the maximum specific gravity, calculate a new average maximum density for the lot(s) placed after the change.

Pavement core samples obtained for determining density which have a thickness less than two times the maximum size aggregate permitted by the job-mix formula will not be used as a representative sample.

Preleveling, wedging {less than fifty percent (50%) of width greater than minimum lift thickness}, ramp pads, irregular shoulder areas, median crossovers, turnouts, and other areas where an established rolling pattern cannot be obtained shall be compacted to refusal densification.

S-401.03.2--Bituminous Mixing Plants. S-401.03.2.1--Plant Requirements.

S-401.03.2.1.1--Cold Aggregate Storage. The cold storage for hydrate lime shall be a separate bulk storage bin with a vane feeder or other approved feeder system which can readily be calibrated. The system shall provide a means for easy sampling of the hydrated lime additive and verifying the quantity of lime dispensed. The feeder system shall require a totalizer.

The hydrated lime additive equipment shall be interlocked and synchronized with the cold feed controls to operate concurrently with the cold feed operation which will automatically adjust the hydrated lime feed to variations in the cold aggregate feed. A positive signal system shall be installed which will automatically shut the plant down when malfunctions cause an improper supply of hydrated lime or water.

The plant shall not operate unless the entire hydrated lime system is functioning properly.

S-401.03.2.1.2--Cold Aggregate Feed. The hydrated lime shall be dispensed dry or as a slurry (1 part hydrated lime to 3 parts water) directly onto the composite aggregate between the cold feed and the dryer.

When hydrated lime is introduced dry, a spray bar or other approved system capable of spraying all aggregate with water shall be installed in order to maintain all aggregate at the moisture condition set out in S-401.02.3.1 prior to addition of the hydrated lime. An alternate system for spraying the coarse aggregate stockpiles may be allowed when approved by the Engineer. The approved equipment and methods shall consistently maintain the aggregate in a uniform, surface wet condition. The moisture content of the aggregate-hydrated lime mixture, following spraying and mixing, shall be introduced into the automatic moisture controls of the plant.

The aggregate-hydrated lime mixture shall be uniformly blended by some mechanical means such as a motorized "on the belt" mixer or pug mill located between the cold feed and the dryer. Other mixing devices may be used subject to approval by the Engineer.

A maximum of forty five (45) percent of the total aggregate blend may be fed through any single cold feed bin. If the JMF calls for more than forty five (45) percent of a specific aggregate, that aggregate must be fed through two (2) or more separate cold feed

S-401.03.2.1.3--Dryer. The efficiency of drying aggregates shall be such that the moisture content of the top HMA mixture shall not exceed 0.50 percent by weight of the total mixture, and the moisture content of all the underlying mixtures shall not exceed 0.75 percent by weight of the total mixture being produced.

S-401.03.2.1.4--Blank.

S-401.03.2.1.5--Control of Bituminous Material and Antistripping Agent. Specified bituminous materials from different manufacturers or from different refineries of a single manufacturer shall not be mixed in the plant's asphalt cement supply system storage tank and used in the work without prior written approval of the Engineer. Approval is contingent upon the Engineer's receipt of three copies of the manufacturer's certified test report(s) from the Contractor showing that the bituminous material blend conforms to the specifications.

A satisfactory method of weighing or metering shall be provided to ensure the specified quantity of bituminous material. Provisions shall be provided for checking the quantity or rate of flow. Weighing or metering devices shall be accurate within plus or minus one-half percent.

The antistripping agent shall be injected into the bituminous material immediately prior to the mixing operation with an approved in-line injector system capable of being calibrated so as to ensure the prescribed dosage.

An in-line spigot for sampling of asphalt shall be located between the asphalt storage tank and the antistripping agent in-line injector.

S-401.03.2.1.6--Thermometric Equipment. An armored thermometer of adequate range and calibrated in 5°F increments shall be fixed at a suitable location in the bituminous line near the charging valve of the mixer unit.

The plant shall be equipped with an approved dial-scale, mercury-actuated thermometer, pyrometer or other approved thermometric instrument placed at the discharge chute of the dryer to measure the temperature of the material.

When the temperature control is unsatisfactory, the Engineer may require an approved temperature-recording apparatus for better regulation of the temperature.

S-401.03.2.1.7--Screens. A scalping screen shall be used.

S-401.03.2.1.8--Dust Collector. The plant shall be equipped with a dust collector constructed to waste or return collected material. When collected material is returned, it shall be returned through a controlling device which will provide a uniform flow of material into the aggregate mixture.

S-401.03.2.1.9--Safety Requirements. A platform or other suitable device shall be provided so the Engineer will have access to the truck bodies for sampling and mixture temperature data.

S-401.03.2.1.10--Blank.

S-401.03.2.1.11--Truck Scales. The specifications, tolerances and regulations for commercial weighing and measuring devices as recommended by the National Bureau of Standards {National Institute of Standards and Technology (NIST) handbook 44} shall govern truck scales used in the State of Mississippi, except weighing devices with a capacity of ten thousand (10,000) pounds or more used to weigh road construction materials (i.e. sand, gravel, asphalt, fill dirt, topsoil and concrete) shall have a tolerance of one-half of one percent (1/2 of 1%) in lieu of the requirements of Handbook 44 and shall be regulated by the Mississippi Department of Transportation.

Agriculture and Commerce. Certification shall be performed in the presence of an authorized representative of MDOT or a copy of the certification may be furnished for scales that have been checked and certified within the last six months for use on Department of Transportation or projects and are still in the position where previously tested. Scales that have not been checked and certified under NIST Handbook 44 guidelines, except for the herein modified tolerances allowed, shall be so checked and certified prior to use for measurement of materials. Tests shall be continued on six month intervals with the test conducted in the presence of an authorized representative of MDOT.

Truck scales shall be accurate to one-half percent of the applied load, shall be sensitive to 20 pounds, and shall have a graduation of not more than 20 pounds.

The Contractor may use an electronic weighing system approved by the Engineer in lieu of truck scales. The system shall be equipped with an automatic print out system which will print a ticket for each load with the following information:

Contractor's name, , Owner name, project name, county, ticket number, load number, pay item number, item description of the material delivered, date, time of day, haul vehicle number, gross weight, tare weight, net weight and total daily net weight.

When approved by the Engineer, and materials are measured directly from a storage bin equipped with load cells, exceptions may be made to the gross and tare weight requirement.

The ticket shall also have a place for recording the temperature of HMA mixtures, if applicable, and the signatures of the Engineer's plant and roadway inspectors. The load numbers for each project shall begin with load number one (1) for the first load of the day and shall be numbered consecutively without a break until the last load of the day. The Contractor shall provide the Engineer with an original and one copy of each ticket. When the ticket information provided by the Contractor proves to be unsatisfactory, the Engineer will use imprinter(s) and imprinter tickets to record load information. All recorded weights shall be in pounds and shall be accurate to within one-half of one percent of the true weight, and the system shall be sensitive to 20 pounds. The Engineer will require random loads to be checked on certified platform scales at no cost to the project.

When an electronic weighing system utilizes the plant scales of a batch plant, the system may be used only in conjunction with a fully automatic batching and control system.

S-401.03.2.2--Additional Requirements for Batching Plants.

S-401.03.2.2.1--Plant Scales. The plant batch scale weight shall not exceed the platform scale weight by more than one percent (1%).

S-401.03.2.3--Additional Requirements for Drum Mixing Plants.

S-401.03.2.3.1--Plant Controls. The plant shall be operated with all the automatic controls as designed and provided by the plant manufacturer. If the automatic controls malfunction, brief periods of manual operations to complete the day's work or to protect the work already placed may be conducted with the approval of the Engineer. During manual operation, the Contractor must continue to produce a uniform mixture meeting all contract requirements.

S-401.03.2.3.2--Aggregate Handling and Proportioning. A screening unit shall be placed between the bins and the mixer to remove oversized aggregate, roots, clayballs, etc.

S-401.03.2.4--Surge or Storage Bins. Surge and/or storage systems may be used at the option of the Contractor provided each system is approved by the Engineer prior to use. Surge bins shall be emptied at the end of each day's operation. Storage silos may be used to store mixtures as follows:

19 mm & 25 mm mixtures	24 hours
9.5 mm & 12.5 mm mixtures	36 hours

The storage silos must be well sealed, completely heated and very well insulated. The mixture when removed from the storage silo shall be tested to ensure that it meets all the same specifications and requirements as the mixture delivered directly to the paving site. See S-401.02.5.3, subparagraph (i) for sampling and testing requirements.

S-401.03.3--Hauling Equipment. The inside of each vehicle bed shall be coated with a light application of water and thin oil, soap solution, lime water solution or other approved material to prevent the mixture from sticking. Diesel fuel or gasoline shall not be used to lubricate vehicle beds. Truck beds shall be raised to drain excessive lubricants before placing mixture in the bed. An excess of lubricant will not be permitted.

S-401.03.4--Bituminous Pavers. The screed or stroke-off assembly shall be capable of vibrating and heating the full width of the mixture being placed and shall lay the lift with an automatic control device to the specified slope and grade without tearing, pulling or gouging the mixture surface.

S-401.03.5--Rollers. All rollers shall be self-propelled units capable of maintaining a smooth and uniform forward and reverse speed as required for proper compaction. They shall be equipped with adjustable scrapers, water tanks, mats and a device for wetting the wheels or tires to prevent the mixture from sticking. Adhesion of the mixture to the rollers will not be permitted. The use of diesel fuel or gasoline for cleaning roller wheels or tires or to aid in preventing the mixture from sticking to the wheels or tires is prohibited.

All rollers shall be in good mechanical condition, free from leaking fuels and lubricants, loose link motion, faulty steering mechanism, worn king bolts and bearing. They shall be operational at slow speeds to avoid displacement of the mixture and capable of reversing direction smoothly and without backlash.

S-401.03.6--Preparation of Grade. The foundation upon which HMA pavement is to be placed shall be prepared in accordance with plans and specifications.

Unless otherwise directed, tack coat shall be applied to the underlying surface on which the mixture is to be placed. Emulsions, if used, must be allowed to "break" prior to placement of the bituminous mixture.

Bituminous mixture shall not be placed against the edge of pavements, curbs, gutters, manholes and other structures until sprayed with a thin uniform tack coating. The tack coat shall be protected until the mixture has been placed.

Existing pavements that require preliminary leveling or patching in advance of placing the bituminous mixture shall be sprayed with a tack coat material and then brought as nearly as practicable to uniform grade and cross section. The material shall be placed by hand or machine in one or more compacted layers approximately two (2) inches or less in compacted thickness.

S-401.03.7--Blank.

S-401.03.8--Preparation of Mixture. The temperature of the mixture, when discharged from the mixer, shall not exceed 340°F.

S-401.03.9--Material Transfer Equipment. Except for the areas mentioned below, when placing the top intermediate lift and/or the top lift of HMA pavements, the material transferred from the hauling unit shall be remixed prior to being placed in the paver hopper or insert by using an approved Materials Transfer Device. Information on approved devices can be obtained from the MDOT State Construction Engineer. Areas excluded from this requirement include: temporary work of short duration, detours, bridge replacement projects having less than 1,000 feet of pavement on each side of the structure, acceleration and deceleration lanes less than 1,000 feet in length, tapered sections, transition sections for width, shoulders less than 10 feet in width, crossovers, ramps, side street returns and other areas designated by the Engineer.

S-401.03.10--Spreading and Finishing. Grade control for HMA pavements shall be established by string line at least 500 feet ahead of spreading, unless placement is adjacent to curb and gutter, concrete pavement, or other allowed grade control.

The mixture shall be spread to the depth and width that will provide the specified compacted thickness, line, grade and cross section. Placing of the mixture shall be as continuous as possible. On areas where mechanical spreading and finishing is impracticable, the mixture may be spread, raked and luted by hand tools.

Immediately after screeding and prior to compaction, the surface shall be checked by the Contractor and irregularities adjusted. When the edge is feathered as in a wedge lift, it may be sealed by rolling. Irregularities in alignment and grade along the edges shall be corrected before the edges are rolled.

Hauling, spreading and finishing equipment shall be furnished that is capable of and operated in such a manner that the rolling operation will satisfactorily correct any surface blemishes.

The longitudinal joint in the subsequent lift shall offset that in the underlying lift by approximately six (6) inches. However, the joint in the top lift shall be at the centerline or lane line.

S-401.03.11--Compaction. After the mixture has been spread and surface irregularities corrected, it shall be thoroughly and uniformly compacted to the required line, grade, cross section and density.

S-401.03.12--Joints. Joints between previously placed pavement and pavement being placed shall be so formed as to insure thorough and continuous bond.

Transverse construction joints shall be formed by cutting the previously placed mixture to expose the full depth of the lift.

The contact surface of transverse joints and longitudinal joints, except hot joints, shall be sprayed with a thin uniform tack coating before additional mixture is placed against the previously placed material.

Longitudinal joints shall be formed by overlapping the screed on the previously placed material for a width of at least one (1) inch and depositing the quantity of mixture to form a smooth, tight joint.

S-401.03.13--Pavement Samples. The Contractor shall cut samples from each lift of HMA at the time and locations designated by the Engineer. The samples shall be taken for the full depth of each lift and shall be of a size approved by the Engineer but not to exceed 120 square inches. Tools used for cutting or coring of samples shall be of the revolving blade type such as saw or core drill. Cores shall be taken using a 4.0 to 6.0-inch inside diameter coring bit. The sample hole shall be filled, compacted and finished by the Contractor to conform with the surrounding area. No additional compensation will be allowed for furnishing samples and repairing the areas with new pavement.

SECTION S-403 – HOT MIX ASPHALT PAVEMENT

S-403.01--Description: This work consists of constructing one or more lifts of HMA pavement meeting the requirements of S-401 on a prepared surface in accordance with the requirements of this section and in reasonably close conformity with the lines, grades, thicknesses, and typical cross sections shown on the plans or established by the Engineer.

S-403.02--Material Requirements: Materials and their use shall conform to the applicable requirements of S-401.02.

S-403.03--Construction Requirements.

S-403.03.1--General. Construction requirements shall be as specified in S-401.03 except as otherwise indicated in this section or applicable special provisions.

S-403.03.2--Smoothness Tolerances. Except as noted herein, the finished smoothness of each lift shall conform to the designated grade and cross section within the following tolerances from grade stakes or other grade reference points set at 25 foot intervals:

	Lower * & Leveling Lifts	Lower * Intermediate Lifts	Top Intermediate Lift	Surface Lift
Max. deviation from grade and cross section at any point.....	1/2"	3/8"	1/4"	1/4"
Max. deviation from a 10 foot straight edge...	3/8"	1/4"	1/8"	1/8"

* When tested longitudinally from a string line located equidistant above points 50 feet apart, the distance from the string line to the surface at any two points located 12 ½ feet apart shall not vary one from the other more than the maximum deviation allowed above from a 10 foot straight edge.

Grade stakes or other grade reference points set at 25-foot intervals and maximum deviation from grade and cross section will not be required provided an approved profile averaging device is furnished and properly used for the five conditions set forth herein; however, all other surface requirements are applicable.

- (a) Overlays with one overall lift.
- (b) Overlays with two or more overall lifts -- for each lift above the first overall lift provided each underlying overall lift is within the allowable tolerances.
- (c) Surface lift of new construction provided the underlying lift is within the allowable tolerances.

- (d) Full-depth asphalt construction for lifts above the lower lift provided the lower lift is within the specified tolerances for the lower intermediate lift.
- (e) Base lifts.

Acceptance and payment of HMA will be determined on a lot to lot basis by cores taken from the completed pavement as outlined in S-403.03.3.

Approved contacting type profile averaging devices are those devices capable of working in conjunction with a taut string or wire set to grade, or ski-type device with extreme contact points with the surface at least 30 feet apart. Approved non-contacting type profile averaging devices are laser type ski devices with at least four referencing mobile stations at a minimum length of 24 feet, or an approved equal.

When approved by the Engineer, a short ski or shoe may be substituted for a long ski on the second paving operation working in tandem.

During the finishing and compacting of base and pavement lifts, it shall be the responsibility of the Contractor to check the surface and joints for progress toward conformance to surface requirements set forth herein. Variations from surface requirements exceeding the allowable tolerances shall be corrected at the Contractor's expense.

S-403.03.3--Thickness Requirements. Hot mix asphalt overlay lifts shall be constructed as nearly in accordance with the thickness shown on the plans as the underlying pavement and foundation will permit. Periodic and cumulative yield tests will be made to determine practicable conformity to the thickness of each lift. The Engineer may order modifications in placement thicknesses to prevent unwarranted variations in plan quantities.

When the paver is operating off an established grade line, no thickness determination will be required for the various lifts of base and pavement. It is understood that the tolerances from design grade will control the thickness requirements.

When grade stakes are eliminated as outlined in S-403.03.2, acceptance and pavement will be determined on a lot to lot basis by cores taken from the completed pavement. Lots will be coincidental with acceptance lots for the surface lift as provided in S-401.02.6.4, except that only lots resulting from the placement of mainline surface lift will be used for thickness assessment. One core will be obtained at random for each lot. Irregular areas will not be cored.

When the average thickness of all the cores from the lots representing a day's production (excluding any discarded by the Engineer for justifiable reason) is within $\frac{3}{8}$ of an inch of the total pavement thickness shown on the plans, excluding lift(s) placed using an established grade line, corrective action will not be required and a price adjustment will not be made for non-conformity to specified thickness.

When the average thickness of all the cores from the lots representing a day's production is deficient in thickness by more than $\frac{3}{8}$ of an inch of the total pavement thickness shown on the plans, excluding lift(s) placed using an established grade line, the deficiency shall be corrected by overlaying the entire length of the day's production. The thickness of the overlay shall be equal to the thickness deficiency but no less than the minimum single lift laying thickness for the specified mixture.

When the thickness of all the cores from the lots representing a day's production is more than $\frac{3}{8}$ of an inch thicker than the total thickness shown on the plans, excluding lift(s) placed using an established grade line, a price adjustment will be made in accordance with S-403.05.1.

The cores shall be cut and removed by the Contractor in the presence of the Engineer's representative. The Contractor shall fill each core hole with HMA and compact to the satisfaction of the Engineer within 24 hours after coring.

S-403.03.4--Lift Corrections. Pavement exceeding the allowable surface tolerances shall be corrected at the Contractor's expense by the following methods:

Lower, Leveling and Lower Intermediate Lifts:

- (a) Removal or addition of mixture by skin patching, feather edging, wedge lift construction of full depth patching where appropriate and can be completed in a satisfactory manner.
- (b) Superimposing an additional layer which shall be an approved grade raise for the full width and length of the area to be corrected.

Top Intermediate Lift

- (a) Removal and the addition of sufficient mixture to provide the specified thickness. Corrections by this method shall be square or rectangular in shape and shall completely cover the area to be corrected.
- (b) Superimposing an additional layer (minimum lift thickness for mixture being used) which shall be an approved grade raise for full lane width of the area to be corrected. Transverse joints shall be perpendicular to the centerline of the pavement.

Surface Lift:

- (a) Removal and the addition of sufficient mixture to provide new material of at least minimum single lift laying thickness for full lane width of the area to be corrected. Transverse joints shall be perpendicular to the centerline of the lane.
- (b) Superimposing an additional layer (minimum lift thickness for mixture being used) which shall be an approved grade raise for full lane width of the area to be corrected. Transverse joints shall be perpendicular to the centerline of the pavement.

All mixtures used in the correction of unacceptable pavement shall be approved by the Engineer prior to use.

S-403.03.5-- Overlays or Widening and Overlays.

S-403.03.5.1--General. In addition to the requirements of S-403.03.1 through S-403.03.4 the following requirements will be applicable when an existing pavement is to be overlaid or widened and overlaid.

S-403.03.5.2--Sequence of Operations. In order to expedite the safe movement of traffic and to protect each phase of the work as it is performed, a firm sequence of operations is essential. Unless otherwise provided in the traffic control plan and/or the contract, the following appropriate items of work shall be begun and continually prosecuted in the order listed:

- (a) In sections designated by the Engineer, trim the shoulders along the pavement edges to provide drainage from the pavement.
- (b) Perform selective undercutting and patching as directed (S-403.03.5.4).

- (c) Clean and seal joints. (If required)
- (d) Complete preparation on one side of roadway to be widened and place widening materials.
- (e) Reconstruct shoulders to elevation necessary to assure traffic safety.
- (f) Open the widened section to traffic.
- (g) Complete above work for other side of roadway.
- (h) Perform preliminary leveling as directed.
- (i) Apply interlayer (If required).
- (j) Place the first overall leveling lift. (If required)
- (k) After the first overall leveling lift, reconstruct shoulders as necessary to eliminate vertical differentials which may be hazardous to traffic.
- (l) Place first intermediate lift. (If required)
- (m) Construct shoulders to the contiguous elevation as required.
- (n) Place remaining intermediate lift (if required)
- (o) Place surface lift.
- (p) Complete construction of shoulders.
- (q) Apply permanent traffic marking.
- (r) Final cleanup.

The above operations shall be performed in such a manner that traffic will be maintained on a paved surface at all times. Two-lane highways should not be restricted to a single lane in excess of a 3,000 foot section.

S-403.03.5.3--Widening of Base or Pavement. The foundation for widening shall be formed by trenching or excavating to the required depth and constructing a smooth, firm and compacted foundation. It shall have sufficient density and stability to withstand the placement and compaction of subsequent lifts. Soft, yielding and other unsuitable material which the Engineer determines will not compact readily shall be removed and backfilled with granular material or hot mix asphalt as directed.

Except as provided herein, excavation for widening, undercutting or other required excavation shall be spread along the edge of the shoulders, foreslopes or other adjacent areas as directed and will be an absorbed item. When the quantity is in excess of what may be used satisfactorily on adjacent areas, the Engineer may direct that the material be loaded, hauled and spread uniformly on other designated areas. In this case, compensation for handling surplus material will be in accordance with the appropriate pay items as provided in the contract or as extra work.

If the plans require widening of the shoulders or embankment with contractor furnished material, all suitable material obtained from widening excavation may be used and will be measured and paid for as Contractor furnished materials. No measurement for payment of haul will be made.

Removal and disposal of old stakes, forms and other debris encountered in excavating shall be in accordance with S-201 and shall be considered as incidental to and included in the unit prices bid for other items. No separate measurement will be made therefor. Pavement edges and surfaces shall be cleaned prior to final shaping and compaction of adjacent trenching or undercut areas.

Granular material for widening shall be placed on a previously prepared, smooth, firm and unyielding foundation in accordance with the typical section. Density of the granular material shall be that specified for subbase.

Hot mix asphalt for widening, including trench widening, shall meet the applicable requirements of this section and S-401 and shall be placed in one or more layers as shown on the plans or as directed. The surface of the mixture shall be finished as a continuation of the adjacent pavement slope.

Trench rollers or other compaction equipment shall be used to compact the foundation, granular material and bituminous mixtures for widening when standard width rolling equipment cannot be used.

S-403.03.5.4--Patching. Existing pavement which has failed or unsatisfactorily stabilized shall be removed as directed. Removal of pavement will be measured and paid for under the appropriate pay items as provided in the contract.

Backfill shall consist of hot mix asphalt or a combination of compacted layers of granular material and hot mix asphalt. Unless otherwise specified, the Engineer will make this determination based on depth and field conditions.

Hot mix asphalt used for backfilling will be measured and paid for at the contract unit price for the mixture designated on the plans as the lowest lift. Granular material will be measured and paid for under the appropriate pay item as provided in the contract or as extra work.

S-403.03.5.5--Preliminary Leveling. All irregularities of the existing base or pavement that result in a thickness greater than approximately two and one-half inches for the first overall leveling lift shall be corrected by skin patching, feather edging or a wedge lift and shall be approved by the Engineer in advance of placing the first overall lift.

S-403.03.5.6--Placement of Lifts. The leveling lift shall be placed in a layer (or layers) not exceeding approximately two and one-half inches compacted thickness.

When single lane construction is required, placement of a lift on the adjacent lane may be performed by an approved profile averaging device provided the lane previously placed is within the allowable tolerances for all surface requirements. When any of the tolerances are exceeded, the contractor shall reestablish the control string line for laying the adjacent lane should he elect to perform this work prior to correcting the deficiencies of the lane previously placed. In no case shall a "matching shoe" be used to control the grade of an adjacent lane.

In instances where there are only minor deviations from the allowable tolerances in the first overall lift, the Engineer may permit the Contractor to place the next higher lift by graded string line in lieu of making the corrections.

Single lane placement of leveling, intermediate and surface lifts shall be limited to the distance covered in one and one-half days in advance of that placed in the adjacent lane.

S-403.03.5.7--Protection of Pavement. The base and pavement shall be protected and properly maintained until it has been compacted and cooled sufficiently for use by traffic.

S-403.04--Method of Measurement. HMA pavement, complete in place and accepted, will be measured by the ton. The weight of the composite mixture shall be determined in accordance with the provisions of S-401.03.2.1.11.

Unless shown as a separate pay item, the furnishing and application of the tack coat will not be measured for payment. When payment is provided, tack coat will be measured as set out in S-407.06.

The quantity of bituminous mixture required to correct the work, when made at the expense of the Contractor, will not be measured for payment.

Any trenching required for widening will not be measured for payment; the cost thereof shall be included in other items of work.

Undercut required by the Engineer will be measured for payment under the appropriate excavation item as provided in the contract or as extra work. Pavement removal and any required trenching will not be included in the measurement for undercut.

S-403.05--Basis of Payment. Subject to the adjustments set out in S-401.02.6.3, S-401.02.6.4 & S-403.03.2, hot mix asphalt pavement, complete-in-place, accepted, and measured as prescribed above, will be paid for at the contract unit price per ton for each lift of pavement specified in the bid schedule and shall be full compensation for completing the work.

S-403.05.1--Price Adjustment for Thickness Requirement. When grade stakes are eliminated as provided in S-403.03.3 and the average thickness of all cores from lots representing a day's production is more than 3/8 inch thicker than the total specified thickness of the pavement, excluding lift(s) placed using an established grade line, a lump sum reduction in payment for the surface lift of lots representing a day's production will be made as follows:

$$\begin{array}{lcl} \text{(Individual Day's} & & \text{(Monetary Value of the Day's} \\ \text{L.S. Reduction)} & = & \text{Surface Lift Production)} \times \frac{(\text{D} - 3/8)}{\text{ST}} \end{array}$$

Where:

D = The day's average deviation from total pavement thickness shown on the plans excluding lift(s) placed using an established grade line.

ST = Specified thickness for lift.

The total L.S. reduction for the project is the summation of the individual day's reductions in payment.

S-403.05.2--Pay Items

Payment will be made under:

<u>S-403-A:</u>	Hot Mix Asphalt,	(1) _____ (2) _____	- per ton
	Type	Mixture	
<u>S-403-B:</u>	Hot Mix Asphalt,	(1) _____ (3) _____, Leveling	- per ton
	Type	Mixture	
<u>S-403-C:</u>	Hot Mix Asphalt,	(1) _____ (4) _____, Trench Widening	- per ton
	Type	Mixture	
<u>S-403-D:</u>	Hot Mix Asphalt, HT	(3) _____, Polymer Modified Mixture	- per ton
<u>S-403-E:</u>	Hot Mix Asphalt, HT	(3) _____, Polymer Modified, Leveling Mixture	- per ton

- (1) ST, MT or HT
- (2) 4.75 mm mixture, 9.5 mm mixture, 12.5-mm mixture, 19-mm mixture or 25-mm mixture
- (3) 4.75 mm mixture, 9.5 mm mixture, 12.5-mm mixture, or 19-mm mixture
- (4) 19-mm mixture or 25-mm mixture

SECTION S-406 – COLD MILLING

S-406.01--Description. This work consists of removal of pavement materials on the roadway and shoulders by cold milling to the designated depth and, loading, hauling, and disposal of the milled materials by the Contractor in accordance with the plans and specifications, or as directed by the Engineer. The milled surface shall provide a desirable surface free from gouges, continuous grooves, ridges, oil film, and other imperfections of workmanship and shall have a uniform appearance.

S-406.02--Blank.

S-406.03--Construction Requirements.

S-406.03.1--Equipment. The equipment to be used for this work shall be a self-propelled milling machine capable of removing a minimum width of four feet. The equipment shall have sufficient power, traction, and stability to remove material and maintain an accurate grade and cross slope. The equipment shall be capable of accurately and automatically establishing profile grades along each edge of the machine by referencing from the existing pavement with means of an approved profile averaging device with extreme contact points with surface at least 30 feet apart, or from an independent grade line and shall have an automatic system for controlling cross slope. The machine shall be equipped with an integral loading and reclaiming means to immediately remove material being cut from the surface and discharge the cuttings into a truck or windrow, all in one operation.

Adequate back-up equipment, such as mechanical sweepers, loaders, water truck, etc., and personnel shall be provided to insure that all cuttings are removed immediately behind the milling machine.

S-406.03.2--Construction Methods. On the roadway, when hot mix asphalt will be required on the milled area, milling operations shall not begin until the Contractor has an approved job-mix formula and is prepared to begin paving operations. The milled roadway area opened to public traffic shall be covered by placing the first required course within 30 calendar days after milling. During the period from November 1 to March 1, the uncovered milled area shall not exceed one mile of full roadway width.

The pavement and shoulder materials shall be removed to the depth, width, grade, and cross section shown on the plans, or as directed by the Engineer. The number of passes necessary to accomplish the work required herein and on the plans shall be determined by the Contractor.

The surface of the pavement and shoulders, after milling, shall be reasonably smooth and true to the established line, grade and cross section. Areas damaged by the Contractor's operations shall be corrected and/or repaired as directed by the Engineer at no additional costs to the Project. The Contractor shall take necessary action to prevent or minimize the ponding of water on the milled roadway and shoulder.

Where traffic is required to be maintained adjacent to the milled area, no more than a 2¼-inch differential in grade between the milled area and the adjacent surface will be allowed, unless a positive separation in accordance with the plans and specifications is established between the traffic and milled area.

A longitudinal pavement edge that traffic is expected to move across should have an elevation difference of not more than 2¼ inches. If the pavement edge is more than 1½ inches and less than or equal to 2¼ inches, uneven pavement signs will be required as shown in the plans, or contract documents. If the pavement edge is less than or equal to 1½ inches, no uneven pavement signs will be required. Transverse pavement joints shall be sufficiently tapered to allow for the safe movement of traffic.

When traffic is required to be maintained adjacent to milled shoulders, traffic control devices shall be placed in accordance with the requirements of the Traffic Control Plan, or as directed by the Engineer.

It is understood that the milled shoulder shall be covered with the next required course as soon as possible but in no case later than 30 calendar days after milling.

S-406.04--Method of Measurement. Cold milling of pavement, all depths, will be measured by the square yard. Loading, hauling, and disposal will not be measured for separate payment.

S-406.05--Basis of Payment. Cold milling of pavement, all depths, measured as prescribed above, will be paid for at the contract unit price per square yard, which price shall be full compensation for completing the work.

When not shown as a separate pay item in the contract, the price for each item of cold milling shall include the cost of continuous maintenance of traffic and protective services as required by the Traffic Control Plan, including all required individual traffic control devices.

Payment will be made under:

S-406-A: Cold Milling of Bituminous Pavement, All Depths - per square yard

S-406-B: Cold Milling of Concrete Pavement, All Depths - per square yard

SECTION S-407 – TACK COAT

S-407.01--Description. This work shall consist of preparing and treating an existing bituminous or concrete surface with bituminous material in accordance with these specifications and in reasonably close conformity with the lines shown on the plans or established by the Engineer.

MATERIALS

S-407.02--Bituminous Material. The materials shall conform to the applicable requirements of S-702. The particular type and grade will be specified in the contract or by the Engineer.

When emulsified asphalt is used, the Engineer may require dilution with additional water to meet job conditions, but it shall not be diluted without approval of the Engineer.

CONSTRUCTION

S-407.03--Equipment. The Contractor shall provide equipment for heating and applying bituminous material. Heating equipment and distributors shall meet the applicable requirements of S-410.08. Other equipment for applying tack coat shall be approved by the Engineer prior to use.

S-407.04--Preparation of Surface. The existing surface shall be prepared in accordance with S-401.03.6 and S-410.09.

S-407.05--Application of Bituminous Material. The tack coat shall be applied in such a manner as to offer the least inconvenience to traffic and to permit one-way traffic without pickup or tracking of the bituminous material. Tack coat shall not be applied during wet or cold weather, after sunset, or to a wet surface. The quantity, rate+ of application, temperature, and areas to be treated shall be approved prior to application, and the applied tack coat shall be properly cured prior to superimposed construction.

COMPENSATION

S-407.06--Method of Measurement. Tack coat will not be measured for direct payment, but shall be considered a necessary part of the construction involved, and the cost thereof shall be included in the appropriate contract price.

S-407.07--Basis of Payment. Tack coat will be absorbed into the asphalt pay item(s).

SECTION S-601 - STRUCTURAL CONCRETE

S-601.01--Description. This work shall consist of furnishing and placing portland cement concrete for specified structures in accordance with these specifications and in reasonably close conformity with the lines, grades, and dimensions shown on the plans or established by the Engineer.

Structural concrete will be divided into two groups. One group will be designated as Structural Concrete. The other group will be designated as Structural Concrete, Minor Structures. Unless otherwise specified in the contract Structural Concrete, Minor Structures, will include inlets, catch basins, junction boxes, headwalls, and pipe collars, regardless of the concrete quantity required for each of these structures; and other small structures containing less than 3.0 cubic yards of concrete each.

S-601.02--Classification of Concrete. Concrete for this work shall be the class specified on the plans or in the bid schedule of the contract. Classes of concrete are identified in S-804.02.6.

MATERIALS

S-601.03--Materials. Materials for structural concrete and their use, care, and handling shall be in accordance with S-804.02. In addition Type IP portland cement meeting the requirements of S-701.03 will be permitted. Sampling and testing will be in accordance with S-804.02.3. The composition of the concrete for the class specified will be in accordance with the Master Proportion Table for Structural Concrete as shown in S-804.02.10.

S-601.03.1--Precast Units. Design standards normally contemplate that structural concrete will be cast in place. However, the Contractor may request approval from the Engineer to furnish and install precast units in lieu of cast-in-place units. The request shall be accompanied by detailed drawings of the precast units and design data.

The foundation for precast units shall be carefully shaped to the precise contour and grade of the bottom of the unit before the unit is placed.

Precast units which are to be joined to other units shall be designed and manufactured with proper and adequate joints. Joints shall be sealed with a joint material meeting the applicable requirements of S-707.

No additional payment will be allowed for precast units approved for use. Pay items and quantities will be as in cast-in-place in accordance with design standards.

No pre-cast tops on inlets will be allowed. All tops are to be cast in the field and are to match the profile of the roadway curb and gutter. Any tops not matching the curb and gutter profile (slope) will be removed and replaced at contractor's expense. Tops shall also be cast integral with curb and gutter per Sheet 322.

CONSTRUCTION REQUIREMENTS

S-601.04--Composition of Concrete. The composition of the concrete shall be in accordance with S-804.02.

S-601.05--Batching. Measuring and batching of component materials shall be in accordance with the applicable provisions of S-804.

S-601.06--Mixing and Conveying Concrete. Concrete shall be mixed and conveyed in accordance with the applicable provisions of S-804.03.

S-601.07--Cold or Hot Weather Concreting. Requirements for placement, protection, and curing of concrete during cold or hot weather are stipulated in S-804.03.16.

S-601.08--Consistency. The slump of the concrete, determined in accordance with the provisions of S-700.03, shall conform to the applicable requirements of S-804.

S-601.09--Falsework and Forms.

S-601.09.1--Falsework. Falsework shall be in accordance with the applicable provisions of S-804.03.13.

S-601.09.2--Forms. Forms shall conform to the requirements of S-804.03.14.

S-601.09.3--Removal of Falsework, Forms, and Housing. The removal of falsework, forms, and the discontinuance of heating, shall be in accordance with the provisions and requirements of S-804.03.15, and in addition shall conform to the following age or cylinder strength requirements:

<u>Column A</u>	<u>Column B</u>	
Forms not under Stress	24 to 48 hours*, minimum	1,000 psi
Forms under Stress	7 days, minimum	2,200 psi
Backfill and Cover	3 days per foot clear span or clear height, whichever is the greater (10 days minimum)	2,400 psi

* As directed by the Engineer.

If Type IP or Types I or II portland cement plus fly ash is used, only Column B will be applicable.

When the walls and top slab of box culverts and box bridges are not to be poured monolithically, extreme care shall be used when forming and pouring the top slab on walls in which the concrete has not attained its full design strength. In order to prevent damage to fresh concrete, either of the following methods of forming and pouring may be used:

1. Subject to approval by the Engineer, the wall forms and deck forms may be so constructed and separately supported and braced that the walls may be poured and the wall forms removed as for wall forms not under stress. The Engineer may require a detailed plan of the proposed method of forming for his approval. When this method of forming is used, the deck forms shall be in place and adequately and independently supported throughout before pouring the walls. Deck forms shall overlay the top edge and be flush with the face of the inside wall forms, but shall not be dependent upon any part of the inside wall forms for support. The intersection of the wall and deck forms shall be mortar tight. The wall forms may be constructed slightly less than the specified inside clear height of the structure and wedged upward from the bottom of the riser wall to permit easier removal. When this method is used, the concrete in the wall shall be poured flush with the top of the deck form.
2. At the option of the Contractor, the walls may be formed, adequately braced, and poured before the deck forms are in place. In this case the forms may be removed as for walls not under stress. Before erecting any part of the forming for the top slab, the concrete in the walls shall have attained the age or the strength specified for the removal of wall forms under stress.
3. The Contractor may elect to form and adequately support and brace the wall and deck forms as a composite unit before pouring the walls. In this case the outside forms may be removed as indicated for wall forms not under stress provided adequate provisions are made for forming the outer (vertical) surfaces for the subsequent deck pour. The inside wall forms shall remain in place as indicated for wall forms under stress.

S-601.09.4--Damage to Previously Placed Concrete. In the event previously placed concrete is damaged, all work on the affected structure shall cease immediately for an engineering assessment of the damage and the corrective work to be performed. No additional work shall be performed until this determination has been made, and the Engineer has given the Contractor approval to proceed with the corrective work and subsequent construction. All corrective work required shall be performed by the Contractor at no additional cost to the Project.

S-601.10--Foundations and Footings. Foundations for structures shall be prepared in accordance with the requirements and provisions of S-206.

All footings shall be poured "dry". Where footings can be placed in the "dry" without the use of cribs or cofferdams, the Engineer may permit back forms to be omitted, and concrete poured against the faces of the excavation.

S-601.11--Placing Reinforcing Steel. Reinforcing steel shall be placed in accordance with the requirements of S-602 and as shown on the plans.

S-601.12--Handling and Placing Concrete. Handling and placing concrete shall be in accordance with the provisions of S-804.03.6.

S-601.13--Expansion and Fixed Joints. All expansion and fixed joints shall conform to the applicable provisions of S-804.03.18.

S-601.14--Finishing Concrete Surfaces. Unless otherwise authorized, the surface of the concrete shall be finished immediately after form removal.

Surface finishes shall conform to the applicable provisions of S-804.03.19.

S-601.15--Curing Concrete. Concrete shall be cured in accordance with the provisions of S-804.03.17.

S-602 – Reinforcing Steel

S-602.01--Description. This work shall consist of furnishing and placing reinforcing steel in accordance with these specifications and in reasonably close conformity with the dimension, bending, spacing, and other requirements shown on the plans.

MATERIALS

S-602.02--Material Requirements. Reinforcing steel shall conform with the requirements of S-711 and S-805.02.

CONSTRUCTION REQUIREMENTS

S-602.03--Bar List and Order Lists. Lengths of box culverts and box bridges, and depths of inlets, etc. shown on the plans are also approximate. The Contractor shall verify the quantity, size, and shape of the reinforcement for compliance with the structural drawings and make the necessary corrections, if any, before ordering. The Contractor shall be fully responsible for all expenses caused by his failure to furnish the proper size, shape, length, and quantity of reinforcing steel required.

When stipulated in the contract, or at the option of the Contractor when not stipulated, order lists and bending diagrams shall be furnished by the Contractor to the Engineer for approval. In these cases no materials shall be ordered until the lists and bending diagrams have been approved. The approval of order lists and bending diagrams by the Engineer will in no way relieve the Contractor of the responsibility for the correctness of the lists and diagrams. All expense incidental to the revision of materials furnished in accordance with such lists and diagrams to make them comply with the design drawings and lengths shall be borne by the Contractor.

S-602.04--Protection of Materials. Steel reinforcement shall be protected in accordance with S-805.03.1.

S-602.05--Bending. Bending shall be in accordance with S-805.05.

S-602.06--Placing and Fastening. The steel reinforcement shall be accurately placed in the positions shown on the plans and firmly held during the placing and setting of concrete. Bars shall be tied at all intersections, except where spacing is less than one foot in each direction then alternate intersections shall be tied.

All reinforcing steel shall be securely spaced from the forms and between adjacent reinforcement by means of approved precast mortar blocks (of minimum size for adequacy) or metal spacers or devices. Where possible, all spacer devices shall be arranged so that they cannot be detected in the completed structure. Metal devices which are in contact with the exterior surface of the concrete shall be one of the types specified in S-711.02.7. Gravel, pieces of broken stone or brick, metal pipe, and wooden blocks shall not be used for spacers or chairs.

Reinforcement shall be accurately and securely placed to the dimensions shown on the plans, with a tolerance of one-half inch, then inspected and approved by the Engineer prior to the placing of concrete. Concrete placed in violation of this provision may be rejected and its removal required.

Substitution of different size bars will be permitted only with specific authorization by the Engineer. If steel is substituted, it shall have a cross sectional area equivalent to or greater than the design area.

S-602.06.1--Splicing. Except where shown on the plans, splicing of bars will not be permitted without the written approval of the Engineer. Splices, when permitted, shall be staggered as far apart as possible.

Unless otherwise shown on the plans spliced bars shall be lapped twenty (20) diameters. In lapped splices, the bars shall be placed in contact and wired together in a manner that will maintain the minimum clear distance specified between bars and to the surface of the concrete.

Welding of reinforcing steel will be permitted only if detailed on the plans or if authorized by the Engineer in writing. If done, it shall conform to AWS Recommended Practices for Welding Reinforcing Steel, Metal Inserts, and Connections in Reinforced Concrete Construction.

S-602.06.2--Lapping of Mesh and Bar Mats. Sheets of mesh or bar mat reinforcement shall overlap each other sufficiently to maintain a uniform strength and shall be securely fastened at the ends and edges. The edge lap shall be at least one mesh in width.

S-603 – Culverts and Storm Drains

S-603.01--Description. This work shall consist of the construction or reconstruction of pipe culverts, precast box culverts, cattlepasses, storm drains, sewers, downspouts, special sections and headwalls, hereinafter referred to as "conduit," in accordance with these specifications and in reasonably close conformity with the lines and grades shown on the plans or established. It shall also consist of furnishing all materials, and joining the work to other conduit, catch basins, manholes, inlets, etc., as may be required to complete the work as designated.

This work shall also consist of constructing conduits for the encasement of underground utilities or for other use by the method of jacking or boring in accordance with these specifications and in reasonably close conformity with the lines and grades specified on the plans or established.

MATERIALS

S-603.02--Material Requirements. Conduit shall conform to the design and dimensions shown on the plans, and materials shall meet the requirements specified in the following sections or subsections:

Bituminous coated corrugated aluminum pipe and pipe arches	S-709.11
Bituminous coated corrugated metal pipe and pipe arches	S-709.03
Bituminous coated paved invert corrugated aluminum pipe and pipe arches	S-709.12
Bituminous coated paved invert corrugated metal pipe and pipe arches . .	S-709.04
Bituminous plastic sealer for joints	S-707.05
Cast iron pipe	S-709.01
Concrete arch pipe end sections	S-708.04
Concrete for headwalls	S-601
Concrete pipe cattlepasses	S-708.03
Corrugated aluminum pipe and pipe arches	S-709.09
Corrugated metal pipe and pipe arches	S-709.02
Corrugated poly vinyl chloride (PVC) pipe	S-708.17
Corrugated polyethylene pipe	S-708.17
Elbows and branch connections for concrete pipe	S-708.23
Flexible plastic gaskets for joints	S-707.06
Joint Mortar	S-707.02
Joints for sanitary sewers	S-603.06, S-707.04, S-707.06
Metal end sections, elbows, and branch connections	S-709.18
Non-reinforced concrete pipe	S-708.02
Polymer coated corrugated metal pipe and pipe arches	S-709.05
Precast box culverts	S-708.22
Reinforced concrete arch pipe	S-708.14
Reinforced concrete elliptical pipe	S-708.15
Reinforced concrete end sections	S-708.04
Reinforced concrete pipe	S-708.02
Reinforcing steel	S-602
Rubber-type gaskets	S-707.04
Steel pipe	S-709.19

When material requirements provide for modifications of design, acceptable modified designs will be shown on the plans.

CONSTRUCTION REQUIREMENTS

S-603.03--Excavation. Except for conduit to be installed by jacking and boring, trenches shall be excavated in accordance with the requirements of S-206 to a width sufficient to allow for proper jointing of the conduit and thorough compaction of the bedding and backfill material under and around the conduit. Where feasible, trench walls shall be vertical.

The completed trench bottom shall be firm for its full length and width. Where required, in the case of cross drains, the trench shall have the camber specified.

Where conduit is to be placed in embankment, the excavation shall be made after the embankment has been completed to the specified height above the flow line of the conduit. In all cases the height above flow line shall be at least one foot.

In the case of pipe to be jacked or bored, only the trench excavation and bedding as set out in S-603.11 shall be performed.

S-603.04--Bedding. Except for conduit placed in a vertical position or jacked or bored, the conduit bedding shall conform to one of the classes specified. When no bedding class is specified the requirements for Class C bedding or Class C modified bedding, as applicable shall apply.

CLASS A bedding shall consist of a continuous concrete cradle conforming to the plan details, and constructed on an approved foundation.

CLASS B bedding shall consist of bedding the conduit to a depth of at least thirty (30) percent of the vertical outside dimension of the conduit. The thickness of bedding material beneath the pipe shall be at least four inches. The bedding material shall be sand or selected sandy soil, all of which passes a 3/8" sieve and not more than ten (10) percent of which passes a No. 200 sieve. The layer of bedding material shall be shaped to fit the conduit for at least fifteen (15) percent of its total height. Recesses in the trench bottom shall be shaped to accommodate the bell when bell and spigot type conduit is used.

CLASS C bedding shall consist of bedding the conduit to a depth of at least ten (10) percent of its total height. The bed shall be shaped to fit the conduit and shall have recesses shaped to receive the bell if bell and spigot type pipe is used.

CLASS C MODIFIED bedding shall consist of bedding corrugated conduit to a depth of at least ten (10) percent of its total height. A bedding blanket of approved silty loam, sandy loam, concrete sand, or other approved sand or sandy soil shall be roughly shaped to fit the bottom of the pipe. Minimum thickness before placing pipe shall be as follows:

- 1 inch for 1/2 inch deep corrugations
- 2 inches for 1 inch deep corrugations
- 3 inches for 2 inches or 2 1/2 inches corrugations

For structural plate pipe the length of bedding arc need not exceed the width of the bottom plate.

Bedding for precast concrete box culverts shall consist of at least two inches of granular material (Class 9, Group C or better) placed between graded forms set at least one foot outside each outside wall of the box culvert. The granular material shall be shaped to fit the bottom of the precast box culvert sections by screeding off the graded forms. After placement of the precast box culvert sections on the graded bedding, the forms may be removed and reused.

S-603.05--Laying Conduit. The conduit laying shall begin at the staked location of the downstream end of the conduit line. The lower segment of the conduit shall be in contact with the shaped bedding throughout its full length. Bell or groove ends of rigid conduits and outside circumferential laps of flexible conduits shall be placed facing upstream. Flexible conduits shall be placed with longitudinal laps or seams at the sides.

Paved or partially lined conduit shall be laid so that the longitudinal center line of the paved segment coincides with the flow line. Elliptical and elliptically reinforced conduits shall be placed with the major axis within five degrees of a horizontal plane through the longitudinal axis of the conduit.

Construction requirements for end sections shall conform to the requirements for placing the pipe to which they are joined.

At the Contractor's option, subject to the written approval of the Engineer, concrete headwalls conforming to the MDOT Standard Drawings may be substituted in lieu of premanufactured end sections without change in compensation.

S-603.06--Joining Conduit.

S-603.06.1--Storm Drainage. Rigid conduits shall be bell and spigot design. The method of joining conduit sections shall be such that the ends are fully entered, and the inner surfaces are reasonably flush and even. Unless otherwise specified, joints shall be sealed with preformed rubber-type gaskets.

Joints for precast concrete box culverts shall be made with bituminous plastic sealer.

Rubber-type gaskets shall be installed so as to form a flexible watertight seal.

For joints to be sealed with bituminous plastic, the joining ends shall be wiped clean and dry. The plastic compound shall be applied cold to the entire surface of tongues and grooves, the entire surface of bells and spigots, and the entire area of metal pipes to be covered by connecting bands. Sections of concrete pipe shall be forced together, and sections of metal pipe banded together, with excess compound extruding both inside and outside the pipe. Excess compound shall be removed from interior surfaces, and the exterior shall be finished reasonably flush. After pipe has been joined with bituminous plastic compound, suitable kraft or other approved paper shall be placed over the outside joints to avoid mixing of soil with the compound.

For joints to be sealed with preformed plastic gasket material, the pipe shall be installed in a dry trench. Joints shall be made in such a manner that a slight internal extrusion of the plastic gasket will occur for the full circumference when the sections of pipe are forced together. Installation shall be in accordance with these specifications and the manufacturer's instructions. Plastic gasket material shall be applied only to surfaces which are dry. A primer of the type recommended by the manufacturer of the plastic gasket shall be applied to the tongue and groove and to the end surfaces, and the surface to be primed shall be clean and dry when the primer is applied.

During cold weather the joint surfaces and the gasket shall be lightly heated, without damage to the pipe or joint material, immediately prior to forcing the sections of pipe together. During hot weather the Contractor shall place kraft or other approved paper over the joints to avoid mixing soil with the plastic gasket material.

For joints constructed of either bituminous plastic sealer or preformed plastic material, special care shall be taken to provide an equal uniform joint between pipe sections and to prevent one section from supporting the other.

Backfilling operations may follow immediately.

Flexible conduits shall be firmly joined by coupling bands. The ends of flexible conduits fabricated with helical corrugations shall be adapted by reforming and/or modification for circumferential corrugated coupling bands. The width and thickness of corrugated bands for both circumferential and helical corrugated flexible conduits shall be in accordance with AASHTO Designation: M 36 except that the bands shall be no less than 10½ inches in width.

In lieu of the preceding requirements and in addition to being supplied or recommended by the pipe manufacturer, coupling bands for joining corrugated polyethylene pipe shall be in accordance with AASHTO Designation: M 294 and shall meet or exceed the soil-tightness requirements of the AASHTO Standard Specifications for Highway Bridges, Section 26, paragraph 26.4.2.4 (e).

Corrugated polyethylene pipe may also be furnished with bell & spigot type joints with O-ring rubber gasket meeting ASTM Designation: F 477 placed on the spigot end. At least two (2) corrugations of the spigot end must insert into the bell end.

Joints and fittings for poly (vinyl chloride) (PVC) pipe shall meet the requirements of ASTM Designation: F 949.

S-603.06.2--Pipes With Gaskets. Unless otherwise specified, joints for pipe requiring gaskets shall conform to the following:

- (a) Pipes requiring gaskets shall be constructed to accommodate the gasket in accordance with the recommendations of the manufacturer of the gasket. Rubber gaskets shall comply with S-707.04, and flexible plastic gaskets shall comply with S-707.06.
- (b) In municipalities and other local governments having codes and specifications for joining sanitary sewer conduit, the local codes and specifications shall be applicable.
- (c) Depending upon the type of pipe specified and the joint to be used, the Contractor shall perform the joining in accordance with the recommendations of the manufacturer of the joint material to the extent that the line will be water proofed both from infiltration and exfiltration insofar as is practicable. Evidence of leakage shall be corrected immediately.
- (d) Evidence of leakage or suspected leakage may be cause for requiring the Contractor to perform testing to determine the leakage present. In the case of sanitary sewer lines, leakage exceeding the tolerance permitted under the local governing code, or in the absence of such code the tolerances permitted by the Mississippi Department of Environmental Quality, Office of Pollution Control, will not be allowed. Leakage in excess of the tolerances permitted shall be corrected by reworking the line as necessary. Retesting may be required if deemed by the Engineer to be indicated. All testing shall be at no additional cost to the Project.

S-603.07--Relaid Pipe. These construction specifications shall equally apply to relaid conduits. In addition, conduit salvaged for relaying shall be cleaned of all foreign material prior to reinstallation. All pipe damaged through carelessness or negligence on the part of the Contractor shall be replaced by new pipe or approved pipe at no additional cost to the project.

Pipe and end sections designated for removal and relaying shall be removed in accordance with the provisions of S-202.04.

S-603.08--Field Strutting. Where required by the plans, the vertical diameter of round flexible pipe shall be uniformly increased five percent by means of jacks applied after the entire line of pipe has been installed on the

bedding but before backfilling. The vertical elongation shall be uniformly maintained by means of sufficient sills and struts or by sufficient horizontal ties as specified. Only horizontal ties shall be used for paved invert pipe.

Unless otherwise directed, ties and struts shall be left in place until the embankment is completed and compacted.

S-603.09--Backfilling. Conduit shall be inspected before backfill is placed. Conduit found to be out of alignment, unduly settled, or damaged shall be taken up and relaid or replaced. After approval of conduit, it shall be backfilled with specified material in accordance with S-203.09.3.3.

S-603.10--Blank.

S-603.11--Pipes and Encasements Jacked or Bored. No pipe shall be placed by jacking or boring unless so designated in the contract.

When jacking or boring is designated, the area of placement shall be carefully investigated so as not to interfere with existing underground utilities. Care shall also be taken to keep the disturbed area of construction to a minimum.

Unless otherwise shown on the plans, sections of steel pipe shall be joined by welding for the full circumference of the pipe to form a continuous, rigid, watertight structure of the required length. Welding shall be performed in accordance with S-810.03.5.

S-603.11.1--Jacking. The designated strength of the pipe to be jacked is determined for the final loading under the embankment. Additional reinforcement or strength of pipe required to withstand jacking pressure shall be the responsibility of the Contractor. Extra strength pipe furnished by the Contractor shall be at no additional cost to the project.

Pipe larger than 3 1/2 inches ID shall not be pushed or jacked without boring or otherwise removing the soil as the pipe is advanced.

When required, suitable pits or trenches shall be excavated for the jacking operation and for placing the end joints of pipe. Where necessary, they shall be securely sheeted and braced to prevent caving.

Where pipe is required to be installed under railroads, highways, streets or other facilities by jacking or boring methods, construction shall be done in a manner that will not interfere with the operation of the facility or weaken the roadbed or structure.

Jacks for forcing the pipe through the roadbed shall have a jacking head constructed in such a manner as to apply uniform pressure around the ring of the pipe. The pipe to be jacked shall be set on guides braced together to properly support the section of the pipe and direct it to the proper line and grade. In general, roadbed material shall be excavated just ahead of the pipe, the excavated material removed through the pipe, and the pipe then forced through the roadbed into the excavated space.

When requested, the Contractor shall furnish for the Engineer's approval, a plan showing his proposed method of handling. The plan shall include the design for the jacking head, and show the jacking support or back stop, arrangement and position of jacks, pipe guides, etc., complete in assembled position. The approval of this plan by the Engineer will not relieve the Contractor from his responsibility to obtain the specified results.

The diameter of the excavation shall conform to the outside circumference of the pipe as closely as practicable. Voids which develop during the installation operation and which are determined by the Engineer to be detrimental to the work shall be pressure grouted with an approved mix.

The distance that the excavation extends beyond the end of the pipe will depend upon the character of the excavated material, but shall not exceed two feet in any case. This distance shall be decreased on instructions from the Engineer if the character of the material being excavated makes it desirable.

The pipe shall be jacked from the low or downstream end. Variation in the final position of the pipe from the line and grade established by the Engineer will be permitted only to the extent of two percent in lateral alignment and one percent in vertical grade, provided that the final grade of flow line is in the direction designated.

If the Contractor desires, he may use a cutting edge around the head end which extends a short distance beyond the pipe end and has inside angles or lugs to keep the cutting edge from slipping back into the pipe.

Once jacking of pipe has begun, the operation shall be carried on without interruption, insofar as practicable, to prevent the pipe from becoming firmly set in the embankment.

All pipe damaged in jacking operations shall be removed and replaced by the Contractor at their expense.

Pits or trenches excavated to facilitate jacking operations shall be backfilled immediately after the jacking has been completed.

S-603.11.2--Boring. The boring shall proceed from a pit provided for the boring equipment and workmen. Excavation for pits and installation of shoring shall be as outlined under jacking. The location of the pit shall meet the approval of the Engineer. The holes are to be bored mechanically. The boring shall be done using a pilot hole. By this method an approximate two inch pilot hole shall be bored the entire length of the crossing and shall be checked for line and grade on the opposite end of the bore from the work pit. This pilot hole, when approved, shall serve as the centerline of the larger diameter hole to be bored. Excavated material shall be placed near the top of the working pit and disposed of as required. The use of water or other fluids in connection with the boring operation will be permitted only to the extent to lubricate cuttings as provided herein. Jetting will not be permitted.

In unconsolidated soil formations, a gel-forming colloidal drilling fluid consisting of at least ten (10) percent of high grade carefully processed bentonite may be used to consolidate cuttings of the bit, seal the walls of the hole, and furnish lubrication for subsequent removal of cuttings and installation of the pipe immediately thereafter.

Allowable variation from line and grade shall be as specified under jacking. Precise measures are to be taken to prevent overcutting. Overcutting in excess of one-half inch shall be remedied by pressure grouting.

S-603.11.3--Grouting, Backfilling, and Cleanup. After the jacked conduit is in place, all joints in concrete pipe shall be cleaned carefully and pointed from the inside to afford a smooth continuous interior surface.

Extension of the line beyond that required to be jacked or bored shall be by conventional methods as set out in this section.

As soon after jacking as possible, the interstices around the outside of the pipe shall be filled by pressure grouting. The grout mixture shall consist of fine sand or silt, Type I cement of not less than fifteen (15) percent of volume, and water. The grout shall be placed through holes bored at such intervals that the grout can be determined as rising in an adjacent hole at least six inches above the top of the pipe. The water content of the grout shall be the minimum necessary to provide proper placement. Grouting shall be performed by qualified personnel with equipment especially designed for the purpose.

At the end of each day's grouting operation, or at the completion of the grouting operation for each line of pipe,

whichever occurs first, the conduit shall be carefully inspected on the inside and all grout which has penetrated the pipe shall be removed and the inside surface wiped clean. Other waste grout which will impair the work shall be removed and disposed of at on-project sites as designated by the Engineer.

After successive operations are completed, all sheeting, shoring, etc., shall be removed, excavations backfilled to the surface of the existing ground or as directed, the backfill compacted in accordance with the specifications, and all surplus material disposed of at on-project sites as designated by the Engineer.

SECTION S-604 – MANHOLES, INLETS AND CATCH BASINS

S-604.01--Description. This work shall consist of the construction of manholes, inlets, and catch basins in accordance with these specifications and in reasonably close conformity with the details, lines, grades, and dimensions shown on the plans or established by the Engineer.

Precast sectional manholes shall consist of furnishing and assembling precast sections for manholes, together with necessary fittings, bases, and connections, all constructed in accordance with these specifications and in reasonably close conformity with the details, lines, grades and dimensions shown on the plans, or established.

MATERIALS

S-604.02--Material Requirements. The materials used in this construction shall meet the requirements of the following:

Masonry Brick (Grade SM)	S-706.01 Mortar	S-714.11
Concrete	S-601	
Reinforcing Steel	S-711.01 and S-711.02	
Gray Iron Castings	S-716.04	

Bar gratings, unless otherwise specified, shall be constructed of plain, round, billet steel bars conforming with the requirements of AASHTO Designation M 31, Grade 60 or better.

All bars, anchors, frames, hangers, etc. for castings and plates shall be approved prior to installation.

Inlet and outlet pipes shall be of the type, class and size indicated on the plans and shall conform to the requirements as set out in S-603 for the particular type, class, and size of pipe specified.

Precast units will be considered for use under the provisions of S-601.03.01 and of S-601.04. Precast (sectional) manholes shall conform to the requirements of AASHTO Designation: M 199.

CONSTRUCTION REQUIREMENTS

S-604.03--Construction Details.

S-604.03.1--Brick Masonry. Brick masonry shall be constructed in conformity with the details shown on the plans and in accordance with the provisions of S-611.

Where irons or other fittings enter the brick work, they shall be placed as the work is laid up, thoroughly bonded, accurately spaced, and lined. Upon completion of the masonry and setting of castings and fittings, the inside and outside surfaces of the masonry shall be neatly plastered with mortar 1/2 inch thick. Plastering shall have a uniform, smooth finish and shall be neatly pointed to all fittings.

S-604.03.2--Concrete Masonry. Unless otherwise specified, concrete masonry shall be constructed of Class "B" concrete in accordance with the requirements of S-601.

S-604.03.3--Reinforcement. Reinforcement shall be placed as indicated on the plans or as directed and in accordance with the provisions of S-602.

S-604.03.4--Optional Construction. When plan standards indicate portions of the structure may be constructed of either brick masonry or concrete, the Contractor may use either concrete or brick masonry for these portions, provided the plan dimensions for wall thickness, etc. are maintained. In either case the masonry, whether concrete or brick, will be measured for payment as stipulated in S-604.04.

S-604.03.5--Inlet and Outlet Pipes. Unless otherwise directed, inlet and outlet pipes shall extend through the walls of manholes and catch basins for a sufficient distance beyond the outside surface to allow for connections and shall be cut flush with the wall on the inside surface and neatly pointed.

The concrete, or brick and mortar, shall be constructed around the pipes so as to prevent leakage and to form a neat connection.

S-604.03.6--Castings, Gratings, and Fittings. All castings and gratings shall be carefully handled. Injurious cracks, chips, surface mars, etc. which render them unsuitable for use or unsightly after being placed will be cause for rejection, and if so directed they shall be replaced.

The castings, gratings, and fittings shall be placed as indicated on the plans or as directed to line and grade and in such a manner that subsequent adjustments will not be necessary.

When castings or gratings are to be set in concrete or cement mortar, all anchors or bolts shall be in the correct place and position before the concrete or mortar is placed, and they shall not be disturbed while the concrete or mortar is hardening.

Castings and gratings placed on previously constructed masonry shall be set in mortar beds or anchored to the masonry as shown on the plans or as directed. The bearing surface of the original masonry shall present an even surface and conform to line and grade so that the entire face of the back of the casting will come in contact with the masonry.

Castings and gratings shall be set firm and snug so that they will not rattle, shake, or move unnecessarily.

S-604.03.7--Precast Manholes. As trenches are opened for the pipe conduit, truly leveled bases shall be prepared at each manhole site. The bases may be cast-in-place or may consist of precast base units. In either case, the seated base shall be truly horizontal. Inverts shall be smooth and accurately shaped to a semi-circular bottom conforming to the inside of the adjacent conduit, and extend upward at least half of the diameter of the conduit, or as shown on the plans. Joints shall be sealed in accordance with S-603.

Steps in the manhole may be of cast-iron, aluminum, wrought iron, plastic or other material approved by the Engineer. All steps shall be built into the walls of precast sections in straight alignment to form a continuous ladder with a maximum distance of 16 inches between steps.

Each precast section shall have not more than two holes for handling. The holes shall be plugged with mortar after installation.

Concrete covers may be precast, or cast at the site. The covers shall be cast accurately to the dimensions and design indicated on the plans.

S-604.03.8--Excavation and Backfill. Excavation shall be performed as required for proper construction. Backfill shall be performed in accordance with the provisions of S-203.09.3.3.

S-604.03.9--Cleaning Up. Upon completion, all structures shall be thoroughly cleaned of accumulations of silt, debris, and foreign matter. All surplus material shall be removed, and the site and the structure shall be maintained in a clean and neat condition until final acceptance.

COMPENSATION

S-604.04--Method of Measurement. When either concrete masonry or brick masonry is permitted, and when concrete is specified, measurement will be by the cubic yard in accordance with S-601.16 for Structural Concrete - Minor Structures.

Precast manholes will be measured per linear foot of depth from the flowline of the manhole to the top of the cover, or as indicated on the plans.

Reinforcing steel will be measured per pound in accordance with S-602.07.

When brick masonry only is specified, measurement will be by the cubic yard or per thousand (M) brick in accordance with S-611.06.

Excavation will not be measured for payment as a separate item. The cost of excavation shall be included in the unit price bid for concrete or brick masonry.

Castings, gratings and metallic manhole covers will be computed in pounds from the dimensions shown on the plans and based on the unit weights of metals set out in S-810.04.4.

Fittings will not be measured for separate payment. Their cost shall be included in the price bid for concrete or brick masonry.

S-604.05--Basis of Payment. Structural concrete, reinforcing steel, and brick masonry will be paid for at the respective contract unit price in accordance with S-601.17, S-602.08, or S-611.07 as applicable.

Precast Manholes will be paid for at the contract bid price per linear foot of depth, which price shall be full compensation for all necessary excavation, sheeting, cribbing, shoring, bracing, well-pointing, furnishing and assembling all elements of the manhole including concrete bases & covers except metallic cover and frame, for all other items of work necessary and incident to the complete construction and for all equipment, labor, tools and incidentals necessary to complete the work.

Castings and gratings will be paid for at the contract unit price per pound for castings or gratings, complete in place. These prices shall be full compensation for completing the work specified.

Payment will be made under:

- | | | |
|------------------------|----------------------------------|-------------------|
| <u>S-604-A:</u> | Castings | - per pound |
| <u>S-604-B:</u> | Gratings | - per pound |
| <u>S-604-C:</u> | Precast Manhole, _____" Diameter | - per linear foot |

SECTION S-608 – CONCRETE SIDEWALKS AND DRIVEWAYS

S-608.01--Description. This work shall consist of constructing portland cement concrete sidewalk or driveway on a prepared subgrade in accordance with the plans and specifications. Lines and grades shall be as shown on the plans or established. "Subgrade" in this section shall mean the prepared foundation on which the sidewalk or driveway is constructed.

MATERIALS

S-608.02--Material Requirements. All material furnished for use shall comply with appropriate requirements of the S-700 series of these specifications, and the following:

Concrete shall be Class B meeting the requirements of S-804.

Reinforcing steel shall meet the applicable requirements of S-602 and S-711 and plan details.

Expansion joint filler shall be either premolded or poured and shall conform to the requirements as set forth in S-707 for the particular type specified.

CONSTRUCTION REQUIREMENTS

S-608.03--Equipment. The Contractor may use forms or, if requested in writing and approved by the Engineer, an approved automatic extrusion type paving machine.

Forms shall be wood or metal. If wood, they shall be dressed on all sides, and be free of bulges, warps and loose knots. If metal, they shall be of approved section and have a flat surface on top. The depth of the forms shall be equal to the depth of the sidewalk or driveway. Adequate means shall be provided for securely fastening the ends of forms together.

Prior to use, an automatic extrusion machine must be demonstrated to produce a consolidated concrete section conforming to the dimensions, cross section, line, and grades shown on the plans or established.

S-608.04--Excavation and In-Grade Preparation. Excavation shall be made to the required depth and to a width that will permit the installation and bracing of forms. The foundation shall be shaped and compacted at the proper moisture content to a firm, even surface conforming to the lines, grades, and sections shown on the plans or established. All soft, spongy, or other unsuitable materials encountered shall be removed and replaced with acceptable material.

S-608.05--Setting Forms. Forms shall be set to the required line and grade and rigidly held in place by stakes or braces. Ends of adjoining form sections shall be flush. Forms and division plates shall be cleaned and oiled before placing concrete against them.

S-608.06--Handling, Measuring, Proportioning and Mixing Materials. The method of handling, measuring, proportioning and mixing concrete materials shall conform to S-804. Where reinforcement is required, it shall be placed in accordance with S-602.

S-608.07--Placing Concrete. A template resting upon the side forms and having its lower edge at the elevation of the subgrade shall be drawn along the forms to shape and grade the subgrade before concrete is deposited. The subgrade shall be moist and free of debris and foreign material before concrete is deposited upon it. The concrete

mixture shall be placed on the prepared subgrade to the depth required to complete the sidewalk or driveway in one course. It shall then be vibrated and/or tamped and struck off with an approved straightedge resting upon the side forms and drawn forward with a sawing motion. The surface shall be given a Class 6 float finish as set out in S-804.

The edges of sidewalk shall be rounded with an edging tool having a radius of 1/2 inch. Expansion joints shall be edged with an edger having a radius of 1/4 inch.

The edges of driveways at expansion joints shall be edged with an edger having a radius of 1/2 inch. Curb returns shall be finished as specified for integral curb in S-609.

S-608.08--Joints. Expansion joints shall be of the dimensions specified and shall be filled with the type of premolded expansion joint filler specified. Sidewalks shall be divided into sections by dummy joints formed by a jointing tool or other acceptable means. These dummy joints shall extend into the concrete for at least one inch and shall be approximately 1/8 inch wide. Joints shall match as nearly as possible adjacent joints in curb or pavements. Dummy joints may be sawed in lieu of forming with a jointing tool.

Construction joints shall be formed around all appurtenances such as manholes, utility poles, etc. extending into and through the sidewalk. Premolded expansion joint filler 1/4 inch thick shall be installed in these joints. Expansion joint filler of the thickness indicated shall be installed between concrete sidewalks and fixed structures such as a building or bridge. This expansion joint material shall extend for the full depth of the sidewalk.

S-608.09--Protection and Curing. Concrete shall be protected and cured in accordance with the requirements of S-804.03.17 or by other approved methods.

Placement, protection, and curing of concrete during cold or hot weather shall conform to the limitations, conditions, and requirements set out in S-804.

S-608.10--Backfilling and Cleaning Up. When the concrete has set sufficiently, all forms, bracing, etc., shall be removed and the sides of the sidewalk or driveway shall be backfilled and compacted to the required elevation with suitable material. All surplus material shall be disposed of as directed, and the completed work and the site shall be left in a neat and presentable condition.

COMPENSATION

S-608.11--Method of Measurement. Completed and accepted concrete sidewalks and driveways will be measured for payment by the square yard.

Excavation, backfill, expansion joint material, and other miscellaneous items will not be measured for separate payment.

S-608.12--Basis of Payment. Concrete sidewalks and driveways will be paid for at the contract unit price per square yard, which shall be full compensation for completing the work specified.

Payment will be made under:

<u>S-608-A:</u>	Concrete Sidewalk	- per square yard
<u>S-608-B:</u>	Concrete Driveway	- per square yard

SECTION S-609 – CONCRETE GUTTER, CURB AND COMBINATION CURB AND GUTTER

S-609.01--Description. This work shall consist of constructing curb, gutter, and combination curb and gutter in accordance with these specifications and in reasonably close conformity with the lines, grades, dimensions, and cross sections shown on the plans or as established.

MATERIALS

S-609.02--Material Requirements. Concrete for curb, gutter, and combination curb and gutter shall meet the requirements of S-601.

No bituminous curb will be allowed.

CONSTRUCTION REQUIREMENTS

S-609.03--Excavation and Grade Preparation. Excavation and grade preparation for gutter, curb, and combination curb and gutter shall be performed in accordance with the applicable provisions of S-205.

S-609.04--Cast-in-Place Portland Cement Concrete.

S-609.04.1--Forms. Forms, except for divider plates and templates, may be wood or metal. All forms shall be full depth, straight, and free of warp and shall be securely staked, braced, and sufficiently tight to prevent leakage of mortar. All forms shall be cleaned thoroughly and oiled before placing concrete against them.

Lumber for wood forms shall be sound, free of bulges, loose knots, and warps, and of uniform width. All lumber shall be dressed and at least two inches (commercial) thick, except the Engineer may permit the use of flexible material on short radii.

Metal forms shall be approved sections and shall have a flat surface on top. They shall present a smooth surface and be of sufficient strength when braced to withstand the weight of the concrete without bulging or displacement. Special care shall be exercised to keep metal forms free from rust, grease, or other foreign matter which would discolor the concrete.

Metal templates or dividing plates shall be of sufficient thickness and of such design as to hold the forms rigidly in place and to produce a smooth vertical joint after the plates are removed. They shall be of the full dimensions shown on the plans for curb, gutter, or combination curb and gutter.

S-609.04.2--Proportioning, Mixing, and Placing Concrete. Unless otherwise specified, concrete used for curb, gutters, and combination curb and gutter shall be Class "B" proportioned, mixed, and placed in accordance with the provisions of S-601.

The concrete shall be placed on a moist grade and consolidated by vibration or other acceptable methods. Weep holes shall be placed through curbs where indicated on the plans or as directed.

S-609.04.3--Extruded Construction. Concrete curb and curb and gutter shall be constructed by the use of a curb forming machine. Conventional methods will not be allowed unless approved by the Engineer. Such a machine shall conform to Parts 1, 2, and 5 of S-609.05.2, and in addition, its continued use shall be contingent upon it producing curb with the specified section, line, and grade.

S-609.04.4--Sections and Joints. Concrete curb, gutter, or combination curb and gutter shall be constructed in uniform sections of the length specified on the plans. These lengths may be reduced where necessary for closure but no section less than six feet will be permitted. The templates shall be accurately set before placing the concrete and allowed to remain in place wherever possible until the concrete has set sufficiently to hold its shape, but shall be removed while the forms are still in place.

Expansion joints shall be formed of premolded joint filler of the specified thickness, and shall be placed in line with expansion joints in the adjoining pavement or structure and at other locations designated on the plans. All joint fillers shall be cut to full cross section and shall extend for full depth, width, and length. All expansion joint material protruding after the concrete is finished shall be trimmed as directed. Immediately after removal of forms, the outer edges of filled joints shall be carefully exposed.

S-609.04.5--Finishing. The concrete shall be finished smooth and even by an approved float. Plastering will not be permitted. Strikeoff templates of the form and shape of the gutter shall be used to shape the top surface of gutters. Before final finishing the surface of gutters shall be checked with a ten (10) foot straightedge, and all irregularities of more than 1/8 inch in ten (10) feet shall be corrected. Edges on the faces of curbs shall be rounded with finishing tools having the radii shown on the plans. Edges where templates have been removed or expansion joint material has been placed shall be finished with an edging tool having a radius of 1/4 inch.

All exposed surfaces against which some rigid type of construction is to be made shall be left smooth and uniform so as to permit free movement of the curb, gutter, or combination curb and gutter.

All tool marks shall be removed with a wetted brush or wood float. The finished surface shall be a uniform color free from discolorations.

S-609.04.6--Protection and Curing. Concrete shall be cured for at least seventy-two (72) hours. Curing shall be by moist cotton or burlap mats, waterproof paper, white polyethylene sheeting, or by other approved methods.

The Contractor shall have materials available at all times for the protection of unhardened concrete against rain. During the curing period all traffic, both pedestrian and vehicular, shall be kept off the concrete. Vehicular traffic shall be kept off for such additional time as the Engineer may direct. The Contractor shall protect the work from damage until final acceptance. All sections which are damaged before final acceptance shall be removed and reconstructed by the Contractor without extra compensation.

S-609.05--Bituminous Curbing. Not allowed.

COMPENSATION

S-609.07--Method of Measurement. Complete-in-place concrete gutter, curb, and combination curb and gutter and bituminous curb will be measured by the linear foot along the face of the curb or flow line of gutter. Deduction will be made for driveway openings.

Concrete integral curb, complete in place, will be measured by the linear foot along the face of the curb including the full length of curb return for driveways.

No deduction in length will be made for drainage structures such as catch basins and inlets installed in the curbing.

Excavation backfill, expansion joint material, and other related miscellaneous items will not be measured for separate payment. The cost thereof shall be included in the unit prices bid for other items.

S-609.08--Basis of Payment. This work will be paid for at the contract unit prices per linear foot, complete in place, which shall be full compensation for completing the work specified.

Payment will be made under:

S-609-A: Concrete Gutter (_____) - per linear foot
(Designation)

S-609-B: Concrete Curb, Type - per linear foot

S-609-C: Concrete Curb (Integral) Type - per linear foot

S-609-D: Combination Concrete Curb and Gutter* - per linear foot

* Type may be specified.

SECTION S-617 – RIGHT-OF-WAY MARKERS

S-617.01--Description. This work shall consist of furnishing and placing concrete markers in accordance with the plans and these specifications or as directed. The work also shall include the removal of right-of-way markers from their original locations and resetting at new locations as specified or established.

MATERIALS

S-617.02--Material Requirements. The materials used in this construction shall conform to the requirements of S-706.04.

CONSTRUCTION REQUIREMENTS

S-617.03--Construction Requirements. Markers shall be cast in accordance with the details shown on the plans, the requirements of S-706.04, and the requirements of this section.

Reinforcement shall conform to the details shown on the plans and the requirements of S-602.

All letters and other markings shall be as shown on the plans and shall be neatly imprinted in the markers. Where required on the plans, the markings shall be painted in a workmanlike manner with the type of paint specified.

The markers shall be set to the depth and in the position designated on the plans and established by the Engineer. They shall be set to within 1/4 inch of the lines indicated or established, 1/2 inch of the depth or elevation indicated or directed, and in a vertical position within a tolerance of 1/8 inch per foot. Backfilling shall be made with suitable material thoroughly tamped in six- inch layers. All surplus material shall be disposed of as directed and the site shall be left in a neat and presentable condition.

S-617.04--Removal and Resetting. Markers which are specified to be removed and reset shall be carefully removed and reset at the location indicated and established in accordance with the provisions and requirements of S-617.03.

The Contractor shall replace without additional compensation all markers broken or damaged due to his carelessness or negligence during the removal and resetting operation.

COMPENSATION

S-617.05--Method of Measurement. New and removed and reset right-of-way markers will be measured per each.

S-617.06--Basis of Payment. Right-of-way markers complete in place will be paid for at the contract unit price per each, which shall be full compensation for completing the work specified.

Payment will be made under:

S-617-A: Right-of-Way Markers (_____) - per each
(Type)

S-617-B: Right-of-Way Markers Removed and Reset - per each

S-618—Maintenance of Traffic and Traffic Control Plan

S-618.01--Description.

S-618.01.1--General. This work shall consist of maintaining two-way local traffic at all times, except as provided herein or in other contract documents. It shall consist of removing temporary structures, constructing and maintaining in good condition approach roadways and other facilities required for the maintenance of traffic and furnishing temporary materials therefor, unless otherwise indicated in the contract.

This work shall include furnishing, erecting, maintaining in good condition, and removing all required construction signs, barricades, and temporary traffic stripe.

S-618.01.2--Traffic Control Plan. This work shall also consist of complying with the contract requirements of the Temporary Traffic Control Plan. The purpose of the Temporary Traffic Control Plan is to maintain through and local traffic safely through construction zones. In addition to this section, the Plan includes: S-104.04, S-105.15, S-107.07, and S-107.10; special provisions modifying this section and supplements thereto; individual plan sheets applicable to the plan; and Part VI of the Manual on Uniform Traffic Control Devices (MUTCD), latest edition. These parts of the Plan are listed for the bidders' information and do not change provisions of the contract, listed or unlisted, unless so specifically stated.

Where the plans call for guardrail to be replaced or removed and reset, all material shall be on hand at the time of removal and the resetting will be accomplished as per subsection S-606.05.1.

The Contractor's Traffic Safety Officer's responsibility shall be maintenance of the effectiveness of the Temporary Traffic Control Plan. The Contractor's Traffic Safety Officer's duties shall include the following:

1. Understand the requirements of the MUTCD and contract provisions.
2. Be responsible for assuring compliance of the Contractor's maintenance and protection of traffic relative to the requirements of the contract provisions.
3. Be responsible for maintaining current documentation of deficiencies with respect to the Contractor's maintenance and protection of traffic operations.
4. Be responsible for maintaining documentation on how and when the deficiencies were corrected.
5. Hold Contractor's traffic safety meetings.
6. Be responsible for assuring that all deficiencies are corrected.
7. Be responsible for coordinating maintenance of traffic operations with the Engineer.
8. Be responsible for reviewing Contractor's equipment location storage and operation relative to traffic safety and operation as required by the contract provisions.
9. Be responsible for reviewing Contractor's material location storage and handling of materials relative to traffic safety and operations.

10. Be responsible for maintaining current documentation of deficiencies and corresponding corrections relative to equipment operation, equipment storage, and material handling and storage pertaining to traffic safety and operations.

The Contractor shall also provide a suitable traffic vehicle, adequately marked and equipped, for the use of the Traffic Safety Officer. The Engineer shall be furnished with the telephone numbers where the Contractor's Traffic Safety Officer and a substitute, authorized to act in his absence, may be reached at all times when not on the project. This in no way modifies the requirements of S-105.05 regarding the assignment and availability of the superintendent.

Within three weeks time the Contractor shall provide the Engineer with a copy of each accident report for those accidents occurring within the limits of the project. In the event no accident report is available, the Contractor and the Engineer shall jointly attempt to describe the accident from sources or information that may be available. The Engineer, or other appropriate personnel as required, will analyze these reports to determine if corrective action is needed.

In the event corrective action is indicated, the Contractor shall proceed immediately with same.

The Engineer will designate a responsible person at the project level to monitor the Contractor's compliance with the plan.

MATERIALS

S-618.02--Material Requirements. Unless otherwise specified, the Contractor shall provide all materials for the construction and maintenance of detours required for the maintenance of traffic, except the Engineer may permit the Contractor to use excavation from the roadbed, or other designated sources, that is available at the time of construction of diversions without detriment to the work and provided the excavation is ultimately placed in its final position in the roadbed in an uncontaminated condition. No additional compensation will be made to the Contractor for the extra handling of the material.

Unless otherwise specified, the applicable material requirements set out in the S-700 series of sections or in other contract documents shall apply to all materials used in temporary traffic facilities. The Contractor shall select and use materials that with adequate maintenance or replacement will provide a satisfactory facility for the entire period the temporary facility is required.

CONSTRUCTION REQUIREMENTS S-618.03--Construction Details.

S-618.03.1--General. All diversions shall be constructed and maintained in such a manner that they will adequately carry the required traffic.

Requirements for temporary traffic facilities shown on the plans, or set forth in these specifications, shall be understood to be the minimum requirements anticipated. Actual traffic conditions may require work or devices in addition to those shown on the plans.

Traffic lanes shall be kept free of dust, and when deemed necessary they shall be sprinkled with water, or some other dust palliative shall be applied.

Unless otherwise specified, temporary structures and roads shall be sufficiently strong to safely carry the load permitted on the road under construction. Structures shall be provided with suitable curbs, rails, or other devices as required for the protection of traffic. Unless otherwise specified, walkways when required for pedestrians shall have a clear width of at least four feet and shall be protected from vehicular traffic in the manner specified or directed.

Unless otherwise specified, the Contractor shall remove all temporary diversions, satisfactorily dispose of all surplus materials, grade, finish, and dress the disturbed areas to the required section, and complete all work incidental thereto prior to final acceptance.

S-618.03.2--Barricades, Signs, and Flaggers. The Contractor shall construct, erect, and maintain in good order all barricades and danger and warning signs specified or ordered.

Flaggers shall be stationed at such points as may be deemed necessary. Movable construction signs shall be moved from sections as their use become inapplicable.

Such signs and all other signs and devices of a temporary nature shall be in accordance with the plans, and the MUTCD, as applicable.

S-618.04--Widening, Overlays, and Seal Coats. On widening or widening and overlaying projects, the Contractor shall limit the base widening, pavement removal, undercutting, and patching operations to the lengths that are deemed to be consistent with backfilling and traffic handling requirements.

Pavement edge excavated for widening shall be protected with drums, cones, vertical panels or barricades until the trench is filled and compacted.

On the traffic lane adjacent to the lane being paved, opposing traffic may be alternately routed over the single lane in such a manner as to provide safe movement of the traffic with minimum delay. In such case, flaggers will be required and, when deemed necessary, an approved pilot vehicle with sign meeting the requirements of the plans and the current edition of the Manual on Uniform Traffic Control Devices (MUTCD), shall be provided and operated to control the speed and sequence of movement of the traffic.

A pavement edge that traffic is expected to cross in changing lanes should have an elevation difference of no greater than 1 1/2 inches. There should be adequate signs to warn the traveling public of lane drop-off.

All failed areas that have been removed and all trenches shall be filled and compacted to the elevation of the existing pavement before work is discontinued for the day. In emergencies, the Engineer may permit the use of approved temporary materials for backfill, provided the temporary materials will be adequate to facilitate normal safe movement of traffic. Separate measurement for payment will not be made for the furnishing, placing, maintaining, removing, and disposing of such temporary materials.

Except under the following conditions, no portion of the roadway which is intended to be used for maintenance of traffic shall be blocked after work hours. In exceptional cases when all efforts have been made to restore the surface of the roadway and because of equipment failure or other uncontrollable causes complete restoration is not possible before work must be discontinued for that day, the Contractor shall provide adequate warning signals, barricades, flares, other appropriate devices, and flaggers, appropriately placed or stationed for the protection of the public. The Engineer may also require the use of a pilot vehicle as provided herein.

S-618.05--Contractor's Responsibility. The Contractor shall be responsible for protection against loss or damage from any cause to all temporary structures (including approaches), and shall maintain them in a satisfactory condition until their use is no longer required. If a temporary structure, or approaches, is damaged due to high water or other reasons, it shall be replaced by the Contractor without extra compensation, except that for temporary structure and approaches constructed of materials and the grades and sections indicated on the plans and in accordance with the applicable construction requirements of the contract and adequately maintained, consideration will be given under the conditions and provisions of S-107.17.

The Contractor shall maintain the surface of the existing facility and connections thereto on which he is required to maintain traffic. Such maintenance shall be in accordance with the provisions of S-104.04 and S-105.14 and other applicable requirements and shall be subject to the provisions of S-105.15. All costs for such maintenance and surface repairs shall be included in the lump sum bid.

SECTION S-621 – THERMOPLASTIC TRAFFIC MARKINGS

S-621.01--Description. This work consists of furnishing materials and placing thermoplastic pavement markings in reasonably close conformity with these specifications and the details shown on the plans or established.

MATERIALS

S-621.02--Materials. Thermoplastic material shall meet the requirements of S-720.03, except an alkyd resin shall be used in the formulation when used in construction of stop lines, crosswalks, and legends.

Glass beads shall meet the requirements of S-720.01.

CONSTRUCTION REQUIREMENTS

S-621.03--Equipment. Equipment for hot application shall be of sufficient size and stability to insure smooth, uniform, properly aligned markings of the thickness specified.

The application equipment shall be capable of automatic placement of intermittent and continuous line patterns in single or double line applications simultaneously. The intermittent timer mechanism shall provide a variable ratio of materials applied and variable cycle length such that accurate placement of new patterns, or replacement of existing patterns can be achieved.

The equipment shall also be capable of applying the top dressing of glass beads in a manner which will firmly embed them into the surface of the thermoplastic material for at least one half the diameter of the larger gradation sizes of the beads. The dispensing equipment shall be equipped with an automatic cut-off control for the application of the beads which is synchronized with the cut-off of the thermoplastic material.

S-621.04--Construction Details. Application of thermoplastic material shall be made only in periods of dry weather and when the temperature of the pavement surface is at least 55°F. The pavement shall be surface dry, to the satisfaction of the Engineer, before application will be permitted. The temperature of the thermoplastic material shall be between 400°F and 450°F.

Upon request, the Engineer will establish the control points for markings at necessary intervals not to exceed 600 feet on tangents and more often on curves. All additional work necessary to establish intermediate control points shall be performed by the Contractor. On curves, unsightly variations from the normal curvature will not be permitted unless specifically shown on the plans or ordered by the Engineer.

Immediately before application, the areas to receive markings shall be cleaned thoroughly in accordance with S-619.04. On areas of pavement cured with compound, the membrane shall be removed completely by "shot" blasting, sand blasting or other approved method.

Unless otherwise directed by the Engineer, traffic stripes that are coincidental with the thermoplastic stripe shall be removed prior to placement of the thermoplastic material, except that short-term paint stripe may be left in place when satisfactorily placed in the proper location. Any short-term stripe not covered shall be removed. Payment for removal of stripe, except temporary and short-term stripe, will be made under S-202.

When thermoplastic material is to be applied to portland cement concrete pavements or bridge surfaces, a binder-sealer of the type and amount recommended by the manufacturer of the thermoplastic material shall be applied prior to placement of the thermoplastic material. On other pavement surfaces, a binder-sealer shall be applied under those conditions recommended by the manufacturer of the thermoplastic material.

The thickness of the thermoplastic material, when measured above the surface plane of the pavement, shall be within tolerance of the specified thickness. Unless otherwise specified in the plans or contract documents, the thickness shall be 60 mils for edge lines, 90 mils for centerlines, lane lines, barrier lines and detail stripe including gore markings, and 120 mils for crosswalks, stop lines, and railroad, word and symbol markings. The measured thickness at the center of the line shall be no less than the specified thickness with the edge of the line not thinner than 75% of the specified center thickness and will be checked at intervals of one mile or less as directed by the Engineer.

Any thermoplastic traffic marking less than the required thickness shall be corrected by overlaying with an additional application of thermoplastic material. Any such required overlay will be no less than 30 mils. Although a tolerance of 25 percent from center to edge is allowed, a consistent underrun of any amount in thickness will not be acceptable.

All newly applied thermoplastic material shall be protected from traffic until the material is sufficiently dry so as not to sustain damage from vehicle tires. Any material so damaged, marred or picked up by traffic shall be repaired, and the thermoplastic material tracked onto the pavement shall be removed.

The tolerance for placing thermoplastic stripe shall be the same as required for paint (reference S-619.05).

COMPENSATION

S-621.05--Method of Measurement. Thermoplastic stripe completed in accordance with the plans and specifications will be measured by the mile or by the linear foot. In the case of skip lines, the measurement will include skips. The length used to measure centerline and edge stripes will be the horizontal length computed along the stationed control line.

Detail traffic stripe will be measured by the linear foot from end-to-end of individual stripes. Measurement will be made along the surface of each stripe and will include skip intervals where specified. A normal stripe is 4 to 6 inches wide, as indicated in the plans. Wide stripes will be converted to equivalent lengths of the normal stripes.

Legend, which is to include railroad markings, pedestrian crosswalks and stop lines, will be measured by the square foot or linear foot. Pay areas of individual letters and symbols will usually be shown on the plans and measured by the square foot. Transverse railroad bands, pedestrian crosswalks and stop lines will generally be measured by the linear foot.

S-621.06--Basis of Payment. Thermoplastic traffic markings will be paid for at the contract unit price per mile, linear foot, or square foot, as applicable, which shall be full compensation for completing the work.

Payment will be made under:

<u>S-621-A:</u>	“ Wide Thermoplastic Traffic Stripe (Skip White) (_____) Thickness	- per mile
<u>S-621-B:</u>	“ Wide Thermoplastic Traffic Stripe (Continuous White) (_____) Thickness	- per mile
<u>S-621-C:</u>	“ Wide Thermoplastic Edge Stripe (Continuous White) (_____) Thickness	- per mile

<u>S-621-D:</u>	“ Wide Thermoplastic Traffic Stripe (Skip Yellow) (_____) Thickness	- per mile
<u>S-621-E-1:</u>	“ Wide Thermoplastic Traffic Stripe (Continuous Yellow) (_____) Thickness	- per linear foot
<u>S-621-E-2:</u>	“ Wide Thermoplastic Traffic Stripe (Continuous Yellow) (_____) Thickness	- per mile
<u>S-621-F:</u>	“ Wide Thermoplastic Edge Stripe (Continuous Yellow) (_____) Thickness	- per mile
<u>S-621-G-1:</u>	Thermoplastic Detail Stripe (4" Equivalent Length) (<u>White</u>) (_____) Thickness	- per linear foot
<u>S-621-G-2:</u>	Thermoplastic Detail Stripe (4" Equivalent Length) (<u>Yellow</u>) (_____) Thickness	- per linear foot
<u>S-621-H-1:</u>	Thermoplastic Legend (White) (_____) Thickness	- per linear foot
<u>S-621-H-2:</u>	Thermoplastic Legend (White) (_____) Thickness	- per square foot

SECTION S-627 – RAISED PAVEMENT MARKERS

S-627.01--Description. This work consists of furnishing and placing pavement markers of the types, colors, shapes, and dimensions specified and in reasonably close conformity with the location lines, and details shown on the plans or as directed by the Engineer.

MATERIALS

S-627.02--Materials. Pavement and jiggle markers of the types specified shall conform to the applicable requirements of S-720.06 and shall be listed on MDOT's "Approved Sources of Materials".

Types B through G High Performance reflective markers shall be listed on MDOT's "Approved Source of Materials" for high performance raised pavement markers.

The bituminous adhesive for pavement markers shall meet the requirements of S-720.06.7.

CONSTRUCTION REQUIREMENTS

S-627.03--Construction Requirements.

S-627.03.1--General. Unless waived by the Engineer on the basis of known performance qualifications, the Contractor or approved subcontractor shall certify to the Engineer that sufficient experience has been acquired to have become proficient in the placement of the required markers, or the Contractor or approved subcontractor shall require the manufacturer of the markers to have a qualified technical representative on or immediately available to the project during the application of the markers to assist the Contractor's personnel in the proper application of the adhesive and markers and to render technical assistance to the Engineer as may be deemed desirable.

Any such waiver shall be subject to the conditions set forth in the waiver.

S-627.03.2--Construction Details. The markers shall be installed when the relative humidity of the air is 80% or less, the pavement surface is dry and the temperature of the pavement surface is no less than 50°F. Other pavement marking materials, such as thermoplastic, cold plastic and paint, shall be placed prior to installation of markers.

The portion of the roadway surface to which the marker is to be bonded shall be cleaned so as to be free of dirt, curing compound, grease, oil, moisture, loose or unsound layers, paint and any other material which would adversely affect the bond of the adhesive.

The bituminous adhesive shall be melted and heated in either thermostatically controlled double boiler type units utilizing heat transfer oil or thermostatically controlled electric heating pots. Direct flame melting units shall not be used. The melter/applicator unit shall be suited for both melting and pumping application through heated applicator hoses.

The adhesive shall be heated to between 375°F and 425°F and applied directly to the pavement surface from the melter/applicator by either pumping or pouring. It is important that application temperature be maintained between 375°F and 425°F and lower temperatures may result in decreased adhesion while higher temperatures may damage the adhesive.

The adhesive should be applied in a puddle approximately two-thirds to three-fourths the diameter of the marker. Markers should be applied to the adhesive within 10 seconds to assure bonding. The marker shall be placed in

position by applying downward pressure until the marker is firmly seated with the required adhesive thickness and squeeze out. Excessive adhesive squeeze out shall be removed from the pavement and adhesive on the exposed surfaces of the markers shall be immediately removed. Soft rags moistened with mineral spirits conforming to Federal Specification TT-T-291 or kerosene may be used if necessary, to remove adhesive from exposed faces of pavement markers. No other solvent shall be used.

All markers shall be installed in a uniform line, with controls established by the Engineer. The Engineer will establish controls for each line of markers by setting control points at not less than approximately 600-foot intervals on tangents and 50-foot intervals on curves. All additional work necessary to establish intermediate control points and individual marker points shall be performed by the Contractor, including smoothing out minor irregularities in any line established by the Engineer. On curves, the line of markers on lane lines and edge lines shall follow the normal curvature of the curve and placement on chords or other variations from the normal curvature will not be permitted, unless specifically shown on the plans or ordered by the Engineer.

Reflective markers shall be installed in such a manner that the reflective face of the marker is perpendicular to a line parallel to the roadway centerline. No markers shall be installed over longitudinal or transverse joints of the pavement surface.

The marker shall be protected against impact until the adhesive has hardened. The Engineer shall be the judge as to the minimum time necessary to cure the adhesive for sufficient set to bear traffic. The adhesive may be reheated and reused. However, the pot life at application temperatures shall not be exceeded.

Clean out of equipment and tanks may be performed using petroleum solvents such as diesel fuel or similar materials. CAUTION: Be sure that all heating is off before cleaning operations are begun. All solvent must be removed from the equipment tanks and lines before the next use of the melter.

S-627.04--Method of Measurement: Each type of raised markers acceptably placed will be measured as determined from actual count in place.

S-627.05--Basis of Payment: Raised pavement markers will be paid for at the respective contract unit price per each, which shall be full compensation for completing the work.

Payment will be made under:

<u>S-627-A:</u>	Type A, Non-Reflective White Raised Jiggle Markers_____	- per each
	(Class)	
<u>S-627-AY:</u>	Type AY, Non-Reflective Yellow Raised Jiggle Markers_____	- per each
	(Class)	
<u>S-627-B:</u>	Two-Way Clear Reflective Raised Markers	- per each
<u>S-627-C:</u>	Red-Clear Reflective Raised Markers	- per each
<u>S-627-D:</u>	Two-Way Yellow Reflective Raised Markers	- per each
<u>S-627-E:</u>	One-Way Clear Reflective Raised Markers	- per each
<u>S-627-F:</u>	One-Way Yellow Reflective Raised Markers	- per each

- S-627-G:** Yellow-Clear Reflective Raised Markers - per each
- S-627-H:** Chip Seal Clear Reflective Raised Markers - per each
- S-627-I:** Chip Seal Yellow Reflective Raised Markers - per each
- S-627-J:** Two-Way Clear Reflective High Performance Raised Markers - per each
- S-627-K:** Red-Clear Reflective High Performance Raised Markers - per each
- S-627-L:** Two-Way Yellow Reflective High Performance Raised Markers - per each
- S-627-M:** One-Way Clear Reflective High Performance Raised Markers - per each
- S-627-N:** One-Way Yellow Reflective High Performance Raised Markers - per each
- S-627-O:** Yellow-Clear Reflective High Performance Raised Markers - per each

S-630 – Traffic Signs and Delineators

S-630.01--Description. This work shall consist of furnishing and installing delineators, reflectorized traffic signs and markers and reflectorized warning and railroad crossing signs together with accessories and posts of the designated materials, sizes, shapes, weights and designs in reasonably close conformity with the requirements shown on the plans and set out in these specifications.

In general, the work and materials shall meet the requirements of the "Manual on Uniform Traffic Control Devices for Streets and Highways," or latest revision thereof, except as modified by these specifications or as shown on the plans.

Sign fabrication shall be in a properly equipped plant which shall show evidence of successful experience in fabrication and erection of quality reflectorized highway warning signs.

MATERIALS

S-630.02--Materials. All materials or equipment shall be of new stock and shall be the product of a reputable manufacturer. Completed equipment and materials shall be guaranteed to be free from defects in materials and workmanship for a reasonable period of time after erection.

Materials furnished or used shall conform with the following and shall be subject to inspection and testing as required by the Engineer:

S-630.02.1--Steel Posts. Steel posts for small signs shall be furnished in accordance with S-721.02.3.

Posts for railroad cross buck signs shall be 4" x 6" treated timber. The minimum length shall be fourteen (14) feet when erected.

S-630.02.2--Fabrication of Aluminum Extrusions and Sheets. The fabrication of aluminum extrusions and sheets shall generally conform to the requirements of S-721.03.

S-630.02.3--Concrete shall conform to S-601.

S-630.02.4--Colors and Paints shall match the colors specified by "The Manual on Uniform Traffic Control Devices for Streets and Highways," and S-721.05.

S-630.02.5--Reflective Sheeting. The reflective sheeting materials used in the manufacture of standard Highway and Marking signs shall conform to S-721.06 for brightness, adhesiveness, color, film, surface and durability.

S-630.02.6--Delineators and Prismatic Markers. See S-721.07 for design requirements, fabrication and finishing of the frames, as well as the tests and durability qualifications.

S-630.02.7--Timber Posts for All Signs. See S-721.09 for requirements of size and treatment with pentachlorophenol-petroleum solution.

S-630.02.8--Preparation of Sheet Aluminum or Steel for the Application of Reflective Sheeting or Painting. See S-721.

S-630.02.9--Silk Screen Method of Reflectorization. See S-721.

S-630.02.10--Packing, Storing and Shipping Highway Warning Signs. See S-721.

CONSTRUCTION REQUIREMENTS S-630.03--Construction Methods.

S-630.03.1--Construction Stakes. The Engineer or his authorized personnel will furnish and set a construction stake at each site clearly indicating thereon the respective sign for that site. The Contractor will be required to check all leading dimensions and clearances measured from such stakes and thereafter become responsible for orientation, elevation, offset and level of all signs so erected.

S-630.03.2--Sign Positioning. The glossy surface on sign face may produce specular reflection. Signs shall be positioned to eliminate or minimize specular reflection.

S-630.03.3--Ground-Mounted Highway Signs. Signs shall be erected so that the sign face is truly vertical and at 93° away from center of the travel lane which the sign serves and the direction of travel unless otherwise directed by the Engineer. Where lanes divide or on curves, sign faces shall be oriented so as to be most effective both day and night and to avoid the possibility of specular reflection.

S-630.03.4--Horizontal Clearance and Height. Signs erected at the side of the road shall be placed as shown on the plans.

Where raised edge curbs, guard rails, or paved shoulders are present the sign should ordinarily be placed with its nearest edge two feet outside of such curb or guard rail.

S-630.03.5--Posts. When steel posts are used they shall be ten (10) feet minimum length. Steel posts may be driven in place to a minimum depth of two and one-half (2 1/2) feet with the ground plate at least six inches below the ground elevation.

When treated timber posts are used they shall be set in holes dug to full depth and to sufficient diameter to allow proper tamping and compaction of the backfill. The backfill shall be made with the most suitable material available and shall be tamped until the posts are firm and rigid in a truly vertical position. Treated timber posts shall be a minimum length of ten (10) feet and set to a minimum depth of two and one-half (2 1/2) feet into the ground.

S-630.03.6--Erection of Signs. Erection of signs shall be done in a neat and workmanlike manner. After installation of signs is complete they shall be inspected at night by the Engineer. If specular reflection is apparent on any sign, its positioning shall be adjusted by the Contractor to eliminate this condition.

S-630.03.7--Erection of Delineators. The location of each type of delineators shall be as shown on the plans or as directed by the Engineer. They shall be placed two feet outside the shoulder edge, except in curbed sections where they will be placed two feet outside the face of the curb. The post shall be driven and a driving cap used to protect the post. Posts shall be installed so that the delineator units will be at the elevations specified on the plans or established by the Engineer and they shall be vertical and reasonably true to line and grade. The delineator shall be attached to the post as shown on the plans.

S-630.03.8--Removal of In-Place Signs, Markers and Posts. The Contractor shall salvage existing signs, markers and posts and stockpile at the locations shown on the plans or as directed by the Engineer. Signs and markers shall be removed from posts and be stacked edgewise with paper separators between units. Posts shall be pulled without being bent, and stockpiled off the ground. All handling, hauling and storing shall be such as to avoid damage. The work shall be incidental to items of the contract and separate payment will not be allowed.

S-630.04--Placement and Erection of Railroad Warning and Crossing Signs. This work shall conform to the requirements as shown on the plans and the requirements of American Association of Railroad specifications.

The cross buck signs shall be mounted on the right hand side of the roadway on each approach to the crossing not more than fifteen (15) feet from the center line of the nearest track. It shall not be less than six feet, or more than twelve (12) feet from the edge of the pavement, or less than two feet outside of the paved shoulder or curb. The height shall be approximately nine feet above the level of the highway to the center of the cross buck.

The Railroad Advanced Warning signs shall be yellow disk, 36 inches in diameter, carrying a 90-degree cross buck X and letter RR in black, reflectorized with reflective sheeting and mounted on a wooden post in advance of every railroad crossing. Advance warning signs are required whether the crossing is protected with cross bucks, signals or flaggers. Exception to the installation of advanced warning signs are (1) a minor siding or spur which is infrequently used and which is guarded by a member of the train crew when in use, or (2) in business districts where crossings are fully protected and physical conditions are such that even a partially effective display of the sign is impossible. In areas where low train speeds are prevalent, the advanced warning sign may be placed a minimum of 100 feet from the crossing. Street or road intersections within 100 feet of a crossing may also require additional signs to warn approaching traffic from each intersection road or street.

The Contractor will be required to check all controlling dimensions and clearances mentioned above and become responsible for orientation, elevation, offset and level of all signs erected.

S-630.05--Final Cleaning Up. The Contractor will be required to remove all rejected and unused materials and debris from the right-of-way. He shall restore shoulders and slopes to their original condition. Excess excavation shall be disposed of off the right-of-way at the Contractor's own expense unless otherwise directed by the Engineer. Before final inspection the Contractor shall perform such touching up of paint finishes, cleaning of exposed sign and support surfaces and other cleaning up as may be necessary to ensure the effectiveness and neat appearance of the work.

S-700 – Materials and Tests

S-700.01--General.

Unless otherwise provided, all materials furnished which are to remain in place after final acceptance shall be new and unused before incorporation into the work, except that crushed reclaimed concrete pavement meeting the requirements of S-703, as amended, may be used to produce aggregate for all hot mix asphalt pavements. When allowed by the specifications, Recycled Asphalt Pavement (RAP) may be used in the manufacture of hot mix asphalt pavements.

S-700.02--Glossary of Terms and Definitions.

Aggregate - Inert material such as sand, gravel, lightweight aggregates, broken stone, slag, or combinations thereof.

Argillaceous - Containing or consisting of clay.

Asphaltic Cement - A product of the refining of crude oil to form a residue which is used usually without the addition of more than a small quantity of flux or any liquifying agent of a higher volatile material than the residue itself.

Calcareous Material - A material containing more than 50 percent calcium type material.

Cementitious Material - Portland cement, or blend of portland cement and pozzolan material used as the bonding agent in portland cement concrete. Cementitious shall mean “as having cementing properties”.

Clay - The fraction of a soil finer than 0.005 mm that is more or less plastic when wet.

Compaction - The process of obtaining the density of a soil or material.

Contemplated Mean Value (CMV) - The CMV is the desirable average or target value that is designated between extreme limits that are tolerable in materials or workmanship.

Crusher Run - The product of a crushing plant that has not been rescreened or separated into various sizes.

Cutback Asphalt - An asphaltic material obtained from the refining of petroleum by adding to or fluxing the residue from distillation with volatile petroleum fractions to produce a uniform mixture which is capable of becoming quite fluid at relatively low temperatures.

Fineness Modulus - An empirical factor obtained by adding the total percentages of aggregate retained on the Nos. 100, 50, 30, 16, 8, 4, 3/8", 3/4", 1 1/2", and 3" sieves and dividing the sum by 100.

Frame - The part of the work or materials for which the same quality characteristics are specified, such as a base course, an aggregate stockpile, a hot bituminous pavement course, etc.

Gravel - The granular, pebbly material (usually retained on a No. 8 sieve) resulting from the natural disintegration of rock.

Increment - The smallest unit(s) set aside for the sampling and testing process.

Liquid Limit (LL) - The water content, expressed in percentage by weight of the oven dried soil, at which the soil passes from a plastic to a liquid state when subjected to a standard method of determining liquid limit of soils.

Loess - Wind-blown, yellowish-brown loam having little or no stratification.

Lot - A subdivision of a frame, representing a designated quantity of work or materials, and is the unit of such work or materials which will be accepted or rejected.

Mechanical Analysis - The determination of the size and grading of soil particles by standard tests.

Optimum Moisture - The moisture content necessary to obtain the standard density of a soil.

Overburden - Refers to soil or similar material directly above a deposit of rock, sand, gravel, or select material.

Pea Gravel - That portion of uncrushed gravel passing a 3/8 inch sieve and retained on a No. 8 sieve.

Plastic Limit (PL) - The water content, expressed in percentage by weight of the oven-dried soil, at which a soil passes from a solid or semi-solid state to a plastic state when subjected to a standard method of determining plastic limit of soils.

Plasticity Index (PI) - The range of water content through which the soil remains in a plastic condition. This term is the numerical difference between the liquid limit and plastic limit and is a measure of cohesion.

Portland Cement Concrete - A concrete mixture composed of cementitious materials, water, fine aggregate, coarse aggregate and possibly admixture(s).

Sample - The portion taken from a lot and considered to represent the whole or a designated portion of the lot. It may consist of one or more increments or a fractional part of one or more combined increments.

Sand - A fine granular material resulting from the natural or mechanical disintegration of rock. Depending on its use, material may be classed as sand if it passes the 3/8 inch, No. 4 or No. 10 sieve.

Sand Clay - A mixture of sand and clay often found blended so that their opposite qualities tend to maintain a condition of stability under varying moisture contents.

Screenings - Broken rock, limestone, slag, or other material, including the dust, of a size that will pass a 1/2 inch sieve.

Selected Material - Material from approved sources, for use in subbases, bases, or for other specified use.

Shale - A fissile rock formed by the consolidation of clay, mud, or silt having a finely stratified or laminated structure.

Shrinkage Limit (SL) - The maximum calculated water content of a soil at which a reduction in water content will not cause a decrease in the volume of the soil mass.

Sieves - Sieves for testing purposes conforming to the requirements of the standard Specifications for Sieves for Testing Purposes of the AASHTO Designation: M 92.

Silt - The finer particles of organic or rock substance, ranging in size from 0.05 mm to 0.005 mm.

Slag - The nonmetallic product thrown off from molten ore or metal or other processes and used as fine or coarse aggregate.

Soil - A natural aggregate of mineral grains, with or without organic constituents, that can be separated by gentle mechanical means such as agitation in water.

Spall - A relatively small piece or fragment broken from rock, concrete, or other material.

Specific Gravity - The ratio of the weight of a volume of some substance to the weight of an equal volume of substance, usually water, taken as a standard or unit.

Standard Density (Standard Compaction) - The maximum dry unit weight in pounds per cubic foot obtained by the compactive effort exerted under the applicable test designation as provided in S-700.03.

Sublot - The smallest unit(s) set aside from a lot for the sampling and testing process.

Test Portion - The actual quantity of material tested--may be in some instances the whole of the sample or in other instances only a quartered or other portion of the sample.

Test Result - The value of the specified characteristic obtained from testing a single test portion.

Test Value -The value determined as being the test result when only one test is required to satisfy a specified condition, or the average of the test results on two or more test portions of a lot, or a designated portion thereof.

Volume Change (VC) - The decrease in volume of the soil mass when the water content is reduced from a given percentage to the shrinkage limit.

Water-Cement Ratio - The ratio of the weight of water used, including free moisture in the aggregate, to the weight of cementitious material.

Other Definitions - Other applicable definitions as prepared by the Special Committee on Nomenclature and adopted by AASHTO.

S-700.03--Sampling and Testing. Sampling and testing for acceptance and control of materials may be performed at any time prior to incorporation in the work. Sampling and testing for control and acceptance of a work item will be performed progressively as sections of the work item are being constructed or completed, as applicable.

Unless otherwise designated, all tests will be made in accordance with applicable standard methods of AASHTO, ASTM, Federal Specifications, or approved Mississippi Test Methods in effect on the date of advertisement for bids.

S-700.04--Determination of Conformity. The determination of conformity with each required measurable characteristic under the intent of S-105.03 will be made in accordance with the following:

All test values or test results used to determine compliance will be rounded off to the nearest decimal point as expressed in the specification for the particular characteristic under consideration. Fractions beyond the point of rounding amounting to less than 0.50 will be dropped. Similar fractions amounting to more than 0.50 will be rounded off by increasing the last digit within the rounding. Similar fractions, amounting to even 0.50 will be rounded toward the specifications by dropping, or by increasing the last digit within the rounding, as applicable.

The various frames of materials or work will be divided into lots as specified for frequency of sampling and testing, as necessary.

In the case of borderline quality products or a demonstrated trend toward borderline quality products, the Engineer will require the Contractor to improve the quality of the materials or work to more nearly conform to the specifications and may require a suspension of the operations which have resulted in the borderline product or the trend toward borderline quality until such corrective measures have been taken as deemed necessary to produce the contemplated quality products.

All increments of tests for determination of acceptance will be taken by random sampling. However, during or as a result of visual inspection, the Engineer will take increments for testing for progress checks or spot checks at any time and place he may deem necessary to determine weak spots or other progress information. The results of any such progress or spot checks may be used to determine whether or not additional work or corrective action is considered necessary prior to acceptance testing.

Minimum and maximum requirements in these specifications are set out on the basis that the desirable average test value of the materials or work is appreciably above the minimum requirement or appreciably below the maximum requirement established.

S-700.05--Material Certifications and Certified Test Reports. All certifications and certified test reports shall meet the requirements set forth herein except.

S-700.05.1--Certifications. All certifications shall:

- (a) Have letterhead of the manufacturer, producer, supplier, or fabricator.
- (b) Include the project number.
- (c) Itemized list of materials covered by the certification.
- (d) Contain a material conformance statement which certifies that the materials conform to the specific specification requirements. Example: I/We hereby certify the materials listed herein conform to the requirements of S-714.13.
- (e) Signature of a responsible company official.

S-700.05.2--Certified Test Reports. All certified test reports shall:

- (a) Have letterhead of the manufacturer, producer, supplier, fabricator, or laboratory.
- (b) Include name and description of material, lot, batch or heat number, etc., as applicable.
- (d) Show results of each required test, and state that the test was run according to the test method specified.
- (e) Signature of the responsible laboratory official.

S-701 – Hydraulic Cement

S-701.00--General. The following requirements shall be applicable to hydraulic cement:

1. Different brands of cement, or the same brand of cement from different mills, shall not be mixed or used alternately in any one class of construction or structure, without written permission from the Engineer; except that this requirement will not be applicable to cement treatment of design soils, subbases, or bases.
2. The Contractor shall provide suitable means for storing and protecting the cement against dampness. Cement, which for any reason, has become partially set or which contains lumps of caked cement will be rejected. Cement salvaged from discarded or used bags shall not be used.
3. The temperature of bulk cement shall not be greater than 165°F at the time of incorporation in the mix.
4. One barrel (bbl) of cement shall be equivalent to four bags or 376 pounds.
5. Low-alkali cement, with maximum sodium and potassium oxides of 0.6%, will be furnished in all types.
6. Except when otherwise specified or prohibited, either Type I, IP or II portland cement shall be used. Type III portland cement may be used in the production of precast or prestressed concrete members.
7. Acceptance of hydraulic cement will be based on the certification program and job control sampling and testing as established in the SOP.
8. Retests of cement may be made for soundness and expansion within 28 days of test failure and, if the cement passes, it may be accepted. Cement shall not be rejected due to failure to meet the fineness requirements if upon retests after drying at 100°C for one hour, it meets such requirements.

S-701.01--Portland Cement. Portland cement shall conform to the requirements of AASHTO Designation: M 85 with the following exceptions:

The maximum values for the fineness of the grind as set out in Table 2 of AASHTO M 85 are hereby waived for Type I cement to be used in the production of prestressed concrete members.

When Portland cement concrete or cement for soil stabilization is exposed to moderate or severe soluble sulfates, or to seawater, cement types and/or replacement of cement by Class F fly ash (FA) or ground granulated blast furnace slag (GGBFS) shall be as follows:

Cementitious Materials for Soluble Sulfate Conditions

Sulfate Exposure	Water-soluble sulfate (SO ₄) in soil, % by mass	Sulfate (SO ₄) in water, ppm	Cementitious material required
Moderate and Seawater	0.10 - 0.20	150 - 1500	Type II cement or Type I cement with 25% Class F, FA or 50% GGBFS replacement
Severe	0.20 - 2.00	1500 - 10,000	Type II cement with 25% Class F, FA or 50% GGBFS replacement

S-701.02--Masonry Cement. Masonry cement shall conform to S-701.00 and ASTM Designation: C 91.

S-701.03--Blended Hydraulic Cement. When permitted in the contract, blended hydraulic cement shall conform to S-701.00 and AASHTO Designation: M 240.

SECTION S-702 - BITUMINOUS MATERIALS

S-702.00--Bituminous Materials.

S-702.01--General. Bituminous materials shall include asphalt cement, cutback asphalt, or emulsified asphalt and shall meet the requirements of the applicable specifications. The material furnished for any item in any one contract shall be of one brand, type, and grade, unless special permission is obtained otherwise. Materials furnished shall exhibit uniform characteristics.

When more than one grade of material is called for under any item, the Contractor, with the approval of the Engineer, will select the grade to be used.

All testing will be performed in accordance with applicable AASHTO methods unless specifically modified by a Mississippi Test Method (MT____).

Bituminous material shall not be heated during the process of its manufacture, or during construction, to a temperature which causes injury as evidenced by the formation of carbonized particles.

Bituminous material wasted through careless handling or material that has been rendered unfit for use by overheating or long continued heating will not be paid for, and the use of such unfit material will not be permitted.

S-702.02--Measurement. Volumetric measurement of bituminous materials by the U.S. gallon will be based upon a temperature of 60°F. Corrections to this temperature for asphalt cement, cutback asphalts and emulsified asphalt will be made in accordance with the Temperature Correction Tables set out in the MDOT State Aid Standard Operating Procedures.

For purposes of measurement, a U.S. gallon shall be a volume of 231 cubic inches.

When bituminous material is to be paid for by the gallon, the distributor tank(s) or storage tank(s), as applicable, to be used for measurement shall be calibrated by an agency and in a manner approved by MDOT. Each tank shall have an identifying serial number on a steel plate welded or riveted to the tank. In the event the Contractor does not have a calibration chart, previously made by an approved agency, Contractor should perform the calibration and furnish required charts.

The measurements shall be taken when the bituminous material is of a uniform temperature and free of air bubbles. In no case shall the total number of gallons of bituminous material allowed for a tank exceed the capacity of the tank as rated by either the U. S. Interstate Commerce Commission, the State Tax Commission, or MDOT.

S-702.03--Heating Bituminous Material. Tanks for heating and storage of bituminous materials shall be capable of heating the material to the specified temperature under effective and positive control at all times. The heating system shall provide uniform heating for the entire contents of the tank. The circulating system shall be adequate to insure proper and continuous circulation of the material during the entire operating period. Suitable means shall be provided, either by steamjacketing or other insulation, for maintaining the specified temperature of the bituminous material in the lines, meters, weigh buckets, spray bars, and other containers or flow lines.

Thermometers of approved type and adequate range, calibrated in 5°F increments, shall be located at points readily visible. These thermometers shall be kept clean and in good condition at all times.

Where storage tanks are required, the capacity shall be sufficient for at least one day's run.

The heating of bituminous materials shall be rigidly maintained at the "lowest workable temperature."

S-702.04--Sampling. Sampling of bituminous materials will be in accordance with AASHTO Designation: T 40.

S-702.05--Petroleum Asphalt Cement. Asphalt cement shall be homogeneous, free of water and shall not foam when heated to a temperature of 175°C.

Except for use in hot mix asphalt, asphalt cement of the grade specified shall conform to the requirements of S-702.12, Table I or II.

Bituminous material conforming to AASHTO Designation: M 320, Grade PG 58-28 may be used in lieu of petroleum asphalt cement, Grade AC-10.

The bituminous material used in all types of hot mix asphalt shall conform to AASHTO Designation: M 320, Performance Grade PG 67-22, as modified in the table below, except when otherwise specified or when polymer modified hot mix asphalt is specified.

Specifications For Performance Graded Asphalt Binders Not Addressed By AASHTO M 320

	Grade	
Property	PG 67-22	
	Specification	Test Method, ASSHTO
Original Binder		
Flash Point Temperature	minimum 230°C	T 48
Rotational Viscosity	maximum 3 Pa·s @ 135°C	T 316
Dynamic Shear, G*/sin δ	minimum 1.00 kPa @ 67°C	T 315
Rolling Thin Film Oven Residue (AASHTO Designation: T 240)		
Mass Loss (RTFO)	maximum 1.00 %	T 240
Dynamic Shear, G*/sin δ	minimum 2.20 kPa @ 67°C	T 315
Pressure Aging Vessel Residue (AASHTO Designation: PP1)		
Dynamic Shear, G* sin δ	maximum 5000 kPa @ 26.5°C	T 315
Creep Stiffness, S	maximum 300 MPa @ -12°C	T 313
m-value	minimum 0.300 @ -12°C	T 313

The bituminous material used in polymer modified hot mix asphalt shall conform to AASHTO Designation: M 320, Grade PG 76-22 or PG 82-22. Unless otherwise indicated in the contract, Grade PG 76-22 will be used in polymer modified hot mix asphalt.

Asphalt cement Grade PG 76-22 & PG 82-22 shall be the product resulting from the addition of a polymer modifier to a PG 67-22 or lower grade asphalt cement and not by some other refining technique. The polymer shall meet the requirements of S-702.08.3.

S-702.06--Cutback Asphalts. Cutback asphalt shall consist of a liquid asphalt produced by the fluxing of an asphaltic base with a suitable distillate. It shall be of uniform consistency, free of water, and shall show no separation or curdling prior to use; and shall conform to the following requirements.

S-702.06.1--Rapid-Curing Cutback Asphalt. AASHTO Designation: M 81.

S-702.06.2--Medium-Curing Cutback Asphalt. AASHTO Designation: M 82. The standard naphtha solvent

shall be used when the spot test is performed.

S-702.07--Emulsified Asphalt. Emulsified asphalt shall be homogeneous, showing no separation of asphalt, limits for settlement excepted, after thorough mixing, within 30 days after delivery.

Emulsified asphalts which have been subjected to freezing temperatures while in storage shall be retested and acceptance of the material shall be based on the results of such retest.

Emulsified asphalts, of the grade specified, shall conform to the following requirements:

S-702.07.1--Emulsified Primes. Emulsified Primes shall conform to the requirements of S-702.12, Table III.

S-702.07.2--Anionic and Cationic. Anionic and Cationic Emulsion shall conform to the requirements of AASHTO Designation: M 140 and AASHTO Designation: M 208, respectively, with the following exceptions.

Exception: The required tests on residue may be performed on residue obtained by evaporation at 325°F., three hours, 50 grams, after filtering through a No. 50 sieve; however, in the event of the failure of any test performed on this residue, the emulsion shall be distilled and the test repeated on the residue so obtained.

S-702.07.3--Polymer Modified Cationic Emulsified Asphalt (CRS-2P). Polymer Modified Cationic Emulsified Asphalt shall conform to the requirements of AASHTO Designation: M 316.

S-702.08--Asphalt Additives.

S-702.08.1--Asphalt Antistrip Additives. The antistrip additive shall meet the following properties:

1. The bituminous mixture (with antistrip additive) when tested in accordance with Mississippi Test Method MT-63, shall yield a minimum Tensile Strength Ratio (TSR) of 85 and must show an increase in indirect tensile strength for a water conditioned specimen; and by visual examination of the interior faces of the water conditioned specimen, the proportion of stripped aggregate particles shall not exceed five (5) percent.
2. The rate of application shall be determined for each job-mix formula during the mix design process using Mississippi Test Method MT-63.

3. A stripping test, MT-63, will be performed for each job-mix formula at the beginning of plant production and thereafter, no less than one test per two week's production. A minimum of one stripping test per day of production according to Mississippi Test Method MT-59 shall also be conducted. Should either the TSR (MT-63) or the boiling water (MT-59) stripping test fail, a new antistrip rate shall be established or other changes made immediately that will result in a mixture which conforms to the specifications; otherwise, production shall be suspended until corrections are made.

The antistrip additive shall not present any difficulties in mixing of the liquid asphalt with the particular aggregates proposed for use.

The liquid asphalt and antistrip agent mixture shall meet the viscosity requirements for the grade of liquid asphalt used in the paving mix.

S-702.08.2--Silicone. When specified or permitted, silicone with a viscosity of 1,000 centistokes at 77°F shall be added to the asphalt cement at the rate of one ounce per 5,000 gallons.

S-702.08.3--Polymers. The polymer shall be a Styrene Butadiene Styrene (SBS), a Styrene Butadiene Rubber (SBR) or an equal approved by the Engineer. The polymer shall be thoroughly blended with the asphalt cement at the refinery or terminal prior to shipment to the hot-mix plant. Producers of polymer modified asphalt cement must be listed on MDOT's Approved List of Suppliers of Polymer Modified Asphalt Cement. The producer of the polymer modified asphalt cement shall perform or have performed by an approved laboratory all tests contained in AASHTO Designation: M 320 on a lot basis. A lot shall consist of one (1) refinery or terminal storage tank not to exceed

225,000 gallons. The Producer shall furnish two copies of a certified test report (one copy for the Contractor and one copy for the Engineer) with each shipment. The certified test report shall contain the following:

4. Test results showing complete conformance to AASHTO Designation: M 320.
5. Type and percentage of polymer added.
6. A statement certifying that the transport vehicle was inspected prior to loading and was found to be empty.
7. A statement certifying that the shipment conforms to Mississippi Department of Transportation specifications for the grade of polymer modified asphalt cement specified.
8. A copy of the temperature-viscosity curve attached to the certified test report.

Crumb rubber used as a polymer modifier shall meet the following additional requirements:

Crumb rubber shall be produced by ambient grinding methods. The rubber shall be sufficiently dry so as to be free flowing and to prevent foaming when mixed with asphalt cement. The rubber shall be free of contaminants including fabric, metal, minerals and other non-rubber substances. Up to four percent, by weight of rubber, of talc, such as magnesium silicate or calcium carbonate, may be added to prevent sticking and caking of the particles.

The crumb rubber shall be tested in accordance with AASHTO Designation: T 27 with the following exceptions: a 100-gram sample size and up to 25% dusting agent (talc). Rubber balls may also be used to aid in the sieving of finely ground rubber. The resulting rubber gradation shall meet the gradation limits shown herein.

<u>Gradations of Crumb Rubber Type A</u>	
<u>Sieve Size</u>	<u>% Passing</u>
10	--
20	--
30	--
40	100
60	98-100
80	90-100
100	70-90
200	35-60

The specific gravity of the rubber shall be 1.15 ± 0.05 when tested in accordance with ASTM Designation: D 297, pycnometer method.

The moisture content shall be determined in accordance with AASHTO Designation: T 255, with the exception that the oven temperature shall be $140 \pm 5^{\circ}\text{F}$ and the weight of the sample shall be 50 grams. The moisture content shall not exceed 0.75% by weight.

No more than 0.01% metal particles shall be detected when thoroughly passing a magnet through a 50-gram sample.

The chemical composition of the crumb rubber shall be determined in accordance with ASTM Designation: D 297 and shall meet the following requirements:

Acetone Extract	Maximum 25 percent
Rubber Hydrocarbon Content	40 to 55 percent
Ash Content	Maximum 10 percent
Carbon Black Content	20 to 40 percent
Natural Rubber	16 to 34 percent

Crumb rubber meeting these specifications shall be supplied in moisture resistant packaging such as either disposal bags or other appropriate bulk containers. Each container or bag of crumb rubber shall be labeled with the manufacturer's designation for the rubber and the specific type, maximum nominal size, weight and manufacturer's batch or lot designation.

The producer of the polymer modified asphalt cement shall furnish the Engineer one copy of the manufacturer's certified test results covering each shipment of crumb rubber. These reports shall indicate the results of tests required by this specification. The reports shall also include a certification that the material conforms with the specifications, and shall be identified by manufacturer's batch or lot number.

S-702.09 and S-702.10--Blank.

S-702.11--Application Temperatures. Bituminous materials for the several applications indicated in the specifications shall be applied within the temperature ranges shown in S-702.12, Table IV.

S-702.12--Tables.

TABLE I
SPECIFICATIONS FOR ASPHALT CEMENT (PETROLEUM)

Test	*AC-5		AC-10		**AC-13	
	Min.	Max.	Min.	Max.	Min.	Max.
Viscosity @ 140°F, poises	400	600	800	1200		
Viscosity @ 140°F, poises	175	--	240	--		
Penetration @ 32°F					25	
Penetration @ 77°F, 100g, 5 sec.	140	--	80	—	65	90
Penetration @ 115°F						325
Flash Point COC, °F	400	--	425	—	450	--
Solubility in Trichloroethylene	99.0	--	99.0	—	99.0	--
Tests on Residue from Thin-Film Oven Test:						
Viscosity, 140°F, poises	---	2250	—	4500		
Ductility, 77°F, 5 cm per min. cm.	100	—	100	—	75	--
% Loss on Heating	---	1.0	---	0.5	—	0.5
Specific Gravity @ 60°F/60°F					1.0	
Spot Test: Standard Naphtha Solvent		Negative for all Grades ***				
Softening Point, °F (R & B)					110	

- NOTES: * When cut-back asphalt cement is to be produced as specified in S-702.06, this material shall be the base asphalt.
- ** This is an asphaltic material used primarily for sealing joints and cracks.
- *** If positive, the test must be rerun with a solution of 75% naphtha and 25% xylene.

TABLE II
SPECIFICATIONS FOR ASPHALT CEMENT (PETROLEUM) (Continued)

Test	*AC-5		AC-10		**AC-13	
	Min.	Max.	Min.	Max.	Min.	Max.
Viscosity @ 140°F (60°C), poises	1600	2400	2400	3600	3200	--
Viscosity @ 275°F (135°C), C _s	300	—	350	—	350	
Penetration @ 32°F (0°C)						--
Penetration @ 77°F (25°C) 100g, 5 sec.	60	--	50	—	40	--
Penetration @ 115°F (46°C)						
Flash Point COC, °F	450	--	450	—	450	--
Solubility in Trichloroethylene	99.0	—	99.0	—	99.0	--
Tests on Residue from Thin-Film Oven Test:						
Viscosity, 140°F (60°C), poises	---	9000	—	13500	—	18000
Ductility, 77°F (25°C), 5 cm / min., cm.	80	—	60	—	40	--
% Loss on Heating	---	0.5	---	0.5	—	0.5
Specific Gravity @ 60°F/60°F						
Spot Test: Standard Naphtha Solvent		Negative for all Grades *				
Softening Point, °F (R & B)						

NOTES: * If positive, the test must be rerun with a solution of 75% naphtha and 25% xylene.

TABLE III
SPECIFICATION FOR EA-1 PRIME

Test Requirements	Minimum	Maximum
Furol Viscosity @ 122°F	30	100
Water Content Xylene Distillation, %	3	8
Test on Residue from Distillation		
Ductility @ 77°F, cms.	40	
Solubility in Trichloroethylene, %	97.0	
Asphalt Cement, % of Total Primer	50.0	
Penetration @ 77°F, 100 g., 5 sec.	80	300

SPECIFICATION FOR AE-P PRIME

Test Requirements	Min.	Max.	AASHTO Test Method
25°C SFS Viscosity, sec.	10	50	T-59
5-Day Settlement, %	--	5	T-59
Total Distillate, % weight	--	55	T-59
Oil Distillate, % volume	--	12	T-59
Tests on Residue from Distillation: Distillation to 500°F (AASHTO T-59)			
60°C Float Test, sec.	20	--	T-50
Solubility in TCE, %	97.5	--	T-44

TABLE IV
WORKING TEMPERATURES FOR BITUMINOUS MATERIALS

Bituminous Materials	Temperature, °F			
	Spraying		Mixing	
	Min.	Max.	Min.	Max.
Asphalt All Cements	275	350	225	350
Cutback Asphalts RC & MC				
30	80	150	60	105
70	80	150	95	140
250	100	200	135	175
800	195	270	165	205
3000	235	300	200	240

S-703 -- Aggregates

S-703.01--General. All aggregate sources shall be approved by the Engineer prior to use. All approved aggregate sources will be re-examined periodically for conformance to the quality requirements set herein.

When reference is made to the Los Angeles Test (AASHTO Designation: T 96), the percentage of wear is based on 500 revolutions, unless otherwise specified.

The term "thin or elongated piece" is intended to mean a piece whose length is more than five times its average thickness. Suspected pieces will be chosen from a representative sample, and the length and average thickness will be determined visually.

The term "fractured face" is intended to mean that the approximate area of a fractured face shall not be less than the approximate cross-sectional area at the minor axis of the particle: This area will be visually determined. A piece of aggregate with a small chipped area will not be considered as crushed.

These general provisions shall apply, as applicable, to all the subsections of this section.

S-703.02--Fine Aggregate For Portland Cement Concrete.

S-703.02.1--General Requirements. Fine aggregate for portland cement concrete used in construction of culverts, headwalls, retaining walls, steps, or other minor structures shall consist of natural sand or manufactured limestone sand. Fine aggregate used in major construction, such as concrete pavements and bridges, shall be natural sand unless otherwise designated on the plans or in the special provisions. Natural sand, or manufactured limestone sand, shall be composed of clean, hard, durable, and uncoated particles free of deleterious substances and organic impurities. Fine aggregate from more than one source shall not be used alternately, or mixed, without the written consent of the Engineer. Approval of fine aggregate sources will be based on the following:

- (1) Soundness of aggregates shall meet the requirements set-out in S-703.02.2.3.
- (2) Expansion of mortar bars shall not exceed 0.5% in six months or 1.0% in one year when tested in accordance with ASTM Designation: C 227.

A source of sand may be rejected if experience proves that concrete made from the source does not have a satisfactory service record.

Unless indicated otherwise, fine aggregate shall meet the requirements hereinafter specified.

S-703.02.2--Detail Requirements.

S-703.02.2.1--Deleterious Substances. The quantity of deleterious substances shall not exceed the following limits:

<u>Deleterious Substances</u>	<u>Maximum Permissible Limits (% by Weight)</u>
Clay lumps	0.3
Coal and Lignite (see Note)	0.5
Material Passing the No. 200 sieve	2.0
Other deleterious substances such as shale, alkali, mica, coated grains, and soft and flaky particles	2.0
Total shale, coal, lignite, clay lumps, and other deleterious substances	3.0

Note: No coal or lignite will be permitted in the aggregate used for constructing superstructures of bridges.

S-703.02.2.2--Gradation Requirements. Fine aggregate for concrete shall be well graded from coarse to fine and shall conform to the following:

<u>Square Mesh Sieve</u>	<u>Percent Passing by Weight</u>
1/2 inch	100
3/8 inch	97-100
No. 4	92-100
No. 8	75-100
No. 16	45-90
No. 30	25-70
No. 50	3-35
No. 100	0-10

S-703.02.2.3--Soundness. When subjected to five cycles of soundness test by the use of magnesium sulfate (AASHTO Designation: T 104), the weighed percentage of loss shall not be more than 15.

S-703.02.2.4--Additional Requirements. Fine aggregate shall also meet the organic impurities and mortar-making properties specified in AASHTO Designation: M 6.

S-703.03--Coarse Aggregate For Portland Cement Concrete.

S-703.03.1--General Requirements. Coarse aggregate shall consist of gravel or crushed limestone unless otherwise designated or permitted on the plans or in special provisions.

The gravel or crushed limestone shall be hard, durable particles that are thoroughly clean, free from adherent coatings of injurious character, and reasonably free of soft or disintegrated pieces, frozen lumps, vegetable, or other deleterious matter. Coarse aggregate from more than one source shall not be used alternately, or mixed, without the written approval of the Engineer. Approval of coarse aggregate sources will be based on the following:

- (1) Soundness of aggregates shall meet the requirements set out in S-703.03.2.3.
- (2) Resistance to abrasion shall meet the requirements set out in S-703.03.2.2.
- (3) Expansion of mortar bars shall not exceed 0.5% in six months or 1.0% in one year when tested in accordance with ASTM Designation: C 227.

A source of coarse aggregate may be rejected if experience proves that concrete made from the source does not have a satisfactory service record.

S-703.03.2--Detail Requirements.

S-703.03.2.1--Deleterious Substances. The quantity of deleterious substances shall not exceed the following maximum limits:

Deleterious Substance	For General Use	For Bridge Superstructures
	(Percent by Weight)	
Shale	1.00	1.00
Coal, Lignite, or combination of the two	0.5	None
Clay lumps	0.3	0.3
Material passing the No 200 sieve:		
Limestone	1.5	1.5
Other Materials	1.0	1.0
Thin or elongated pieces		
(S-703.01) Soft fragments Free	15.0	15.0
Shells	3.0	3.0
Sticks (oven-dry)	1.0	1.0
Shale, coal, lignite, clay lumps, and soft fragments, total	None	None
Other deleterious substances	3.0	2.5
	1.0	1.0

S-703.03.2.2--Percentage of Wear. When coarse aggregate is subjected to the Test for Abrasion of Coarse Aggregate, AASHTO Designation: T 96, the percentage of wear shall not be more than 40.

S-703.03.2.3--Soundness. When subjected to five cycles of soundness test by the use of magnesium sulfate, the weighted percentage of loss shall not be more than 15.

S-703.03.2.4--Gradation. Coarse aggregate for cement concrete, of the type designated, shall be well-graded from coarse to fine, and shall conform to the following:

Table of Sizes and Gradation of Coarse Aggregate for Portland Cement Concrete

Square Mesh Sieves	Percent Passing (by Weight)			
	Size No. 467	Size No. 57	Size No. 67	Size No. 7
2 inch	100			
1-1/2 inch	95-100	100		
1-1/4 inch *				
1 inch		80-100	100	
3/4 inch	35-70		80-100	100
1/2 inch		25-60		90-100
3/8 inch	10-30		20-55	40-70
No. 4	0-5	0-10	0-10	0-15
No. 8		0-5	0-5	0-5

*NOTE: A maximum tolerance of three percent retained on the one-inch sieve will be allowed for aggregate Size No. 67 provided all of the material passes a one and one-fourth-inch sieve. This tolerance is not applicable for Class F and Class FX Concrete.

The gradation from any one source shall be reasonably uniform and not subject to the extreme limits of gradation shown in the table.

For the purpose of determining the degree of uniformity, a fineness modulus determination will be made upon representative samples from the sources proposed for use by the Contractor. Coarse aggregate from any one source, having a variation in fineness modulus greater than 0.20 from the approved base modulus of the source may be rejected or may be accepted subject to changes in the proportions used, as directed.

S-703.04--Aggregate for Crushed Stone Courses.

S-703.04.1--Coarse Aggregate. Coarse aggregate, defined as material retained on No.8 sieve, shall be either crushed stone, slag, granite, shell; gravel, or combination thereof. When the required properties of the mix are not obtained with uncrushed gravel, the addition of crushed gravel or other approved material is required.

Individual sources of coarse aggregate shall conform to the following quality requirements:

Percentage of wear shall not exceed 45 when tested in accordance with AASHTO Designation: T 96.

The coarse aggregate shall have a minimum dry rodded unit weight of 70 pounds per cubic foot when tested in accordance with AASHTO Designation: T 19.

S-703.04.2--Fine Aggregate. Fine aggregate, defined as material passing no. 8 sieve, shall consist of hard, durable particles of naturally disintegrated rock, or material obtained by crushing stone, slag, gravel or combination thereof. Fine aggregate, when manufactured, shall be manufactured from material meeting the quality requirements for coarse aggregate, and it shall be free of lumps of clay and friable particles, loam, organic or foreign matter.

Individual sources of fine aggregate shall be non-plastic when tested in accordance with AASHTO Designation: T 90.

Natural deposits of fine aggregate shall contain no more than 10 percent by weight passing the No. 200 sieve when tested in accordance with AASHTO Designation: T 11.

Fly ash, when used as a portion of the fine aggregate to obtain desired properties of the mixture, shall be from an approved source.

When the fine aggregate is combined with other aggregate fractions in the proper proportion, the resultant mixture shall meet the requirements of S-703.04.3 and the job-mix formula.

S-703.04.3-Gradation. Aggregates for crushed stone shall be well-graded from coarse to fine, and shall conform to the following:

TABLE OF SIZES AND GRADATION OF CRUSHED STONE AGGREGATE

Sieve Size	Percent Passing by Weight		
	Size ¾ inch and Down	Size No. 610	Size No. 825 B
2 inch			100
1 1/2 inch		100	90 - 100
1 inch	100	90 - 100	75 - 98
¾ inch		70 - 100	
1/2 inch		62 - 90	60 - 85
3/8 inch	50 - 85	50 - 80	
No. 4	35 - 65	40 - 65	40 - 70
No. 8			28 - 54
No. 10	25 - 50		
No. 16			19 - 42
No. 40	15 - 30	12 - 26	
No. 50			9 - 32
No. 200	5 - 15	5 - 12	4 - 18

S-703.05--- Blank.

S-703.06--Aggregates for Hot Mix Asphalt.

S-703.06.1--Coarse Aggregates. Coarse aggregate, material retained on the No. 8 sieve, shall be either crushed stone, slag, or granite; shell; expanded clay; expanded shale; crushed gravel or combination thereof. Crushed reclaimed concrete pavement shall also be allowed as a coarse aggregate provided it meets the quality requirements below and the final product produced therefrom meets all other specification requirements.

The percentage of wear shall not exceed 45 when tested in accordance with AASHTO Designation: T 96.

When tested in accordance with AASHTO Designation: T 19, the dry rodded unit weight of all aggregates except expanded clay and shale shall not be less than 70 pounds per cubic foot, and crushed slag used in the surface course shall have a dry rodded unit weight of not more than 90 pounds per cubic foot except the maximum unit weight is waived for chromium slag.

The coarse aggregate shall be free of any injurious coating which will prohibit the adherence of asphalt to the aggregate particles.

The percentage of loss shall not exceed 20 when tested for soundness using magnesium sulfate in accordance with AASHTO T 104.

Shell shall consist of durable, washed particles of dead clam or dead reef oyster shell, or combination thereof. The shell shall be free of objectionable matter such as sticks, mud, clay lumps, cannery or live shell, or other deleterious matter. Not more than five percent by weight of the dredged material shall pass the No. 200 sieve; any such material shall be dispersed throughout the mass.

S-703.06.2--Fine Aggregates. Fine aggregate, material passing the No. 8 sieve, shall consist of hard, durable particles of naturally disintegrated rock, or material obtained by crushing stone, slag, gravel, reclaimed concrete pavement, or combinations thereof. Fine aggregate produce from crushing reclaimed concrete pavement shall be manufactured from material meeting the quality requirements for coarse aggregate.

Fine aggregate shall be free of lumps of clay and friable particles, loam, organic or foreign matter.

Fine aggregate produced by crushing stone, slag or gravel shall be manufactured from aggregate meeting the quality requirements of coarse aggregate.

Individual sources of fine aggregate shall be non-plastic when tested in accordance with AASHTO Designation: T 90.

Natural deposits of fine aggregate shall contain no more than 10 percent by weight passing the No. 200 sieve when tested in accordance with AASHTO Designation: T 11.

Individual fine aggregate components shall be of such consistency and dryness that a uniform and even flow from the cold feed will be provided.

Fly ash shall not be used in hot mix asphalt pavements.

S-703.07--Granular Materials.

S-703.07.1--General. Granular materials shall be composed of a natural or manufactured mixture of soil binder and sand; soil binder, sand and gravel; stone; slag; or combinations thereof. The mixture shall have satisfactory cementing qualities and shall be homogeneous in character and reasonably free of clay balls, vegetable matter, or other deleterious substances that cannot be classed as serviceable.

To insure adequate soil drainage through the shoulders, no material used above the design soil in the construction of shoulders shall have a minus No. 200 sieve fraction, liquid limit, or plasticity index appreciably exceeding like characteristics in the adjacent subbase or base courses.

S-703.07.1.1--Fine Aggregate (Portion Passing The No. 10 Sieve). The fine aggregate shall be composed of a natural or artificial mixture of soil binder and granular material.

The soil binder shall be clay or silt or other materials, or combinations thereof having satisfactory cementing qualities, homogeneous in character, and reasonably free of vegetable matter, clay balls, or other deleterious substances that cannot be classed as serviceable. The granular portion shall be composed of sand, stone, or slag screening and shall be hard and durable and preferably sharp.

S-703.07.1.2--Coarse Aggregate (Portion Retained on the No. 10 Sieve). The coarse aggregate shall be composed of gravel, stone, slag, or combinations thereof, and shall consist of hard, durable particles reasonably free of vegetable matter or other deleterious substances. Materials that break up and weather rapidly when alternately frozen and thawed or wetted and dried shall not be used.

Coarse aggregate, when tested in accordance with AASHTO Designation: T 96, shall have a percentage of wear not to exceed 50.

S-703.07.2--Gradation. The gradations shown in the following tables are the maxima and minima for all sources, and the gradation from any one source shall be reasonably uniform and not subject to the extreme limits in the tables. It shall be the responsibility of the Contractor to furnish a material which will have sufficient silt and clay, within the ranges permitted in the tables, to insure that the material will, when processed as specified, bind together and form a stable course and will, when properly compacted, have the required density.

The gradation of the composite mixture shall meet the applicable requirements of the following tables:

Percentage (by weight) Passing Square Mesh Sieves

Class	1 & 2	3 & 4	5 & 6	7	8	9	10
Passing							
3 inch	100	100	100	100	100	100	100
1-1/2 inch	85-100	85-100	85-100				
1 inch	65-100	65-100	65-100				
1/2 inch	35-90	35-90	35-100				
No. 4	30-70	30-75	30-85				
No. 10	30-50	30-57	30-65	30-100	30-100	30-100	30-100

Note: The minimum percentage passing the No. 10 sieve may be lowered to 25% by the Engineer if proper placement characteristics and stability can be obtained by the coarser gradation.

Material Passing the No. 10 Sieve

Class	1	2	3	4	5	6	7	8	9	10
No. 10	100	100	100	100	100	100	100	100	100	100
No. 40	20-80	20-90	20-90	20-90	20-100	20-100	40-80	20-85	20-100	20-100
No. 60	15-70	15-80	15-80	15-80	15-80	15-80	30-70	15-70	15-85	15-100
No. 200	8-40	6-40	8-40	6-40	8-40	6-40	10-40	8-40	6-40	8-60

Material Passing the No. 40 Sieve shall meet the following:

Group Symbol	LL Max.	PI	
		Min.	Max.
A B C	25		6
**D	25		8
**E	30		10
	35		15
	35	6	15

General Note: Material will be designated in the contract by Class _____, Group _____.

- ** In the case of Group D material, the range of PI shall be no more than nine in any half-mile section. When Group E material is specified in the contract, that portion to be treated with cement may be less plastic or non-plastic except that the range in PI shall be no more than nine in any half-mile section.

S-703.07.3--Sampling and Testing. The material shall be sampled and tested as outlined in S-700.03.

S-703.08--Mechanically Stabilized Courses. Specified aggregates meeting the requirements of S-703.20 when combined with soils or other aggregates as required will be tested for gradation and plasticity of the composite mixture.

In the case of gravel, stone, or slag aggregates or combinations thereof, the composite mixture will be designated in the contract as Type A, Type B, or Type C. In the case of reef shell or clam shell aggregates or combinations thereof, the composite mixture will be designated in the contract as Type D.

The composite mechanically stabilized mixture of the type and group specified in the contract shall meet the following requirements:

Percentage (by weight) Passing Square Mesh Sieves				
Type	A	B	C	D
3 inch	100	100	100	95 - 100
1-1/2 inch	85 - 100	85 - 100	85 - 100	
1 inch	65 - 100	65 - 100	65 - 100	
1/2 inch	35 - 90	35 - 90	35 - 100	
No. 4	30 - 70	30 - 75	30 - 85	
No. 10	30 - 50	30 - 57	30 - 65	55 (Max.)
No. 40				

Material Passing the No. 40 Sieve shall meet the following:

Group Symbol	LL Max.	PI	
		Min.	Max.
A B C	25	6	6
**D	25		8
**E	30		10
	35		15
	35	6	15

Note: Desired product will be designated in the contract as Type _____, Group _____

- ** In the case of Group D material, the range of PI shall be no more than nine in any half-mile section. When Group E material is specified in the contract, that portion to be treated with cement may be less plastic or non-plastic except that the range in PI shall be no more than nine in any half-mile section.

S-703.09 thru S-703.13 -- Blank.

S-703.14--Aggregate for Bituminous Surface Treatments.

S-703.14.1--General Requirements. Aggregate for bituminous surface treatments and liquid seals shall consist of crushed stone, crushed slag, gravel, or expanded clay as specified in the contract.

Only one kind and type of aggregate shall be used on a single course unless otherwise authorized in writing by the Engineer.

S-703.14.2--Detail Requirements.

S-703.14.2.1--Gradation. Aggregates shall conform to the gradation requirements contained in the following table:

GRADATION REQUIREMENTS FOR COVER AGGREGATE

Square Mesh Sieve	Coarse Aggregate Cover Material			Seal Aggregate Cover Material			
	Slag, Stone, Granite or Gravel (Crushed or Uncrushed)			Slag, Stone, Granite or Crushed Gravel		Slag or Expanded Clay	
	Size No. 5	Size No. 56	Size No. 6	Size No. 7	Size No. 89	Size No. 7	Size No. 8
Percent Passing Square Opening Sieves							
1 1/2 inch	100	100					
1 inch	90-100	90-100	100				
3/4 inch	20-55	40-85	90-100	100		100	
1/2 inch	0-10	10-40	20-55	90-100	100	90-100	100
3/8 inch	0-5	0-15	0-15	40-85	90-100	40-85	85-100
No. 4		0-5	0-5	0-15	20-55	0-15	10-30
No. 8				0-5	5-30	0-5	0-10
No.16					0-10	0-5	0-5

The size coarse aggregate cover material and the size seal aggregate cover material shall be as specified in the bid schedule of the contract; however, only one type of aggregate shall be used unless otherwise authorized by the Engineer in writing.

S-703.14.2.2--All Materials. The quantity of deleterious substances shall not exceed the limits set out in S-703.03.2.1 for general use.

When subjected to five cycles of Soundness Test for Coarse Aggregate by use of magnesium sulfate, the weighted percentage of loss shall not be more than 15.

The percentage of wear, when tested for abrasion in accordance with AASHTO Designation: T 96, shall not be more than 40%.

S-703.14.2.3--Crushed Stone. Crushed stone shall consist of clean, tough, durable, uncoated fragments free from an excess of soft or disintegrated pieces.

S-703.14.2.4--Crushed Slag. Crushed slag shall be air-cooled slag consisting of angular fragments, reasonably uniform in density and quality, and reasonably free of dirt or other objectionable matter. Crushed slag shall have a

dry-rodded weight of 70 to 90 pounds per cubic foot when tested in accordance with AASHTO Designation: T 19 and shall not contain more than 10 percent by weight of glassy particles. The maximum unit weight is waived for chromium slag.

S-703.14.2.5--Crushed Gravel. Crushed gravel shall be composed of clean, tough, durable particles of gravel, free from excess dirt or other objectionable matter. At least 85% by weight of the particles retained on the No. 10 sieve shall have one or more fractured faces.

S-703.14.2.6--Uncrushed Gravel. Uncrushed gravel shall be composed of clean, tough, durable particles free from excess vegetable or other objectionable matter. It shall meet the requirements specified above for all materials as to deleterious substances.

S-703.14.2.7--Expanded Clay. Expanded clay aggregate shall be the product of a plant approved by the Engineer. It shall conform to the gradation requirements in the preceding table and to requirements of ASTM Designation: C 330, with the following exception: The loss by abrasion shall not be more than 40% when subjected to the Los Angeles Abrasion Test, AASHTO Designation: T 96.

When used for sealing joints, the soundness and abrasion requirements will be waived.

S-703.15--Blank.

S-703.16--Mineral Filler. Mineral filler shall consist of shell dust, limestone dust, portland cement, or other calcareous type materials having a high affinity for asphalt. The source of the material shall be approved by the Engineer.

Mineral filler shall meet the following gradation requirements:

Passing the No. 30 sieve, %	100
Passing the No. 50 sieve, not less than, %	95
Passing the No. 200 sieve, not less than, %	65

S-703.17--Blank.

S-703.18--Mortar Sand. Sand for mortar shall consist of hard, strong, durable, uncoated mineral or rock particles, free of injurious amounts of organic or other deleterious substances. It shall not contain, by weight, more than three percent clay or inorganic silt or combination thereof.

Mortar sand shall be uniformly graded from coarse to fine within the following limits:

<u>Sieve Size</u>	<u>% Passing</u>
No. 4	100
No. 8	97-100
No. 50	8-40
No. 100	0-10
No. 200	0-5

Mortar sand shall meet other requirements of AASHTO Designation: M 45.

S-703.19--Blank.

S-703.20--Aggregate for Stabilizer.

S-703.20.1--General Requirements. The material for stabilizer aggregate shall meet the requirements hereinafter specified for each type.

The gradation limits shown below are the maxima and minima for all cases, and a closer control appropriate to the job materials will be required for the specific project. Each type of aggregate shall be uniformly graded from coarse to fine. Skip-graded material will not be acceptable.

S-703.20.2--Detail Requirements.

S-703.20.2.1--Gravel, Stone, or Slag Coarse Stabilizer. Gravel or stone shall be composed of hard, tough, durable particles reasonably free of injurious or deleterious substances. The percentage of wear, when tested in accordance with AASHTO Designation: T 96, shall not exceed 50%. Slag shall be air-cooled slag, consisting of angular fragments, reasonably uniform in density and quality, and reasonably free of dirt or other objectionable matter. The weight shall be not less than 70 pounds per cubic foot. The percentage of wear, when tested in accordance with AASHTO Designation: T 96, shall not exceed 50%.

S-703.20.2.2--Shell. Shell shall consist of durable, washed particles of slaked clam or reef shell or combination thereof. The shell shall be free of objectionable matter such as sticks, mud, clay lumps, or other deleterious matter. Not more than four percent by weight of clay and sand will be permitted and such material shall be dispersed throughout the mass.

Clam shell shall consist of washed dead clam shell. Reef shell shall consist of washed dead oyster shell and not contain cannery or live shell.

S-703.20.2.3--Medium and Fine Stabilizer. Medium aggregate stabilizer and fine aggregate stabilizer shall consist of sand, stone, shell, and/or slag screenings.

Slag screenings, sand, or stone shall be composed of hard, durable particles reasonably free of injurious amounts of soft or flaky particles, dust lumps, organic, or other deleterious substances. Shell shall comply with the requirements set out S-703.20.2.2.

S-703.20.3--Gradation. The gradation of the various types of stabilizer shall be as follows:

PERCENT PASSING (BY WEIGHT)					
Type	Shell	Coarse		Medium	Fine
Material		Gravel, Stone, or Slag		Gravel, Stone, Slag or Shell	
Square Opening Sieves		Size I	Size II Note (1)		

2 1/2"	90-100				
2"		100			
1 1/2"		90-100	100		
1"		80-100	97-100		
3/4"		55-100	55-100		
1/2"		35-85	35-85	100	
3/8"		12-65	12-65	97-100	
No.4 Note (2)		0-30	0-30	92-100	
No. 10		0-8	0-8	80-100	100
No. 40				10-40	80-100
No. 60				0-20	30-100
No. 100					15-80
No. 200	0-5	0-4	0-4	0-5	0-30
PI Material					
Passing No. 40				6 or less	0

Note (1): Size II is intended for use in bases in which portland cement is used.

Note (2): Ground shell shall contain at least 97% passing the No. 4 sieve.

S-703.20.4--Stabilizer Aggregate, Local Materials. When local materials are designated for use as stabilizer aggregate, their requirements will be shown on the plans or in the special provisions.

S-703.21--Borrow Excavation. Borrow excavation shall be composed of a natural or manufactured mixture of sand, silt, and clay or combinations of sand, silt, clay, gravel or stone. The material shall have satisfactory cementing qualities, shall be reasonably free of vegetable matter or other deleterious substances that cannot be classed as serviceable, and shall be such that when properly compacted will form a dense mass. When rock or stone is used in the embankment, it shall be so graded and manipulated that the embankment will contain no appreciable interstices.

Borrow excavation from outside the right-of-way is divided into classes, each class conforming to the requirements set-out in the following table:

Class	1	2	3	4	5	6	7	8	9	10
Percent Passing No. 200 Sieve (Max.)	25	35	10	35	35	35	100	100	100	100
Fraction Passing No. 40 Sieve - Liquid Limit (Max.)	--	40	--	45	40	45	40	55	40	55
Plasticity Index, (Max.)	6	10	np	10	20	25	10	10	20	--

The Class of material will be specified in the contract.

When the contract contains a numerical designation after the class number, it shall be understood to indicate the requirement that the material shall have a minimum PI of not less than that indicated by the numerical designation. For example, Class 9-6 requires Class 9 material having a minimum PI of 6; or a Class 9-10 requires Class 9 material having a minimum PI of 10, etc.

When a minimum PI is specified, the maximum plasticity index and the maximum liquid limit, as indicated in the table, will be raised the numerical designation for minimum PI, except that in the case of Class 8 and Class 10 the maximum liquid limit shall remain as indicated in the table above.

For the design soil portion of the embankment all of the material shall pass a 3 inch sieve. Individual contracts may further restrict the maximum size of material in the top portion of the design soil.

SECTION S-708 - NON-METAL STRUCTURES

S-708.01--General. The structures covered in these specifications are for use as pipe culverts, precast box culverts, sidedrains, sewers, underdrains, and downspouts.

S-708.02--Concrete Pipe. Unless otherwise specified, pipe and tile shall conform to the requirements hereinafter set forth. When more than 20% of the pipe in a lot is rejected, the entire lot of pipe will be rejected.

When elliptical reinforcing is used, lift holes shall be cast in the top and "Top" or "Bottom" shall be clearly inscribed or stenciled on the inside of the pipe to indicate the proper position when laid. When it is found that the position for laying is not marked, or is marked improperly, the entire lot of such pipe will be rejected.

When rubber gasket joints are permitted or specified, the pipe joints shall be so constructed as to accommodate this type of jointing.

S-708.02.1--Materials for Use in Concrete Pipe.

S-708.02.1.1--Cement. Portland Cement Types I, II or III, or blended hydraulic cement, shall conform to the requirements set out in S-701.

S-708.02.1.2--Fly Ash. Fly ash conforming to the requirements of S- 714.05 may be used to replace portland cement on a one to one replacement rate but not to exceed 20 percent by weight of the portland cement.

S-708.02.1.3--Fine Aggregate. Fine aggregate shall consist of natural sand and shall conform to the requirements set out in S-703.02, except that the requirements for gradation are not applicable.

S-708.02.1.4--Coarse Aggregate. Coarse aggregate shall consist of gravel or crushed limestone conforming to the requirements of S-703.03, except that the requirements for gradation are not applicable. Concrete pipe made with crushed limestone coarse aggregate will not be permitted for use on a project with a soil pH lower than 4.5.

S-708.02.1.5--Water. The water shall conform to the requirements set out in S-714.01.2.

S-708.02.1.6--Reinforcement. Reinforcement shall consist of wire conforming to the applicable requirements of S-711.02.

S-708.02.2--Manufacture. General. Circular pipe of 54-inch diameter and smaller shall be machine made. Other pipe may be either machine made or wet cast.

All sizes of concrete pipe may be furnished with either bell and spigot or tongue and groove, provided that the minimum thickness of concrete on the groove end is at least 1¼ inches. This measurement for thickness will be made at a point 3/8 inch from the outer end of the groove.

When no particular length is specified, the pipe shall be manufactured in standard lengths.

The pipe shall be constructed in such a manner and of such design that the joint will meet the same requirements for strength stipulated for the pipe.

S-708.02.3--Exceptions to AASHTO Standard Specifications.

S-708.02.3.1--Liquid Membrane Curing Compound. Liquid membrane curing compound will not be permitted.

S-708.02.3.2--Marking. Required markings shall be placed on the inside wall of the pipe. Machine made pipe shall be inscribed on the outside of the pipe and stenciled on the inside, other pipe may be stenciled. The specification designation for reinforced pipe may be excluded from the required markings.

S-708.02.3.3--Basis of Acceptance. All pipe will be tested under Option I, three-edge bearing test, or Option II, cylinder test, as set forth in MDOT SOP.

Pipe having a diameter of 30 inches or less will be tested under Option I.

Pipe larger than 30 inches in diameter will be tested under Option I or II.

Flared end sections and cattlepasses will be tested under Option II unless otherwise authorized by the MDOT Testing Engineer.

The specified D-load and compressive strength shall be considered as minimum and allowable failures will not apply.

Normally, neither the absorption test nor the ultimate load will be required.

S-708.02.3.4--Rejection. All pipe shall be subject to rejection for nonconformance to the specifications. Individual sections of pipe may be rejected for one or more of the following:

- Visible fractures or cracks, except for a single end crack that does not exceed the depth of the joint.
- Defects that indicate imperfect proportioning, mixing, and molding. Surface defects indicating honey-combed or open texture.
- Damaged or cracked ends which would prevent a satisfactory joint. Defects indicating incorrect positioning of reinforcing steel.

S-708.02.3.5--Repairs. Repairs will not be permitted in the barrel of the pipe. Repairs may be made on the ends, tongue and groove or bell and spigot, with an approved commercial concrete patching compound used according to manufacturer's recommendations and properly cured.

S-708.02.3.6--Tongue and Groove. The thickness of the tongue shall not vary more than 1/4 inch or five percent of the wall thickness, whichever is greater, when measured at the outer edge. The thickness of the groove shall not vary more than 1/4 inch or five percent of the wall thickness, whichever is greater, when measured at a point 3/8 inch from the outer end of the groove. The depth of the groove shall not vary more than 1/4 inch from the length of the tongue.

S-708.02.3.7--Lift Holes. Lift holes may be formed, punched, or drilled in plastic concrete. Lift holes may be placed in cured pipe only by drilling with a diamond core-drill bit.

S-708.02.4--Nonreinforced Concrete Pipe. In addition to the applicable requirements of S-708.02, nonreinforced concrete pipe shall meet the requirements of AASHTO Designation: M 86 for the class specified. Testing shall be in accordance with AASHTO Designation: T 280.

S-708.02.5--Reinforced Concrete Pipe. All reinforced concrete pipe except Class V pipe with diameters of 54 inches and larger shall meet the requirements of AASHTO Designation: M 170 as modified by S-708.02.

Class V pipe with diameters of 54 inches and larger shall meet the requirements of AASHTO Designation: M 170 or M 242 as modified by S-708.02 and herein.

Circular reinforced concrete pipe with S-stirrup reinforcement shall be in accordance with Figure 1 and the following requirements.

The wall thickness, amount of circular reinforcement, S-stirrup system and concrete strength shall comply with those set out in Table 1 herein. The spacing center to center of adjacent inner rings of circumferential reinforcement in a cage shall not exceed 4 inches for pipe up to and including pipe having a 4-inch wall thickness nor exceed 5 1/2 inches for 54 inch pipe and 6 inches for all other pipe sizes.

Each line of S-stirrups shall have a continuous S shape extending longitudinally from end to end of the pipe. They shall extend from the inner cage toward the outer surface of the pipe for a distance not less than the minimum amplitude. S-stirrups shall pass around and be in contact with each inside circumferential member of the inner cage. Each line of S-stirrups shall lie essentially in a plane passing through the longitudinal axis of the pipe.

Where more than one length of stirrup material is used per line, a lap around one circumferential member of the inner cage shall be made. The ends of "S" shaped stirrups at splices shall include an outer bend. Not more than three lengths of S material may be used in a line, and the minimum length of a section of S-stirrups shall be 30 inches.

All designs in Table 1 are accepted designs with noted 0.01 inch crack and ultimate D-load.

Additional Markings. After the capital letter "D" designating the D-load, show the design wall thickness in inches expressed as a decimal. Pipe with "S" stirrups shall have the symbol S. Pipe requiring axis orientation without lift holes, i.e. stirrup pipe, quadrant reinforced pipe, shall have the center line of the crown of the pipe marked inside and outside with the symbol TB. Pipe with quadrant steel shall be marked with the symbol Q. Pipe with deformed wire reinforcement required in the design shall have the symbol DF.

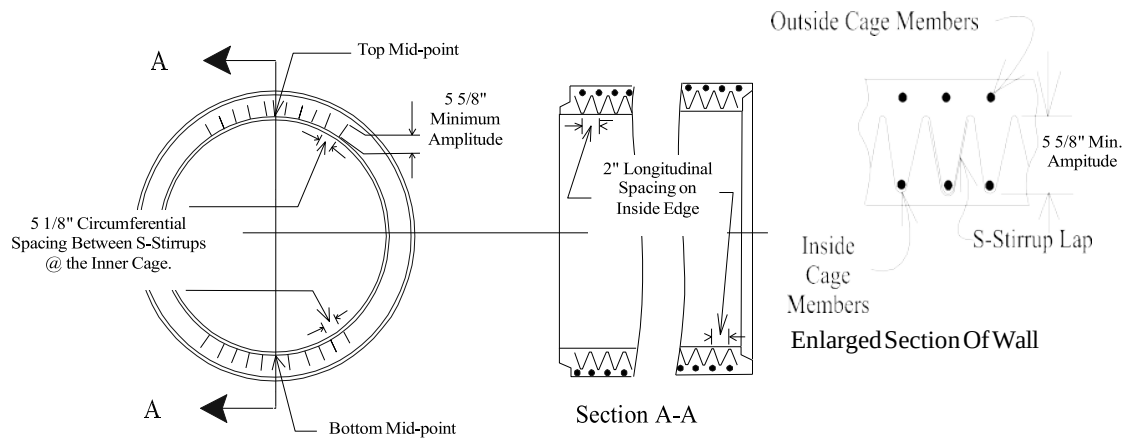


Figure 1.

Illustrative Example of S-Stirrup Support System for 0.01 inch Crack D-load 3,000, 102-inch Dia. Pipe Minimum area Per support 0.053 Sq. In., 11 Lines Spaced @ 5 1/8 inches. For Other Classes and Sizes, See Table 1.

TABLE 1
0.01 Inch Crack D-Load 3,000
Ultimate Strength D-Load 3,750

Internal Diameter of Pipe	Wall Thickness	Circular Reinforcement in Circular Pipe		"S" Stirrups				
		Inner Cage sq. in./ft. of pipe	Outer Cage sq. in./ft. of pipe	Minimum Area Per Support Element sq. in.	Number of Lines	Longitudinal Spacing	Circumferential Spacing on Inner Cage	Minimum Amplitude of Stirrups
in.	in.					in.	in.	in.
Concrete Strength 5,000 Psi								
54	5 1/2	0.64	0.48	0.029	15	2	2 1/8	2 5/8
60	6	0.70	0.53	0.029	14	2	5 5/8	3 1/8
66	6 1/2	0.79	0.59	0.029	13	2	3 1/8	3 5/8
72	7	0.87	0.66	0.029	12	2	3 5/8	4 1/8
78	7 1/2	0.92	0.69	0.031	11	2	4 1/8	4 5/8
84	8	0.99	0.74	0.034	11	2	4 5/8	5 1/8
90	8	1.13	0.85	0.041	11	2	4 5/8	5 1/8
96	8 1/2	1.20	0.90	0.045	11	2	5 1/8	5 5/8
102	8 1/2	1.34	1.00	0.053	11	2	5 1/8	5 5/8
108	9	1.51	1.13	0.063	11	2	5 5/8	6 1/8
114	9 1/2	1.51	1.13	0.064	11	2	6 1/8	6 5/8
120	10	1.62	1.21	0.068	11	2	6 1/2	7 1/8
126	10 1/2	1.73	1.30	0.072	11	2	6 7/8	7 5/8
132	11	1.84	1.38	0.076	11	2	7 1/4	8 1/8
144	12	2.09	1.57	0.085	11	2	8	9 1/8

* Number of lines in the table indicates the number of longitudinal lines required in each top and bottom portion of the pipe. The area of each support element in the pipe is 2 times the cross-sectional area of the "S" stirrups wire used. There shall be an equal number of these lines of "S" stirrups on either side of the mid-point of both the top and bottom of the pipe. See Fig. 1.

** The amplitude is the overall width of the line of stirrups.

S-708.03--Blank.

S-708.04--Reinforced Concrete Flared-End Section. Reinforced concrete flared-end sections shall conform to the plans, the applicable requirements of S-708.02 and the following: The requirements as to manufacturer, materials, and curing shall be the same as for the connecting pipe. The compressive strength of the concrete shall be at least 3000 psi at 28 days.

S-708.05--Perforated Concrete Pipe. Perforated concrete pipe shall conform to the requirements of S-708.02.4 and AASHTO Designation: M 175.

S-708.06--Concrete Drain Tile. Standard drain tile or extra quality drain tile shall conform to the applicable requirements of AASHTO Designation: M 178.

S-708.07--Porous Concrete Pipe for Underdrains. Porous concrete pipe for underdrains shall conform to the requirements of AASHTO Designation: M 176.

S-708.08 thru S-708.13--Blank.

S-708.14--Reinforced Concrete Arch Pipe. Reinforced concrete arch pipe shall meet the requirements of AASHTO Designation: M 206.

S-708.15--Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe. This pipe shall conform to the requirements of AASHTO Designation: M 207.

S-708.16--Joints for Circular Concrete Sewer and Culvert Pipe, Using Rubber Gaskets. The joints shall conform to the requirements of AASHTO Designation: M 198.

S-708.17--Corrugated Plastic Pipe Culverts.

S-708.17.1--Corrugated Polyethylene Pipe Culverts. Corrugated polyethylene pipe shall conform to the requirements of AASHTO Designation: M 294, Type S.

The Contractor shall furnish to the Engineer three copies of the manufacturer's certified test reports and certification covering each shipment of pipe stating the amount furnished and that the pipe, fittings, couplings, etc. comply with the requirements of the specifications. Certifications and certified test reports for compliance with this specification shall be performed by an approved third-party testing source. All corrugated polyethylene pipe shall be smooth wall interior.

S-708.17.2--Corrugated Poly (Vinyl Chloride) (PVC) Pipe Culverts. Corrugated poly (vinyl chloride) (PVC) pipe shall conform to the requirements of ASTM Designation: F 949.

The Contractor shall furnish to the Engineer three copies of the manufacturer's certified test reports and certification covering each shipment of pipe stating the amount furnished and that the pipe, fittings, etc. comply with the requirements of the specifications.

S-708.18--Sewer Pipe Used for Underdrains.

S-708.18.1--General. Pipe less than four inches in diameter shall conform to commercial grade PVC water pipe. Perforations, when required, shall be circular and conform to the requirements of AASHTO Designation: M 278.

S-708.18.2--Acrylonitrile-Butadiene-Styrene (ABS) Sewer Pipe. This pipe and fittings used for underdrains shall meet the requirements of ASTM Designation: D 2751 for the pipe SDR number specified.

S-708.18.3--Type PSM Poly (Vinyl Chloride) (PVC) Sewer Pipe. This pipe and fittings used for underdrains shall meet the requirements of ASTM Designation: D 3034 for the pipe SDR number specified.

S-708.18.4--Poly (Vinyl Chloride) (PVC) Corrugated Sewer Pipe. This pipe with a smooth interior and fittings shall conform to the requirements of ASTM Designation: F 949. The pipe is for use in non-pressure drainage applications as an alternate to ABS and PVC sewer pipe when the SDR number is specified as 35 or greater.

S-708.19--Corrugated Polyethylene Drainage Tubing. This tubing used for underdrains shall meet the requirements of AASHTO Designation: M 252, Type S and/or Type SP, as applicable.

S-708.20--Perforated Semicircular Plastic Pipe for Underdrains.

S-708.20.1--General. Semicircular plastic subdrain pipe is intended for direct burial and shall be extruded from thermoplastic materials as specified below. Unless otherwise specified, the pipe shall be supplied in 20-foot lengths. The pipe shall have an expanded bell on one end for direct coupling, or separate couplings shall be supplied. The pipe sections shall be joined by a friction fit.

The pipe fittings including straight couplings, end caps, tees, right laterals, left laterals, 45° elbows, and 90° elbows shall be molded from thermoplastic materials as specified below. Fabricated fittings shall be made of the same material as the pipe sections.

S-708.20.2--Pipe Sections and Fabricated Fittings. The pipe sections and fabricated fittings shall be made from virgin poly vinyl chloride (PVC). PVC resins shall conform to ASTM Designation: D 1784, Class 12454-B. Virgin resin is defined as resin which contains not more than 10 percent regrind material and has not previously been used to make another product.

S-708.20.3--Molded Fittings. Molded fittings shall be made from virgin high density polyethylene (HDPE) conforming to ASTM Designation: D 1248, Type III, Class B, Category 3; with the addition of a minimum of 0.25% carbon black.

S-708.20.4--Workmanship. The plastic pipe and fittings shall be homogeneous throughout and free of visible surface flaking, chips or cracks. The semicircular trough interior shall be smooth and free from obstructions. The products shall be as uniform as commercially practicable in respect to color, opacity, density and other physical properties.

S-708.20.5--Dimensions. The minimum wall thickness of the pipe at any point shall be 0.125 inch, protective lip excluded. Sufficient additional wall thickness shall be supplied at perforated areas to maintain an effective wall strength equal to 0.125 inch thick nonperforated wall. The protective lip shall extend a minimum of 0.500 inch from the pipe at an angle of approximately 30°. The nominal inside radius of the semicircular trough shall be 2 5/16 inch, providing a minimum cross-sectional flow area of 8.3 square inch below the water entry level. Total water intake area shall be 3.5 square inch per linear foot. All measurements shall be taken at 72 ±5°F.

S-708.20.6--Load Deformation. At a deflection of 0.2 inch, the minimum pipe stiffness, $F\Delta y$, shall be 100 psi when tested in accordance with ASTM Designation: D 2412, except that specimens shall be conditioned a minimum of 12 hours at approximately 72°F.

S-708.20.7--Impact Resistance. Impact resistance of the plastic pipe and fittings shall be as follows when tested in accordance with ASTM Designation: D 2444, except that specimens for routine inspection shall be conditioned for a minimum of one hour at approximately 72°F or two hours at approximately 32°F.

Using a 20-pound Tup B, the plastic pipe and fittings shall be capable of withstanding 125 foot-pounds at 72°F and 62 foot-pounds at 32°F.

S-708.20.8--Hydrocarbon Resistance. The plastic pipe and fittings shall meet the load deformation requirements specified above after being immersed for seven days in normal heptane as specified in ASTM Designation: D 543.

S-708.20.9--Product Marking. Each section of pipe and each fitting shall be clearly marked on the exterior surface to show the manufacturer's name or trademark and the material from which it is made, PVC or HDPE. Product marking shall be permanent and legible in characters at least 3/8 inch high.

S-708.20.10--Packing and Storage. All pipe sections and fittings shall be so stored prior to shipment that they do not warp, deteriorate or suffer dimensional distortion.

All pipe sections shall be banded or palletized so as to protect them during shipment, handling and subsequent storage. Fittings shall be banded together or packed in suitable containers.

S-708.21--Blank.

S-708.22--Precast Concrete Box Culvert.

S-708.22.1--General. Precast concrete box culverts shall conform to the design and dimensions shown on the plans, and the materials and manufacture of box sections shall meet the requirements of AASHTO Designation: M 259 or M 273, as applicable, with the following exceptions:

S-708.22.2--Exceptions to AASHTO.

Cement shall meet the requirements of S-701.

Aggregates shall meet the requirements of S-703.02 and S-703.03, except that gradation will not apply.

Admixtures and blends may be used with the approval of the Engineer.

Reinforcement shall meet the requirements of S-711.02.3.

Water shall meet the requirements of S-714.01.

A lot will consist of a group of 15 box sections of a single size or fraction thereof; or all units produced in one calendar week, Sunday through Saturday, whichever comes first.

Each line of box section should be manufactured by one producer's plant.

The slab and wall thickness shall not vary from the design dimensions by more than five percent or 3/16 inch, whichever is greater.

The depth of cover and amount of steel may, at the discretion of the MDOT Testing Engineer, be checked by an electromagnetic device.

The permissible variation in diameter of any wire in finished fabric shall conform to the tolerances prescribed for the wire before fabrication by AASHTO Designation: M 32.

Box sections may be repaired, if necessary, because of occasional imperfections in manufacture or handling damage and will be acceptable if, in the opinion of the Engineer, the repairs are sound, properly finished, and cured and the repaired box section conforms to the specifications. These repairs will be allowed in the ends and on joints, only. No repairs will be allowed in the barrel of the box section.

S-708.23--Special Sections. Any special section, not otherwise specified, shall be of the same wall thickness, size, and type as the pipe to which it is joined and shall conform to the applicable requirements for the particular type of pipe as set forth therein.

Elbows, tees, wyes, or other such special sections shall, unless otherwise specified, have a minimum length for each projection sufficient to properly join the section to the joining elements of the completed structure.

Other details shall be as shown on the plans.

S-710 - PAINT**S-710.01--General.**

S-710.01.1--Requirements. All paint materials, including vehicle, pigment, paste, driers, thinners, and mixed paint shall conform to the requirements of these specifications unless otherwise stipulated. Paint shall be furnished ready-mixed or in paste or powder form, as may be specified, and shall be of the type and color shown on the plans or as otherwise indicated.

All paints for incorporation in the work shall be manufactured in the United States. Acceptance will be based on manufacture's certification. It shall be the responsibility of the Contractor to obtain and furnish the Engineer certification by the manufacturer that all components used in paint comply with this provision and other applicable provisions under the contract with respect to each component. Any paint that has caked, hardened or otherwise deteriorated shall not be used. The Engineer reserves the right to sample and test the paint as per S-710.01.2.

S-710.01.2--Sampling and Testing. Sampling and testing of paint shall be in accordance with the appropriate method in Federal Test Method No. 141, ASTM and/or Mississippi Test Method.

The approved laboratory may utilize x-ray analysis, gas chromatography, infrared, or ultra violet spectral analysis of the paint or its components to determine whether specified ingredients were used. Paint found not to be in compliance with the approved formula shall not be used.

Each container or label thereon shall be marked as follows:

Net weight in pounds

Net volume in U. S. gallons

Colors

Code Number Batch Number

Name and percentage of each component Name and address of manufacturer

Date of manufacture

In addition, each container and labeling thereon shall meet the requirements of State and Federal Regulations for transporting the paint.

S-710.02--Mixed Paints. Unless otherwise specified, paint shall be delivered completely mixed and ready for use without further additions or alterations. Paint shall be of a uniform consistency and when applied shall dry to a hard tough film without running, streaking or sagging.

All paints and components thereof shall conform to the applicable subsection as contained herein.

Mixed paint in storage shall not be exposed to temperatures less than 32°F, or such higher temperature as recommended by the paint manufacturer. Paint exposed to temperatures lower than specified will be subject to rejection or retesting.

S-710.02.1-Aluminum Paint. This paint shall be aluminum alkyd paint as specified by the Steel Structures Painting Council Paint Specifications SSPC 101-64T. Paint that is to be stored for periods longer than six months shall be a two component system. A two component paint shall be prepared by mixing two pounds of aluminum paste with one gallon of vehicle.

Type I Leafing Aluminum Paint shall always be used as the finish or top coat. Intermediate coats shall be alternate coats of Type II Non-Leafing Aluminum Paint and Type I Leafing Aluminum Paint.

S-710.03--Traffic Paint: S-710.03.1--Materials.

S-710.03.2--Binder. The binder shall consist of a mixture of synthetic resins, at least one of which is solid at room temperature. The total binder content of the paint compound shall be well distributed throughout the compound. The binder shall be free from all foreign objects or ingredients that would cause bleeding, staining or discoloration. The binder shall be 26 percent minimum by weight of the paint compound. The binder shall be characterized by an IR Spectra.

S-710.03.3--Pigment. The pigment used for the white paint compound shall be a high-grade pure (minimum 93 percent titanium dioxide TiO₂). The white pigment content shall not be less than 10 percent by weight and shall be uniformly distributed throughout the paint compound.

The pigments used for the yellow paint compound shall be heat resistant, silica encapsulated lead chromate yellow and moly oranges which shall produce a compound meeting the requirements of FED 595 Color No. 33538. The yellow marking material shall contain a minimum of 4 percent by weight of the yellow pigment with a minimum lead chromate content of 60 percent where Type III drop on glass beads are specified and 50 percent for other drop on glass beads.

S-710.03.4--Filler. The filler to be incorporated with the resins and a binder shall be a white calcium carbonate, silica, or an approved substitute. Any filler which is insoluble in 6N hydrochloric acid shall be of such particle size as to pass a No. 100 sieve.

S-710.03.5--Glass Beads. Acceptance will be based on manufacture's certification. It shall be the responsibility of the Contractor to obtain and furnish the Engineer certification by the manufacturer that glass beads comply with this specification and any applicable provisions under the contract. The Engineer reserves the right to sample and test the glass beads. Intermix glass beads shall be uniformly mixed throughout the material at the rate of not less than 27 percent by weight (retained on the No.100 sieve) of paint compound. Drop on beads shall be used with pavement markings material and shall be applied uniformly at a minimum rate of 12 pounds per 100 square feet where Type III drop on glass beads are specified and at a rate of 8 pounds per 100 square feet for other drop on glass beads.

S-710.03.6--Properties. The drop on glass beads furnished under this specification shall consist essentially of transparent, water-white glass particles of a spherical shape. They shall be manufactured from a glass of a composition designed to be highly resistant to traffic wear and to the effects of weathering. The glass beads shall conform to the following requirements:

- (a) **Sieve Analysis.** The glass beads shall meet the following sieve requirements:

(1) Type III Drop On Glass Beads

	<u>Sieve No.</u>	<u>% Retained</u>	<u>% Passing</u>
	12	0	100
14		0-5	95-100
16		5-20	75-95
18		40-80	10-47
20		10-40	0-7
25		0-5	0-2
Pan		0-2	- -

(2) Other Drop On Beads

<u>Sieve Size</u> No. 16	<u>% Passing</u> 99-100
No. 20	75-95
No. 30	65-95
No. 50	15-35
No. 100	0-5

- (b) **Imperfections.** The surface of the glass beads shall be free of pits and scratches. The sizes beads shall have a roundness of 70% minimum average (ASTM D 1155) with the exception of the +20 portion, which shall have a 65% minimum true spheres, tested visually.
- (c) **Index of Refraction.** The index of refraction of the glass beads shall be not less than 1.50 when tested by the immersion method at 77°F.
- (d) **Silica Content.** The glass beads shall contain not less than 65 percent silica (SiO₂).
- (e) **Chemical Stability.** Glass beads which show tendency toward decomposition, including surface etching, when exposed to paint or paint constituents will be rejected. The glass beads shall be tested by Federal Specification T-T-B-1325A, Section 4.3.11 (water resistant soxhlet extraction method) with the following exceptions: Under "Procedure", the size of sample to be tested shall be 25 grams. Under testing, Paragraph (1), the reflux-time shall be 5 hours and upon examination after testing the glass beads shall show no dulling effect. Under Paragraph (2), if more than 4.5 mls of 0.1N hydrochloric acid are used to reach the end point, it shall constitute failure of the test.
- (f) **Flowing Properties.** The glass beads shall flow uniformly through dispensing equipment in atmospheric humidity up to 94%. The drop beads shall pass the following test: One hundred grams of glass beads, spread evenly and thinly in a suitable container, shall be conditioned at 77°F for 4 hours over a solution of sulfuric acid (Sp. Gr. 1.10) in a closed desiccator. After 4 hours, the glass beads shall flow readily through a clean glass analytical funnel, 60°, 5 mm diameter and 105 mm stem. Inside diameter of the stem shall be a nominal 1/4 inch.
- (g) **Coating:** The glass beads used for intermix shall be uncoated. The glass beads used for the drop on application shall be coated with an adhesion promoting coating. Silicone coated drop on beads shall not be allowed.
- (h) **Packaging.** The Drop on glass beads shall be delivered in approved moisture proof bags consisting of at least five-ply paper construction unless otherwise specified. Each bag shall contain 50 or 55 pounds net, and shall be legibly marked with the manufacturer, specifications and type, lot number, and the month and year the glass beads were packaged.

S-710.03.7--Paint: In the plastic state, the material shall not give off fumes that are toxic or otherwise injurious to persons or property. The manufacturer shall provide material safety sheets for the product.

The temperature versus viscosity characteristic of the plastic material shall remain constant and the material shall not deteriorate in any manner during reheating processes.

There shall be no obvious change in color of the material as a result of repeated heating or from batch to batch. The maximum elapsed time after application after which normal traffic will leave no impression or imprint on the new stripe shall be 30 seconds when the air and road surface temperature is approximately (68°F $\pm$ 6°F). After appreciable deformation or discoloration, shall remain free from tack, and shall not lift from the pavement under normal traffic conditions within a road temperature range of -20° to 150°F. The stripe shall maintain its original dimensions and placement. Cold ductility of the material shall be such as to permit normal dimensional distortion as a result of traffic impact within the temperature range specified.

The material shall provide a stripe that has a uniform thickness throughout its cross section and has the density and character to provide a sharp edge of the line.

The paint compound after heating for 4 hours $\pm$ 5 minutes at 375° $\pm$ 3°F and cooled to 77°F shall meet the following requirements for daylight reflectance and color, then tested, using a color spectrophotometer with 45° circumferential/0° geometry, illuminate C, and 2° observer angle. The color instrument shall measure the visible spectrum from 380 to 720 nm with a wavelength measurement interval and spectral bandpass of 10 nm.

White: Daylight Reflectance (Y) 75 percent minimum

*Yellow: Daylight Reflectance (Y) 42-59 percent

*Shall match Federal 595 Color No. 33538 and Chromaticity limits as follows:

x	.470	.510	.485	.530
y	.455	.485	.425	.456

S-710.03.7.1--Specific Gravity. The specific gravity of the paint material shall not exceed 1.87.

S-710.03.7.2--Softening Point. After heating the paint material for 4 hours $\pm$ 5 min. at 375° $\pm$ 3°F and testing in accordance with ASTM E 28, the material shall have a minimum softening point of 180°F as measured by the ring and ball method.

S-710.03.7.3--Tensile Bond Strength. After heating the paint material for 4 hours $\pm$ 5 min. at 375°F, the tensile bond strength to unprimed, sandblasted portland cement concrete block, 0.0625 inch thick film drawdown at 375°F, tested at 75° $\pm$ 2°F shall exceed 180 psi when tested in accordance with ASTM D 4796-88.

S-710.03.7.4--Impact Resistance. After heating the paint material for 4 hours $\pm$ 5 min at 375° $\pm$ 3°F, the impact resistance shall be a minimum of 50 inch pounds with no cracks or bond loss when 0.0625-inch thick film drawdown is made at 375°F on an unprimed sandblasted portland cement concrete block, male indenter 5/8 inch, no female Die, tested at 75° $\pm$ 2°F when tested in accordance with ASTM D 2794 minimum.

S-710.03.7.5--Yellowness Index. The white paint material shall not exceed a yellowness index of 12 when tested in accordance with ASTM D 1925.

- (a) **Identification** - Each package of material shall be stenciled with the manufacturer's name, the type of material and specification number, the month and year the material was packaged and lot number. Lot numbers must begin with the last two digits of the year manufactured and be sequential. The letters and numbers used in the stencils shall be a minimum of 1/2 inch in height.
- (b) **Packaging** - Paint material shall be packaged in suitable containers which will not adhere to the product during shipment and storage. The container of paint material shall weigh approximately 50 pounds. Each container shall designate the color, binder (alkyd or hydrocarbon), spray and user information. The label shall warn the user that the material shall be heated in the range of 350° - 425°F.

- (c) **Storage Life** - The material shall meet the requirements of this specification for a period of one year. The paint must also melt uniformly with no evidence of skins or unmelted particles for this one year period. Any material not meeting the above requirements shall be replaced by the manufacturer.

S-710.04-Inorganic Zinc Rich System:

S-710.04.1--Inorganic Zinc Primer. The shop coat or prime coat shall be a self-curing multiple component inorganic zinc rich primer conforming to the requirements of AASHTO M 300, Type I or Type II. The inorganic zinc rich primer, as applied, shall meet State and Federal regulations on Volatile Organic Compounds (VOC).

The inorganic zinc primer shall be formulated so as to produce a distinct contrast in color with the blast cleaned metal surface and the intermediate field coat to be applied thereon.

The inorganic zinc primer must be one from the Mississippi Department of Transportation's "List of Approved Sources of Materials".

The paint manufacturer's technical representative who is certified by the National Association of Corrosion Engineers (NACE) shall be present at the beginning of coating operations as needed to provide technical expertise in the application of the coating. This technical expertise shall be provided without additional cost to the Project. The fabricator is responsible for arranging for the presence of the manufacturer's technical representative.

S-710.04.2--Epoxy Mastic Field Touch-Up Paint. Inorganic zinc primer coat which has been damaged during storage, handling, transporting and/or erection shall be repaired using epoxy mastic touch-up paint prior to finish coating.

Epoxy mastic touch-up paint shall be manufactured or recommended by the supplier of the inorganic zinc primer, shall be as listed on the Mississippi Department of Transportation's "List of Approved Sources of Materials" and, as applied, shall be VOC compliant with State and Federal Regulations.

The epoxy mastic touch-up paint shall conform to the same formulation as originally approved by the Mississippi Department of Transportation. Determination of conformance to the originally approved formulation will be based on physical tests, x-ray diffraction pattern and infrared spectrum. The results of these tests shall be in agreement with the results obtained on the originally approved formulation.

S-710.04.3--Acrylic Latex Intermediate and Top Coats (Field Coats). The acrylic latex field coats shall be manufactured by the supplier of the inorganic zinc primer coat, shall be as listed on the Mississippi Department of Transportation's "List of Approved Sources of Materials" and, as applied, shall be VOC compliant with State and Federal regulations. The acrylic latex paint shall conform to the same formulation as originally approved by MDOT.

Determination of conformance to the originally approved formulation will be based on physical tests and infrared spectrum of the vehicle component. The infrared spectrum (2.5 to 15 microns) of the vehicle component shall agree with the infrared spectrum of the vehicle component of the originally approved paints in both peak position and relative intensity of the peaks.

The color of the acrylic latex intermediate coat shall be white in color. The color of the acrylic latex top coat shall be light gray in color.

At the Engineer's request, the paint manufacturer's technical representative who is certified by the National Association of Corrosion Engineers (NACE) shall be present at the job site at the beginning of each separate coating operation as needed to provide technical expertise in the application of the field coats. This technical expertise shall be provided without additional cost to the Project. The Contractor shall be responsible for arranging for the presence of the manufacturer's technical representative.

S-710.04.4--Mixing of Paint. All paint shall be mixed in accordance with the paint manufacturer's printed instructions.

S-710.04.5--Packaging and Marking. Multiple component paints shall be furnished in premeasured packages so as to form one unit of mixed paint when mixed with the vehicle in its container.

The containers of all paints shall be coated as necessary to prevent attack by the paint. Each container shall bear a label with the following information shown thereon: name and address of manufacturer, trade mark or trade name, kind of paint, date of manufacture and lot number, mixing instructions and equipment clean up instructions. The VOC content shall be stated on the label, product data sheet, or Material Safety Data Sheet.

S-710.04.6--Acceptance Procedure. Prior to use, the Contractor must furnish the Engineer a certificate from the manufacturer, covering each lot of paint in the shipment, attesting that the paint in the shipment conforms to the same formula as that originally approved by the Mississippi Department of Transportation.

Final acceptance of the paint will be based on results of tests performed by the approved Laboratory on samples obtained by the Contractor prior to or after delivery. The use of any lot of paint prior to its final acceptance shall be prohibited.

S-710.05--Epoxy Mastic System. The coating system shall consist of modified epoxy mastic prime coat with a uniform dry film thickness of not less than 5 mil nor more than 8 mil and a vinyl finish coat of not less than 3 mil nor more than 5 mil.

S-710.05.1--Prime Coat. The prime coat shall be a two-component epoxy mastic designed as a one-coat high build complete protective coating system with excellent adhesion to rusted steel and old coating systems after such surfaces have been cleaned as specified.

S-710.05.1.1--Pigment. The silica and metallic aluminum pigment shall include rust inhibitors and adhesion reinforcers/promoters. The aluminum factor shall contain both leafing and nonleafing types.

S-710.05.1.2--Vehicle. The vehicle shall be a modified epoxy-polymide resin formulated to have suitable insensitivity to moisture and shall contain special wetting agents to insure adequate adhesion.

S-710.05.1.3--Mixed Paint. The mixed paint shall conform to the following requirements:

The catalyzed epoxy shall contain $92\% \pm 2\%$ solids by weight when tested in accordance with ASTM Designation: D 1644 (modified to a drying time of 72 hours at 100°F).

Total solids by volume shall be a minimum of 90%.

The coating shall air cure to a hard, tough film within five days at a temperature of 75°F. It shall be dry to the touch in 24 hours at 75°F.

The usable pot life of the mixed paint shall be not less than four hours at 75°F and two hours at 90°F.

It shall exhibit good compatibility with inorganic zinc primers. The color shall contrast with the steel and the finish coat.

The catalyzed mixture, after thinning 20% by volume with specified thinner, shall be suitable for spraying in one coat to a 10 mil wet thickness without exhibiting runs or sags.

The coating shall be suitable for application with both conventional and airless spray equipment.

S-710.05.1.4--Packaged Qualities. The paint shall be supplied as a two-package material with a one-to-one mixing ratio and shall be well ground and not caked, skinned or badly settled in the container. Usable shelf life shall be not less than 12 months.

S-710.05.1.5--Flexibility Test. Apply a five mil dry film thickness of paint to one side of a 4" x 30" x 1/8" steel panel which has been cleaned in accordance with Steel Structures Painting Council SSPC-SP-5, Commercial Blast Cleaning. After the coating has been cured for two weeks at 75°F, it shall show no signs of cracking or loss of adhesion after the panel is uniformly bent 180° degrees (coated side out) around an eight inch diameter pin.

S-710.05.1.6--Resistance Tests. The panel (3" x 5" x 1/8") meeting the requirements of ASTM Designation: D 609 shall be prepared by blast cleaning in accordance with SSPC-SP-6, Commercial Blast Cleaning.

After cleaning, the panels shall be exposed to the weather for 30 days to allow uniform rusting. The panels shall then be hand-cleaned with a wire brush in accordance with SSPC-SP-2.

The modified epoxy mastic paint shall be spray applied in one coat to the prepared panels with a uniform dry film thickness of six mils. Curing shall be in accordance with manufacturer's recommendations.

Each test shall be performed on one or more panels, and the paint will be unacceptable if it fails one or more of the following tests:

- (1) Salt Water Resistance. One or more panels shall be scribed with an X of at least two-inch legs down to the base metal and immersed in 5% sodium chloride at 75 ±5°F. The panel(s) shall be examined after 7, 14 and 30 days and shall show neither rusting, blistering, nor softening of the coating beyond 1/16 inch from the scribe mark. The solution shall be changed after each examining period.
- (2) Weathering resistance. One or more panels shall be tested in accordance with ASTM Designation: G 23, Type D. The panel(s) shall be placed on test at the beginning of the wet cycle. After 1,000 hours continuous exposure, the coating shall show neither rusting, blistering, nor loss of bond.
- (3) Salt Fog Resistance. One or more panels shall be scribed with a X of at least two-inch legs down to the base metal. The panel(s) shall then be tested in accordance with ASTM Designation: B 117. After 1,000 hours continuous exposure, the coating shall show neither loss of bond, rusting nor blistering beyond 1/16" from the scribe mark.

S-710.05.2--Vinyl Finish Coat (Field Coat). The vinyl finish coat shall be manufactured by the supplier of the prime coat. The vehicle shall consist essentially of vinyl chloride-acetate copolymer resin dissolved in aromatic or ketone and aromatic solvents. The vinyl coat shall display compatibility with, and adhesion to, the cured primer film when applied in accordance with the manufacturer's printed instructions.

S-710.05.2.1--Composition.

- (a) The vinyl finish coat shall be gray in color and supplied in a single package at a consistency ready for use. It shall be well grounded and not caked, livered, skinned or badly settled in the container.
- (b) The vinyl finish coat shall contain not less than 29% pigment (by weight) and 19% vehicle (by weight) for a total of no less than 48% solids by weight. The weight per gallon shall be 9.6 ± 0.5 pounds at 77°F. The grind minimum shall be four. Any extender pigments shall be barytes.
- (c) The vinyl finish coat shall air dry at temperatures of 70°F or above to a hard tough film within four hours, entirely by evaporation of solvents. It shall be dry-to-touch in 25 minutes at 70°F.

S-710.05.3--Packaging. Two-component paint shall be packaged so that one unit of pigment can be mixed with the vehicle in its container. The containers for all paints shall be coated as necessary to prevent attack by the paint.

Each container shall be plainly marked with the net weight in pounds, net volume in U.S.gallons, color, code number, batch number(s), the name and address of the manufacturer and the date of manufacture. Each container, or label thereon, shall bear a true statement of the name and percentage of each component or constituent, both solid and liquid. Any package not so marked will be unacceptable.

Each shipment of paint shall be accompanied by complete written instructions and precautions for use, either on the container label or in a separate document.

S-710.05.4--Acceptance Procedure. Before each shipment is used, the Contractor

must furnish the Engineer a certificate from the manufacturer attesting that the commercial product furnished conforms to the same formula as that previously approved by MDOT.

If deemed necessary, final acceptance will be based on results of tests performed on samples obtained by the Engineer prior to or after delivery. Batches of paint found not to be of the approved formulation will be rejected.

S-711 - REINFORCEMENT AND WIRE ROPE

S-711.01--Reinforcing Steel and Wire Rope. General. All reinforcement used in concrete construction, unless otherwise stipulated, shall conform to the provisions and requirements hereinafter set out. The materials when incorporated into the work shall be reasonably free from dirt, paint, oil, grease, loose-thick rust, or other foreign substances and when deemed necessary, shall be cleaned to the satisfaction of the Engineer. Tight-thin rust or powdering rust on these materials shall not be cause to require cleaning. Reinforcement which has rusted sufficiently to cause it to fail to meet specified physical properties or prestressing strands displaying pits visible to the naked eye shall be rejected.

S-711.02--Reinforcing Steel.

S-711.02.1--Bar Reinforcement. Bar reinforcement shall conform to the requirements of AASHTO Designation: M 31, Grade 60, for billet steel bars.

Bars shall be fabricated as indicated on the plans, shall be cold-bent, unless otherwise permitted, to the shapes shown on the plans or as directed; and shall be bent prior to being wholly or partially embedded in concrete.

Unless otherwise authorized or provided on the plans, bends or hooks shall not be fabricated to a smaller diameter than that indicated for the bend test. Rail steel bars shall be bent to the specified shapes at the mill or fabricating plant.

The areas and weights to be used in calculations for the various size reinforcing bars shall be as follows:

STANDARD REINFORCING BARS

* Bar Numbers	Weight (Lbs./Foot)	Nominal Dimensions-Round Sections		
		Diameter (Inches)	Cross-Sectional Area (Sq. Inches)	Perimeter (Inches)
2 (1)	0.167	0.250	0.05	0.786
3	0.376	0.375	0.11	1.178
4	0.668	0.500	0.20	1.571
5	1.043	0.625	0.31	1.963
6	1.502	0.750	0.44	2.356
7	2.044	0.875	0.60	2.749
8	2.670	1.000	0.79	3.142
9 (2)	3.400	1.128	1.00	3.544
10 (2)	4.303	1.270	1.27	3.990
11 (2)	5.313	1.410	1.56	4.430
14	7.65	1.693	2.25	5.32
18	13.60	2.257	4.00	7.09

* The bar numbers are based on the number of 1/8 inch increments in the nominal diameter of the bar, except as noted in (2) below.

- (1) No. 2 bars in plain rounds only
- (2) Nos. 9, 10, and 11 are round bars and equivalent in weight and nominal cross-sectional area to the old type 1 inch, 1 1/8 inch, and 1 1/4 inch square bars, respectively.

S-711.02.2--Bar Mats. Bar mats for concrete pavement reinforcement shall be Grade 60 billet steel, AASHTO Designation: M 31, and shall conform to the requirements of AASHTO Designation: M 54.

S-711.02.3--Steel Wire Fabric. Steel wire fabric shall conform to the requirements of AASHTO Designation: M 55, or AASHTO Designation: M 221.

S-711.02.4--Dowel Bars and Marginal Bars. Unless otherwise indicated, dowel bars used to span transverse joints and marginal bars shall be plain round bars. They shall be Grade 60 billet steel, AASHTO Designation: M 31.

Before installation, each dowel bar shall be painted with one coat of industrial grade zinc base primer, epoxy or other approved rust inhibitive primer. One half of each dowel bar shall be greased with a heavy grease equivalent to 600W or cup grease to prevent bonding with concrete. The greased end is to be inserted into the dowel bar sleeve described in the following paragraph.

Sleeves for dowel bars shall be metal or plastic of an approved design, mortar-tight, of sufficient strength to prevent collapse, and at least two inches in length. A suitable stop shall be provided in the sleeve to permit movement of the dowel bar within the sleeve of not less than the thickness of the expansion filler used.

Dowel bars shall be free from burring or other deformations restricting slippage in the concrete.

S-711.02.5--Tie Bars. Unless otherwise indicated, tie bars used to span longitudinal joints shall be deformed bars, billet steel, meeting the requirements set forth in S-711.02.1.

S-711.02.6--Cold-Drawn Steel Wire. Cold-drawn steel wire shall conform to the requirements of AASHTO Designation: M 32.

S-711.02.7--Supports for Bar Reinforcement. Metal bar supports shall be fabricated from stainless steel wire conforming to ASTM Designation: A 493, 16% chromium minimum, or cold-drawn wire with a minimum of 1/2 inch of the height of the leg above the form surface protected by one of the following:

Plastic coating conforming to CRSI Standards.

Galvanized, conforming to ASTM Designation: A 153, Class D. Stainless steel conforming to ASTM Designation: A 493,

16% chromium minimum.

Other protective coating as approved by the Engineer. Other supports as approved by the Engineer may be used.

S-711.02.8--Epoxy Coated Reinforcing Bars. All reinforcement to be epoxy coated shall conform to the requirements of S-711, or as specified on the plans. The epoxy coat shall be in accordance with ASTM Designation: A 775. The Contractor shall furnish written certification that the coated reinforcing bars were

cleaned, coated and tested in accordance with the specifications and ASTM Designation: A 775.

S-711.03--Reinforcement for Prestressed Concrete.

S-711.03.1--Pretensioning Reinforcing.

S-711.03.1.1--Uncoated Seven-Wire Stress Relieved Strand for Prestressed Concrete. Uncoated seven-wire stress-relieved strand for prestressed concrete shall conform to the requirements of AASHTO Designation: M 203.

S-711.03.1.2--Uncoated Stress-Relieved Wire for Prestressed Concrete. Uncoated stress-relieved wire for prestressed concrete shall conform to the requirements of AASHTO Designation: M 204.

S-711.03.2--Posttensioning Reinforcing.

S-711.03.2.1--Bars. Bars for posttensioning shall be of high tensile strength steel. They shall be equipped with wedge-type anchorages which will develop the minimum specified ultimate bar stress on the nominal bar area.

The minimum physical properties of the bar steel, and of the stress-strain curve determined by static tensile tests, shall conform to the following:

Stress at 0.3% elongation, psi	75,000
Stress at 0.7% elongation, psi	130,000
Ultimate stress, psi	145,000
Elongation in 20 diameters, %	4
Modulus of elasticity, psi	25,000,000

The diameter tolerance of the bar steel shall be from -0.01 to +0.02375 inch.

S-711.03.2.2--Parallel Wire Assemblies. Wire assemblies for posttensioning shall consist of parallel wires of the number and size shown on the plans. Wires shall conform to the requirements of AASHTO Designation: M 204. Minimum ultimate strength requirements for various sizes shall be as follows:

<u>Diameter</u> <u>(inches)</u>	<u>Minimum Ultimate Strength</u> <u>(psi)</u>
0.177	255,000
0.192	251,000
0.225	245,000
0.250	240,000
0.276	236,000

The stress-strain curve for wires shall show the following minimum characteristics, based on the minimum ultimate strength requirements:

Proportional limit (0.01% offset from tangent), %	55
Yield point (0.2% offset from tangent), %	80
Elongation at rupture	4% in 10 inches

The diameter tolerance of wires shall be ± 0.002 inch.

S-711.03.3--Anchorages for Post-Tensioned Tendons.

S-711.03.3.1--For Bars. Wedge-type anchorages shall be used for bars. The wedge device shall develop the minimum ultimate strength specified for the nominal bar area.

Wedge anchorages shall bear against anchor plates fabricated of hot-rolled steel having physical characteristics not less than that specified for No. 104 of American Iron and Steel Institute (AISI) Specifications.

S-711.03.3.2--For Parallel Wire Assemblies. Wedge or direct-bearing type anchorage shall be used, generally. The anchorage device shall be capable of developing the ultimate strength of the total number of wires anchored. Conical type anchorages shall be embedded within the ends of the concrete members unless otherwise specified. Anchorages shall generally bear against grids of reinforcing steel of approved type.

S-711.03.3.3--Alternate Anchorage Types. Alternate anchorage types conforming to the general physical requirements for wedge or direct-bearing type anchorages will be permitted. All anchorage types shall develop the specified ultimate strength of the reinforcing tendons, or the allowable stress of the tendon will be based on the anchorage strength.

As a specified exception, threaded anchorages not on upset or oversize reinforcing ends will not be considered for approval.

Any alternate type anchorage, before being considered, will be required to show evidence of being capable of withstanding at least 3,000,000 cycles of twice the maximum live load stress variation.

S-711.03.4--Tests for Prestressing Reinforcing. The Engineer shall be furnished with three certified copies of test results for all tests specified below. These tests shall be performed by the manufacturer or a recognized commercial laboratory at no additional cost to the Project. The Engineer or his representative shall have the privilege of witnessing any or all tests.

S-711.03.4.1--Strand. The physical characteristics of strand shall be determined in accordance with AASHTO Designation: M 203.

S-711.03.4.2--Bars.

S-711.03.4.2.1--Proof Test. During manufacture, each bar shall be proof tested to a minimum stress of 130,000 psi.

S-711.03.4.2.2--Static Test. From each mill heat, one static test shall be made on an assembled bar and anchorage to determine the physical properties of the steel and the assembly. Such physical properties shall conform to the minimum physical properties hereinbefore specified.

S-711.03.4.3--Wires and Wire Anchorages. One static test shall have been made from each five coils received, except that at least one static test shall have been made for each shipment. For each 500 anchorages received, or fraction thereof, one anchorage assembly shall have been tested statically to destruction.

SECTION S-713 - CONCRETE CURING MATERIALS AND ADMIXTURES

S-713.01--Curing Materials. Concrete curing agents (including water and earth) shall be free of any ingredients which may damage or be detrimental to the concrete. Such agents, unless otherwise specified, shall conform to the requirements hereinafter set forth.

S-713.01.1--Burlap Cloth. Burlap to be used for curing concrete shall conform to the requirements of AASHTO Designation: M 182.

Class 3 burlap shall be used (one or two layers as required) except that substitutions of other classes may be made, provided their combined weight will equal or exceed the weight required.

S-713.01.2--Liquid Membrane Compound. Membrane-forming compound for curing concrete shall conform to the requirements of AASHTO Designation: M 148.

Unless otherwise specified, only Type 2 (White Pigmented) will be permitted for use.

The use of liquid membrane for curing concrete surfaces which are to have a rubbed finish or faces of construction joints will not be permitted.

S-713.01.3--Polyethylene Sheeting (White). White polyethylene sheeting shall conform to the requirements of AASHTO Designation: M 171 for white opaque polyethylene film.

S-713.02--Admixtures for Concrete. Air-entraining admixtures used in portland cement concrete shall comply with AASHTO Designation: M 154. Set-retarding, accelerating, and/or water reducing admixtures shall comply with AASHTO Designation: M 194.

The Engineer reserves the right to sample, for check tests, any shipment or lot of admixture delivered to a project.

The Engineer reserves the right to require tests of the material to be furnished, using the specific cement and aggregates proposed for use on the project, as suggested in AASHTO Designation: M 154 and outlined in AASHTO Designation: M 194.

Admixtures containing chlorides will not be permitted.

Failure to maintain compliance with any requirement of these specifications shall be cause for rejection of any previously approved source or brand of admixture.

When an admixture is used in portland cement concrete, it shall be the responsibility of the Contractor to produce satisfactory results.

SECTION S-714 - MISCELLANEOUS MATERIALS

S-714.01--Water.

S-714.01.1--General. All water used shall be free from injurious quantities of oil, acid, alkali, or vegetable matter; shall be reasonably clear; and shall not be brackish. If at any time water from source becomes of unsatisfactory quality or of insufficient quantity, the Contractor shall provide satisfactory water from some other source. Where the source of water is relatively shallow, the Engineer may require the intake to be so enclosed as to exclude silt, mud, grass, or other foreign materials.

Requirements for impurities set out in these specifications are general maximums which may be used as a basis for acceptance. However, if the preliminary analysis indicates that any of the specified limits for acidity or alkalinity, organic solids, or inorganic solids are exceeded, the water may be further tested as provided in S-714.01.6 to determine its suitability for the purpose intended.

S-714.01.2--Water for Use in Concrete. Water used in mixing of concrete, mortar, and grout shall be as set out above. In addition, the water shall not contain impurities in excess of the following limits:

Acidity or alkalinity (calculated in terms of calcium carbonate), %	0.05
Total organic solids, %	0.05
Total inorganic solids, %	0.05

The tests for organic solids and inorganic solids may be waived by the Engineer on water samples from ponds, lakes, streams, rivers, and ditches in all except the following counties: Pearl River, Stone, George, Hancock, Harrison and Jackson Counties.

S-714.01.3--Water for Use in Chemically-Stabilized Subbase and Base. Water used in construction of subbases or bases which contain cement, lime, or other chemical additive shall be as set out in S-714.01.1 and, in addition, shall not contain impurities in excess of the following limits:

Acidity or alkalinity (calculated in terms of calcium carbonate), %	0.5
Total organic solids, %	0.05
Total inorganic solids, %	0.20

The tests for organic solids and inorganic solids may be waived by the Engineer on water samples from ponds, lakes, streams, rivers, and ditches in all except the following counties: Pearl River, Stone, George, Hancock, Harrison and Jackson Counties.

S-714.01.4--Water for Use in Granular Subbase and Base. Water for use in granular subbases or bases may be brackish.

S-714.01.5--Water for Use in the Planting and Establishment of Vegetation. Water used for planting and establishment of vegetation shall meet the requirements of S-714.01.1 as related to injurious quantities of oil, acid, or alkali and shall not be brackish.

S-714.01.6--Tests. Water obtained, from a potable source approved by the Mississippi State Health Department will not be required to be tested; otherwise, as applicable, a routine analysis of the sample of water submitted will be made. If the routine analysis indicates that any of the specified limits for acidity or alkalinity, organic solids, or inorganic solids are exceeded, the water may be further tested by either or both of the following methods as determined by the Engineer.

1. A chemical analysis to determine the nature of the specified characteristics for which minimum values are established.
2. Strength and Time-of-Set Test. Results of additional tests may be considered satisfactory if:
 - (a) The solids are found to be not detrimental to the materials with which the water is used;
 - (b) The alkali carbonates and bicarbonates do not exceed 0.1% by weight of water when the combination of carbonates and bicarbonates is calculated to sodium carbonate, Na_2CO_3 ;
 - (c) The 28-day strength of mortar with the water is not less than 90% of that made with distilled water; and
 - (d) The time of set is not less than 45 minutes.

In general, water will be approved if it complies with the applicable requirements of the Standard Specifications, or if the results of additional tests as provided above are determined by the Engineer to be satisfactory.

No formal tests of water used for granular subbase, base, or embankment construction, or in connection with the planting and establishment of vegetation will be made unless the Engineer questions the quality of the water.

S-714.02--Calcium Chloride. Calcium chloride shall conform to the requirements of AASHTO Designation: M 144. Calcium chloride shall not be used in concrete which will be prestressed; nor shall it be used in other concrete unless specifically approved by the Engineer.

S-714.03--Lime.

S-714.03.1--General. Lime shall be stored and handled in closed, weather-proof containers until used. If local storage is provided, lime shall be used only from approved storage facilities and shall meet the requirements of the contract at the time of use.

S-714.03.2--Hydrated Lime. Hydrated lime for use in mortar shall conform to the requirements of ASTM Designation: C 207, Type N.

Hydrated lime for soil stabilization shall conform to the following requirements:

Calcium and magnesium oxides	
(nonvolatile basis), %, min.....	90
Carbon dioxide, %, maximum.....	7
Moisture loss, 2 hrs. @ 120°C, maximum	3
Gradation of Residue:	
Retained on No. 30 sieve, %, maximum	2.5
Retained on No. 200 sieve, %, maximum	15

S-714.03.3--Quick Lime

S-714.03.3.1--Granular or Pelletized Quick Lime Granular or pelletized quick lime for soil stabilization shall be a commercial granular or pelletized quick lime and shall conform to the following requirements prior to slaking:

Calcium and magnesium oxides, nonvolatile basis, %, minimum.....	90
Carbon dioxide, %, maximum	7
Gradation, percent passing by weight:	
¾ inch sieve	100
No. 4 sieve	0-30

The Contractor shall furnish certified test reports with each shipment of quick lime attesting to the purity of the lime and that the lime meets the requirements of the specifications; however, the material shall be subject to inspection, test, or rejection by the Engineer at any time.

S-714.03.3.2--Dry Quick Lime Dry quick lime used for soil stabilization by the dry application method shall be a commercial quick lime and shall conform to the following requirements after two minutes on a Ro-tap shaker:

<u>Sieve</u>	<u>Percent Passing By Weight</u>
No. 10	100
No. 20	90 - 100
No. 100	0 - 20
No. 200	0 - 5

Dry quick lime shall meet the slaking standards as defined in ASTM Designation: C 110, and shall reach maximum heat rise in no more than six (6) minutes.

The Contractor shall furnish certified test reports with each shipment of quick lime attesting to the purity of the lime and that the lime meets the requirements of the specifications; however, the material shall be subject to inspection, test, or rejection by the Engineer at any time.

S-714.03.4--Bag Lime When bag lime is used, the bag shall bear the weight certified by the manufacturer. Bags varying more than five percent from the certified weight will be rejected, and the average weight of 50 bags in any shipment taken at random shall not be less than the certified weight. Bag lime shall conform to the requirements of hydrated or quick lime as applicable.

S-714.03.5--Limestone Dust The source of the material shall be approved by the Engineer and meet the following gradation requirements:

<u>SIEVE</u>	<u>PERCENT PASSING</u>
No. 30	95-100
No. 200	20-100

S-714.04--Sodium Chloride. Sodium chloride shall conform to the requirements of AASHTO Designation: M 143.

S-714.05--Fly Ash.

S-714.05.1--General. When required or permitted in construction, fly ash shall be obtained from an approved source. The acceptance of fly ash shall be based on certified test reports, certification of shipment from the supplier, and tests performed on samples obtained after delivery in accordance with the Office of State Aid Road Construction's Standard Operating Procedures.

Different classes of fly ash or different sources of the same class shall not be mixed or used in the construction of a structure or unit of a structure, without written permission from the Engineer. The Contractor shall provide suitable means for storing and protecting the fly ash against dampness. Fly ash, which for any reason, has become partially set or which contains lumps of caked fly ash shall not be used.

The temperature of the bulk fly ash shall not be greater than 165°F at the time of incorporation into the work.

In addition to the above requirements fly ash shall meet the following specific requirements for the intended use.

S-714.05.2-Fly Ash for Use in Concrete. When used with portland cement (Types I or

II) in the production of concrete, grout, or in soil stabilization, the fly ash shall meet the requirements of AASHTO Designation: M 295, Class C or Class F, with the following exceptions:

The loss on ignition shall not exceed 6.0 percent.

The Pozzolanic activity index with portland cement, at 7 days, shall be at least 55 percent of the control mix. The water requirement shall not exceed 105 percent of the control mix.

Fly ash shall not be used with portland cement Type IP.

S-714.05.3-Fly Ash for Soil Stabilization. When used with hydrated lime in soil stabilization, the class of fly ash shall be as specified in the contract. The fly ash, when mixed with hydrated lime and soil or soil-aggregate, shall produce the minimum design characteristics for the course to be stabilized. The fly ash shall meet the requirements of AASHTO Designation: M 295 for the class specified, except the loss on ignition shall not exceed 10.0 percent.

S-714.06--Ground Granulated Blast Furnace Slag (GGBFS).

S-714.06.1--General. GGBFS shall be obtained from an approved source. The acceptance of GGBFS shall be based on certified test reports, certification of shipment from the supplier and tests performed on samples obtained after delivery in accordance with the Office of State Aid's Standard Operating Procedures.

The Contractor shall provide suitable means for storing and protecting the GGBFS against dampness and contamination. Separate storage silos, bins, or containers shall be provided for GGBFS. GGBFS which has become partially set, caked or contains lumps shall not be used.

The Engineer shall be notified in writing of the nature, amount and identity of any processing or other additions made to the GGBFS during production.

GGBFS from different mills shall not be mixed or used alternately in any one class of construction or structure without written permission from the Engineer; except that this requirement will not be applicable to cement treatment of design soil, subbases or bases.

In addition to these requirements, GGBFS shall meet the following specific requirements.

S-714.06.2--Specific Requirements. GGBFS shall meet the requirements of AASHTO Designation: M 302, Grade 120. GGBFS shall contain no chlorides.

S-714.07--Blank.

S-714.08--Frames, Grates, Covers, and Ladder Rungs. Metal units shall conform to the plan dimensions and to the applicable requirements in S-716 or S-717.

Galvanizing, where specified for these units, shall conform to the requirements of AASHTO Designation: M 111, unless otherwise designated.

S-714.09--Blank.

S-714.10--Elastomeric Bearings.

S-714.10.1--General. This work shall consist of furnishing and installing elastomeric bearings in accordance with the plans and these specifications. All required testing and furnishing of sample bearings is considered to be part of the covered work. Shop drawings shall be approved by the Engineer prior to beginning of fabrication or production of bearings. Elastomeric bearings, as herein defined, shall include plain or nonreinforced pads consisting of elastomer only, and reinforced or laminated bearings consisting of elastomer reinforced with steel laminates.

All elastomeric bearings shall be furnished to the dimensions indicated on the plans. They shall be composed of the specified elastomer type, grade and hardness (or shear modulus); shall be adequate for the specified design load; shall be tested at the appropriate level; and shall satisfy any special requirements as shown on the plans.

S-714.10.2--Elastomer. The raw elastomer shall be virgin polychloroprene (Neoprene), Grade 3 (Ref. ASTM Designation: D 4014).

Elastomer for plain or non reinforced bearings shall be 70-Durometer, adequate for 800 psi design compression stress, and shall be tested to Level I as hereinafter described.

Unless otherwise shown on the plans, elastomer for laminated or reinforced bearing shall be 50-Durometer, adequate for 1,000 psi design compression stress, and shall be tested to Level I as hereinafter described.

An elastomer of higher grade number may be substituted for the specified grade.

The elastomer compound shall also meet the minimum requirements of Table I except as otherwise specified by the Engineer. When test specimens are cut from the finished product, a 10 percent variation in physical properties shall be permitted. All material tests shall be carried out at 73°F $\pm$ 4°F unless otherwise specified.

Table 1

MATERIAL PROPERTY	ASTM DESIGNATION	TEST REQUIREMENTS	POLYCHOROPRENE			UNITS
			50 DURO	60 DURO	70 DURO	
Physical Properties	D2240 D412	Hardness Min. tensile strength Min. ultimate elongation	50±5 2250 400	60±5 2250 350	70±5 2250 300	Shore A Pts. psi %
Heat Resistance at specified temp.	D573	Specified temperature of test-22hrs. Aging time Max. change in durometer hardness Max. change in tensile strength Max. change in ultimate elongation	212 70 +15 -15 -40	212 70 +15 -15 -40	212 70 +15 -15 -40	°F Hours Shore A Pts. % %
Compression Set at specified temp.	D395 Method B	Specified temperature of test degrees Max. permissible set	212 35	212 35	 35	°F %
Ozone Resistance	D1149	Partial pressure of ozone during test Duration of test Tested at 20% strain 100°F±2°F mounting procedure D518, Procedure A	50 100 no cracks	50 100 no cracks	50 100 no cracks	mPa Hours
Low Temperature	D2137 Method A D1415 or D2240 D1229	Low temperature Brittleness Test (required for Grade 3 & 5 only) at -13°F for Grade 3 and -40°F for Grade 5 Low temperature stiffness (required for Grades 2, 3 and 5 only). Conditioned for 22 hours at 14°F for Grade 2, -13°F for Grade 3 and -40°F for Grade 5. Max. change in hardness Max. low temperature compression set (required for Grades 2, 3 and 5 only) when tested at 25% compression for: 22 hours at 32°F for Grade 2, 7 days at 14°F for Grade 3, 14 days at each of 14°F and -13°F for Grade 5.	no failure +15 65	no failure +15 65	no failure +15 65	 Shore A Pts. %

S-714.10.3--Steel Laminates. Steel laminates used for reinforcement shall be made from rolled mild steel conforming to ASTM Designation: A 36 or A 1011, unless otherwise specified by the Engineer. The laminates shall have a minimum nominal thickness of 16-gauge. Holes in plates for manufacturing purposes shall be considered in design.

S-714.10.4--Bonding Adhesive. The vulcanized bond between the elastomer and steel laminates shall have a minimum peel strength of 40 pounds per inch. The peel strength shall be performed in accordance with ASTM Designation: D 429, Method B.

S-714.10.5--Fabrication.

S-714.10.5.1--General. Plain pads shall be cast as a single unit in individual molds under heat and pressure except leveling pads 3/8 inch or less in thickness may be sheared. Bearings with steel laminates shall be cast as a unit in a mold and bonded and vulcanized under heat and pressure. The molds shall have standard shop practice mold finish. The internal steel laminates shall be sandblasted and cleaned of all surface coating rust and mill scale before bonding, shall be free of sharp edges and burrs, and shall have a minimum edge cover of 1/8 inch.

Flash tolerance, finish, and appearance shall meet the requirement of the latest edition of the Rubber Handbook as published by the Rubber Manufacturers Association, Inc., RMA F3 and T.063 for molded bearings and RMA F2 for extruded bearings.

S-714.10.5.2--Tolerances. Plain pads and laminated bearings shall be built to the design dimensions and these specifications with the following tolerances:

(a)	Overall Vertical Dimensions Design Thickness 1 1/4" or less Design Thickness >1 1/4"	(Inches) -0, +1/8" -0, +1/4"
(b)	Overall Horizontal Dimensions 36" and less over 36"	-0, +1/4" -0, +1/2"
(c)	Thickness of Individual Layers of Elastomer Laminated Bearings Only at any point within the bearing	±20% of design value but no more than ±1/8"
(d)	Variation from a Plane Parallel to the Theoretical Surface as determined by measurements at the edge of the bearings:	
	Top	slope relative to bottom of no more than .005 radians
	Sides	1/4"
(e)	Position of Exposed Connection Members	1/8"
(f)	Edge cover of Embedded Laminates or Connection Members	-0, +1/8"
(g)	Size of Holes, Slot or Inserts	±1/8"
(h)	Position of Holes, Slots, or Inserts	±1/8"

S-714.10.6--Acceptance Procedure. The acceptance criteria shall be at two levels. Level I acceptance shall be applied to all elastomeric bearings. Level II acceptance criteria shall be applied as required on the plans or contract documents. Level II criteria shall also be used to resolve differences over the acceptance of bearings to which only Level I tests have been applied.

Level I criteria require that bearing pads be manufactured according to this specification and any additional requirements specified on the plans. The manufacturer shall proof load each steel reinforced bearing with a

compressive load of 1500 psi. If bulging patterns imply laminate placement which does not satisfy design criteria and manufacturing tolerances or if bulging suggests poor laminate bond, the bearing shall be rejected. If there are 3 separate surface cracks which are greater than 0.08 inch wide and inch deep, the bearing shall be rejected.

A copy of the proof loading results for each lot of steel reinforced bearings shall be furnished to the Engineer prior to shipment of the bearings.

The Engineer reserves the right to require that proof

loading be done in the presence of and witnessed by a representative of the Engineer. Whether an Engineer representative was present to witness the proof loading or not, the manufacturer's certification concerning compliance with the requirements of the contract shall attest to acceptable proof loading.

Level I criteria require that the elastomer satisfy the minimum properties of Table I. Level I criteria also include bond test for laminated bearings (ASTM Designation: D 429, Method B).

Level II certification requires that all Level I conditions be satisfied, except that individual conditions may be waived by the Engineer if Level II certification is used as an arbitration of disputes. Additionally, shear modulus and compressive stiffness shall be determined in accordance with ASTM Designation: D 4014. The shear modulus shall fall within the range of values specified in the following Table. Compressive stiffness tests shall be performed on the complete bearing. The compressive stiffness shall vary by no more than ± 10 percent from the median value of all bearings.

Table

HARDNESS (SHORE A)	50	60	70
Shear Modulus at 73°F (psi)	85-100	120-155	160-200

The Contractor shall furnish to the Engineer three copies of the manufacturer's certified test reports and certification that each lot in a shipment complies with the requirements of the contract.

S-714.10.7--Marking. Each reinforced bearing shall be marked in indelible ink or flexible paint. The marking shall consist of the order number, lot number, bearing identification number, and elastomer type and grade number. Unless otherwise specified in the contract documents, the marking shall be on a face which is visible after the erection of the bridge.

S-714.10.8--Sampling. A lot for plain bearings shall be the manufacturer's lot. Each designated thickness of laminated bearings used on a project shall constitute a lot. Unless otherwise specified on the plans or in the contract documents, sampling shall be at the rate of one bearing per lot. The supplier shall produce sufficient extra bearings (pads) to accommodate this sampling. Bearings (pads) from within a lot shall be selected at random by the Engineer as samples for inspection and testing.

S-714.11--Portland Cement Mortar and Grout.

S-714.11.1--General. The ingredients for portland cement mortar and grout shall conform to the following requirements:

1. Portland Cement - S-701.01
2. Masonry Cement - S-701.02 3.
3. Water - S-714.01.2
4. Fine aggregate unless otherwise designated shall conform to the requirements of S-703.02 or S-703.18
5. Calcium chloride - S-714.02
6. Hydrated lime - S-714.03.2 7.
7. Fly Ash - S-714.05
8. Limestone Dust - S-714.03.5

S-714.11.2--Grout for Pressure Grouting. Grout for pressure grouting shall consist of a mixture of portland cement, water, calcium chloride, fly ash and/or limestone dust and fine sand in the proportions set forth in S-612.02.2.

Fine sand shall meet the following requirements:

<u>Square Mesh Sieve</u>	<u>Percent Passing by Weight</u>
No. 10	100
No. 60	40-90
No. 200	0-50
Percent Silt	0-25
Percent Clay	0-12
Percent Organic Material	0-3
Plasticity Index	N.P.

S-714.11.3--Grout for Posttensioned Members. Grout for posttensioned members shall consist of a mixture of:

1 part portland cement, Type 1 1/4 part fly ash

3/4 part washed sand (all passing No 16 sieve,
not more than five percent retained on No. 30 sieve)

Four to six gallons of water per bag of cement

A plasticizing admixture, subject to approval by the Engineer, shall be used in accordance with the manufacturer's recommendations.

The grout shall be mixed in a mechanical mixer, shall have the consistency of heavy paint and shall be agitated until placed.

Members shall not be moved before the grout has set; ordinarily 24 hours minimum at 80°F or higher.

S-714.11.4--Blank.

S-714.11.5--Masonry Mortar. Masonry mortar shall consist of masonry cement mixed in accordance with the formula shown on the bag or shall consist of one part portland cement, three parts mortar sand (the addition of hydrated lime will be permitted in the proportion of 1/10 part by volume of the cement), and sufficient water to make a mortar of such consistency that it can be easily handled and spread with a trowel.

Mortar for use in other than masonry work, fine aggregate meeting the requirements of S-703.02 may be used.

Unless an approved mortar mixing machine is used, the sand and mortar mix, or cement and lime, shall be mixed dry in a tight box until the mixture assumes a uniform color, after which water shall be added as the mixing continues until the mortar attains the proper consistency.

Mortar shall be used within 45 minutes after its preparation. Retempering of mortar will not be permitted.

S-714.11.6--Rapid Setting Commercial Grouts and Concrete Patching Compounds. Rapid setting commercial grouts and concrete patching compounds must be approved for listing in the MDOT's "Approved Sources of Materials" prior to use, and shall be premeasured and packaged dry by the manufacturer. All liquid solutions included by the manufacturer as components of the packaged material shall be packaged in a watertight container. The manufacturer may include aggregates in the packaged material or recommend the addition of Contractor furnished aggregates.

The type, size and quantity of aggregates, if any, to be added at the job site shall be in accordance with the manufacturer's recommendations and shall meet the requirements of S-703.02 for fine aggregate and S-703.03 for coarse aggregate. Required mixing water to be added at the job site shall meet the requirements of S-714.01.2.

Only those bonding agents, if any, recommended by the manufacturer of the grout or patching compounds may be used for increasing the bond to old concrete or mortar surfaces.

Grout or patching compounds containing chlorides will not be permitted when in contact with steel.

Site preparation, proportioning of materials, mixing, placing and curing shall be performed in accordance with the manufacturer's recommendation for the specific type of application, and the Contractor shall furnish a copy of these recommendations to the Engineer.

Rapid setting non-shrink commercial grouts and concrete patching compounds, including components to be added at the job site, shall conform to the following physical requirements:

Compressive strength shall equal or exceed 3000 psi in 24 hours when tested in accordance with Mississippi Test Method MT-4.

Bond strength shall equal or exceed 100 psi in 24 hours when tested in accordance with Mississippi Test Method MT-4.

The material shall not shrink, and the increase in length at 28 days shall not be greater than 0.3% when tested in accordance with Mississippi Test Method MT-4.

The Contractor shall furnish to the Engineer three copies of the manufacturer's certified test report(s) showing results of all required tests and certification that the material meets the specifications when mixed and place in

accordance with the manufacturer's instructions. When the mixture is to be placed in contact with steel, the certification shall further state that the packaged material contains no chlorides. Certified test report(s) and certification shall be furnished for each lot in a shipment.

The proportioning of materials must be approved by the an approved lab, and any subsequent change in proportioning must also be approved. A sample of each component shall be submitted to the Engineer along with the quantity or percentage of each to be blended. At least 45 days must be allowed for initial approval.

The proportioning of materials for subsequent lots may be approved by the a n approved lab, upon receipt of certification from the manufacturer that the new lot of material is the same composition as that originally approved and that the material has not been changed or altered in any way.

S-714.11.7--Commercial Grout for Anchoring Doweled Tie Bars in Concrete.

S-714.11.7.1--Epoxy Grout Anchor System. Epoxy grout shall consist of one part liquid epoxy to a maximum of four parts clean dry silica sand by volume. The epoxy shall be a two-component epoxy-resin bonding system for application to portland cement concrete. The silica sand shall be bagged general purpose blast cleaning sand. The grout shall be placed with equipment that dispenses the grout evenly around the bar and completely fills the hole. Tamping the material in the hole by hand will not be satisfactory.

S-714.11.7.2--Non-Expanding Chemical Anchor System. Chemical anchor system shall consist of a premeasured unit containing polymeric or epoxy type resin, a hardener and may also include quartz sand aggregate. The resin and hardener shall be isolated from each other by a physical-chemical barrier or may be contained in separate premeasured units.

S-714.11.7.3--Installation. Unless otherwise specified, installation and hole sizes shall be in accordance with the manufacturer's recommendations.

S-714.11.7.4--Acceptance Procedure. The anchor system must be one from MDOT's "Approved Sources of Materials". Prior to use, the Contractor shall furnish the Engineer three copies of the manufacturer's certification for each shipment stating that the material furnished is of the same composition as that originally approved and that the material has not been changed or altered in any way.

Each day an in-place tension test shall be performed at random on a tie bar with a maximum curing time of two hours. If the test fails to meet the total load required to stress the bar to 50,000 psi, three additional tests shall be made at random. If any of the additional tests fail, all bars installed on that day shall be tested and any bar that fails shall be replaced. The Contractor shall furnish the testing device which shall include a certified calibration chart. No separate measurement for payment will be made for the testing device.

S-714.11.8--Epoxy Joint Repair System.

S-714.11.8.1--General. When the epoxy system is from MDOT's current list of "Approved Sources of Materials", the Contractor shall furnish the Engineer three copies of the manufacturer's certification, for each shipment, stating that the epoxy and all components is the same composition as that originally approved and that the material has not been changed or altered in any way.

If the materials proposed for use are not from the MDOT's current list of approved materials, a sample of

the epoxy and all components required for the epoxy mortar mix shall be submitted to the Engineer for evaluation and approval at least 30 calendar days prior to placement. Subsequent approval of each shipment may be by manufacturer's certification as set out above.

A representative of the epoxy manufacturer must be present for sufficient time to assure that the Contractor is properly schooled in the use of the epoxy materials.

S-714.11.8.2--Epoxy Resin. The material shall meet the requirements of ASTM Designation: C 881, Type I, Grade 2, Class C.

S-714.11.8.3--Silica Sand. The material shall be bagged general purpose blast cleaning sand.

S-714.11.8.4--Epoxy Mortar Mix. The mortar mix shall consist of one part liquid epoxy to 3.5 parts clean dry sand by volume.

S-714.11.8.5--Mixing and Curing. Mixing of all epoxy materials shall be accomplished with a mechanical mixer. A trial batch of mortar, approximately one cubic foot, will be mixed and used for joint repair. From this batch, the pot life and subsequent amount of material to be mixed will be determined.

S-714.12--Sprayed Finish for Concrete Surfaces. The spray material shall be an approved commercial product designed specifically for a sprayed finish and when applied to the concrete specimens at a rate of one gallon per 50 square feet shall conform to the following requirements:

S-714.12.1--Freeze-Thaw Test. Cast and cure three concrete specimens, not less than 4" x 6" x 6", of the mix designed for the structure. Fourteen days moist curing with a drying period in room air at 60° to 80°F for 24 hours before coating with spray finish is required. Caution shall be taken that there be no excessive oil on specimen forms. Coat sides of specimens (brush permitted) as hereinbefore set out and cure at room temperature for 48 hours; after which:

1. Immerse in water at room temperature (60° to 80°F) for three hours; remove and,
2. Place in cold storage at -15°F for one hour; remove and,
3. Thaw at room temperature (60° to 80°F) for one hour.
4. Repeat Steps 2 and 3 to complete a total of 50 cycles.

At the end of 50 cycles of Freeze/Thaw Test, the specimens shall show no visible defects.

S-714.12.2--Accelerated Weathering. Material shall be subjected to a 5000 hour exposure test in accordance with ASTM Designation: G 151. Testing shall be performed in conjunction with either ASTM Designation: G 153, Carbon Arc Light Apparatus, or ASTM Designation: G 155, Xenon Arc Light Apparatus. Test Exposure Conditions shall be as specified in Table X1.1, Cycle 1 in ASTM Designation: G 153, or Table X3.1, Cycle 1 in ASTM Designation: G 155. At the end of the exposure test, the exposed sample must not show any chipping, flaking or peeling.

S-714.12.3--Fungus Growth Resistance. Material to be used shall pass a fungus resistance test as described by ASTM Designation: D 3273 with a minimum incubation period of 21 days where no growth shall have been indicated after the test.

S-714.12.4--Color. The color of the finish shall be that deemed by the Engineer to be as close as practicable to the color of a rubbed concrete finish.

S-714.12.5--Testing and Certification. All testing shall be performed by a qualified commercial testing laboratory acceptable to the Engineer.

Before part of a shipment is applied on the project, the Contractor shall furnish the Engineer with a certificate from the manufacturer attesting that the commercial product furnished conforms to the same formula as that previously subjected to the specified tests, and approved. Copies of the current test reports shall be attached to the certificate.

No test report for tests made more than four years prior to shipment to the project will be accepted.

S-714.13--Geotextiles.

S-714.13.1--General. Unless specified otherwise, the geotextile may be woven or non-woven. The fibers used in the manufacture of the geotextiles and the threads used in joining geotextiles by sewing, shall consist of long-chain synthetic polymers, composed of at least 95% by weight polyolefins, polyesters, or polyamides. They shall be formed into a network such that the filaments or yarns retain dimensional stability relative to each other, including selvages. The geotextile shall be mildew resistant and inert to biological degradation and naturally encountered chemicals, alkalines and acids. Geotextile which is not protected from sunlight after installation shall contain stabilizers and/or inhibitors to make it resistant to deterioration from direct sunlight, ultraviolet rays, and heat.

The edges of the geotextile shall be salvaged or finished in such a manner to prevent the outer yarn of filaments from raveling. The geotextile shall be free of defects or flaws, which affect the required physical properties.

Geotextile for silt fence shall be manufactured in widths of not less than three feet, and geotextile for other applications shall be manufactured in widths of not less than six feet. Sheets of geotextile may be sewn or bonded together at the factory or other approved locations, but deviation from the physical requirements will not be permitted.

Acceptance testing, except geotextile for silt fence, will be conducted with geotextile samples from each lot shipped to the project, as per Subsection S-714.13.10.

S-714.13.2--Geotextile for Silt Fence. The geotextile shall conform to the physical requirements of Type I or II as shown in Table I. Unless a specific type is specified in the plans or contract documents, the Contractor may select Type I or II.

S-714.13.2.1--Woven Wire Backing. Except as provided herein, silt fence shall be reinforced with a woven wire backing. The wire backing shall be at least 32 inches high and have no less than six horizontal wires. Vertical wires shall be spaced no more than 12 inches apart. The top and bottom wire shall be 10 gage or larger. All other wire shall be no smaller than 12 1/2 gage.

S-714.13.2.2--Posts. Wood or steel posts may be used. Wood posts shall have a minimum diameter of three inches and length of five feet and shall be straight enough to provide a fence without noticeable misalignment. Steel tee posts shall be five feet long, approximately 1 3/8 inches wide, 1 3/8 inches deep, and 1/8 inch thick with a nominal weight of 1.33 pounds per foot prior to fabrication. The posts shall have projections, notches or holes for fastening the wire backing or geotextile to the posts.

S-714.13.2.3--Staples. Staples shall be made of nine gage wire with a minimum length of one inch after bending.

S-714.13.3--Geotextile for Subsurface Drainage. Unless otherwise specified, the geotextile shall conform to the physical requirements of Type III as shown in Table I.

S-714.13.3.1--Geotextile for Edge Drains. The geotextile shall conform to the physical requirements of Type V as shown in Table I, except the AOS for the woven geotextile shall have a range of 0.15 mm to 0.43 mm.

S-714.13.4--Geotextile Underseal. The geotextile shall be non-woven polyester or polypropylene, which is satisfactory for use with asphalt cements. Unless otherwise specified, the geotextile shall conform to the physical requirements of Type IV in Table I.

S-714.13.5--Geotextile for Use Under Riprap. Unless otherwise specified, the geotextile shall conform to the physical requirements of Type V in Table I. The requirements for grab tensile, puncture, and trapezoidal tear strengths may be reduced 50 percent when the geotextile is cushioned from rock placement by a 6-inch minimum layer of sand.

S-714.13.6--Geotextile Stabilization. The geotextile shall meet the physical requirements as shown in Table I for the Type specified in the plans or contract documents.

S-714.13.7--Securing Pins. Steel pins used for anchoring the geotextile shall be three-sixteenth inch (3/16") in diameter, minimum length of 15 inches, pointed at one end and fabricated with a head for retaining a steel washer. A minimum one and one-half inch (1 1/2") washer shall be installed on each pin.

S-714.13.8--Identification. Each roll of geotextile or container shall be visibly labeled with the name of the manufacturer, type of geotextile or trade name, lot number, and quantity of material.

S-714.13.9--Shipment and Storage. During shipment and storage, the geotextile shall be protected from direct sunlight, ultraviolet rays, temperatures greater than 140°F, mud, dirt, dust, and debris. The geotextile shall be wrapped and maintained in a heavy-duty protective covering, including ends of roll.

S-714.13.10--Acceptance By Certification. The Contractor shall furnish to the Engineer three copies of the manufacturer's certification that each lot in a shipment complies with the requirements of the contract. Certification of geotextile fabric shall include a material conformance statement, as per S-700.05.1, that the geotextile fabric meets or exceeds the minimum average roll values specified in Table I. All geotextile, steel pins, washers, fence posts, woven wire and wire staples are subject to approval by the Engineer upon delivery to the work site.

714.13.11 – Table.

TABLE I, GEOTEXTILES

Type Designation	I ^a	II ^a	III	IV	V	VI		VII		
Application	Sediment Control		Drainage	Paving	Separation & Drainage	Separation, Stabilization & Reinforcement				
Physical Properties										
Grab Strength, Pounds	50	90	110	90	200	W 280	NW 180	W 450	NW 280	ASTM D 4632
Elongation %	----	50% max @ 45 lbs.	20% min	50% min @ break	50% min	50% max	50% min	50% max	50% min	ASTM D 4632
Seam Strength, Pounds	----	----	70	----	180	240	160	400	240	ASTM D 4632
Puncture Strength, Pounds	----	----	40	----	80	110	75	180	115	ASTM D 4883
Trapezoidal Tear, Pounds	----	----	40	----	80	100	70	150	100	ASTM D 4533
Asphalt Retention, gallons / square yard	----	----	----	0.2	----	----	----	----	----	ASTM D 6140
Permittivity, sec ⁻¹	0.05	0.05	0.5	----	0.15	0.2	0.2	0.2	0.2	ASTM D 4491
AOS Woven, mm	0.15 - 0.84	0.15 - 0.84	0.15 - 0.43	----	0.21 - 0.43	0.15 - 0.21	----	0.15 - 0.21	----	ASTM D 4751
AOS Non-Woven, mm	<0.84	<0.84	<0.43	----	<0.43	----	<0.43	----	<0.43	ASTM D 4751
Tensile Strength after UV, % Retained	70@500 Hr.	70@ 500 Hr.	70@ 150 Hr.	----	70@ 150 Hr.	70@ 150 Hr.		70@ 150 Hr.		ASTM D 4355
Melting Point, °F	----	----	----	325	----	----		----		ASTM D 276

a. All property values, with the exception of apparent opening size (AOS), represent minimum average roll values in the weakest principal direction.

SECTION S-715 - ROADSIDE DEVELOPMENT MATERIALS

S-715.01--Topsoil.

S-715.01.1--General. Topsoil shall be a well-graded soil of good uniform quality, without detrimental admixture of subsoil, refuse, or foreign material and reasonably free of hard clods, stones, cement, brick, slag, concrete, sticks, or other undesirable material harmful to plant life.

S-715.01.2--Material to be Obtained from within the Project Limits. Topsoil for slope treatment shall meet the general requirements as stated above and shall have a pH value of not less than 4.5 nor more than 8.0.

S-715.01.3--Material to be Furnished by the Contractor. Topsoil for slope treatment shall meet the general requirements of S-715.01.1, shall have a pH value of not less than 4.5 nor more than 8.0, and shall be classified as a group A-4 or A-6 soil with minimum PI of 6.0 as specified by AASHTO Designation: M 145.

S-715.01.4--Sampling and Testing. Sampling and testing of topsoil shall be as set out in S-700.03.

S-715.02--Fertilizers.

S-715.02.1--General. Fertilizers shall comply with the fertilizer laws of the State of Mississippi.

S-715.02.2--Commercial Combination or Manufactured Fertilizer. Combination or manufactured fertilizer shall be "standard commercial products" and shall contain not less than the percentages by weight of the ingredients set out in Table A, except for agricultural limestone which shall meet the requirements of S-715.02.2.1.

TABLE A – TYPES OF FERTILIZERS

	COMBINATION								MANUFACTURED				
	* 10	18	6	15	12	8	0	13	Super Phosphat e	Ammonium Nitrate	Ure a	Muriat e Potash	Ureafor m
	10	46	8	10	24	24	20	13					
	10	0	8	10	12	24	20	13					
CHEMICAL COMPONENTS													
Nitrogen	* 10	18	6	15	12	8	0	12		33	45		38
Phosphorous P ₂ O ₅	10	46	8	10	24	24	20	13	20				
Potash K ₂ O	10	0	8	10	12	24	20	13				60	

*Ureaform (38-0-0) – This fertilizer shall contain a minimum of 38% total nitrogen, 27% of which shall be insoluble nitrogen derived from ureaform. The final mixture shall have a minimum activity index (AI) of 50% as determined by the appropriate AOAC procedure.

*Ureaform (10-10-10) – This fertilizer shall contain a minimum of 10% total nitrogen, 35% of which shall be insoluble nitrogen derived from ureaform. The final mixture shall have a minimum activity index (AI) of 40% as determined by the appropriate AOAC procedure.

S-715.02.2.1-- Agricultural Limestone. Agricultural limestone shall be either a Grade “A” liming material, or a marl or chalk agricultural liming material as addressed in the latest Mississippi Agricultural Liming Material Act of 1993, published by the Mississippi Department of Agriculture and Commerce.

S-715.02.2.1.1--Screening Requirements. Grade “A” liming material, including ground shells, shall not have less than 90% of the material passing the No. 10 sieve, and not less than 50% passing the No. 60 sieve. Marl or chalk lining material shall not have less than 90% of the material passing the No. 10 sieve.

S-715.02.2.1.2--Neutralizing Values. Grade “A” liming material shall not have less than 90% calcium and magnesium carbonate calculated as calcium carbonate equivalent when expressed on a dry weight basis. Marl or chalk liming material shall not have less than 70% calcium and magnesium carbonate calculated as calcium carbonate equivalent when expressed on a dry weight basis.

S-715.02.3--Sampling and Testing. Sampling and testing of agricultural limestone shall be in accordance with S-700.03. Labels on containers or attached thereto showing the guaranteed analysis of other fertilizers will be prima facie evidence as to conformity with the specified requirements.

S-715.03--Seed.

S-715.03.1--General. All seeds shall comply with the seed law of the State of Mississippi and the current regulations duly promulgated thereunder. The seed shall be delivered in bags with certified tags or labels attached to each bag showing the name (kind and variety), percent of germination and purity of the seed, and the percent of obnoxious weeds and inert matter.

S-715.03.2--Germination and Purity Requirements. The requirements for germination and purity shall be as set out in Table B:

TABLE B
GERMINATION AND PURITY REQUIREMENTS

Name (Kind)	Name (Variety)	Percent Germination	Percent Purity
GRASSES			
Bermudagrass	Common	85	95
Bahiagrass	Pensacola or Wilmington	85	85
Tall Fescue	Kentucky 31	80	95
Lovegrass	Weeping	80	97
Carpetgrass	-----	80	85
Millet	Browntop	85	98
Oats	-----	90	98
Rye Grain	-----	80	98
Centipede	-----	80	85
LEGUMES			
Crimson Clover	Dixie, Chief, Tibbee or Autauga	85	98
Annual Lespedeza	Kobe, Summit, or Climax	80	98
Sericea Lespedeza	Common, Interstate or Serala	80	98
Lespedeza	Vergata	90	98
Vetch	Hairy	85	95

S-715.03.3--Sampling and Testing. Except as provided in S-214.02, the certified analysis shown on the seed bags will be used to determine the purity, obnoxious seeds, and inert matter as to conformance with the above requirements. Seeds from bags not identified by certified analysis or from bags with certified analysis indicating the seeds do not meet contract requirements shall not be used.

All seeds may be sampled and tested for percent germination, and the Engineer reserves the right to sample and test seeds for any required characteristic when deemed appropriate to do so as a check on the quality of the seeds; in which case the results of such tests shall be the basis for acceptance, rejection, or adjustment under the provisions of the contract.

Samples of seed to be tested will be taken by personnel under the supervision of the Engineer. The seeds will be sampled by means of a trier (probe) through the seed bags. A 1/4 pound sample will be required from each seed lot with equal quantities being taken from each sack within a lot to make up the sample.

S-715.03.4--Leguminous Inoculants. Approved legume seeds shall be treated with leguminous inoculant under the supervision of the Engineer. The inoculants for treating leguminous seeds shall be standard, pure culture of nitrogen fixing bacteria. The seed shall be treated at the rate specified and according to the directions shown on the container of the inoculants and before the expiration date for use of the inoculant as also shown on the container.

S-715.04--Water. Water used in planting and establishment of vegetation shall comply with the applicable requirements of S-714.01.

S-715.05--Vegetative Materials for Mulch. The vegetative materials for mulch shall be classed as follows:

Type I. Approved baled straw of wheat, oat, rye grain, rice, broomsage or Bahia grass (with seed heads) which has reached maturity prior to cutting.

Type II. Approved baled hay produced from Bermuda, Bahia, Fescue, Dallis Grass, any of the Lespedezas, or combinations thereof.

All of the above materials shall have been properly cured prior to baling and shall be reasonably free from Johnson Grass and other obnoxious grasses and weeds. Vegetative material shall be reasonably bright in color, dry, and shall not be musty, moldy, or of otherwise low quality. Vegetative material that is wet or that has been baled green (nor cured properly) shall not be used.

Unless otherwise permitted in writing by the Engineer, Type I shall be furnished and used. The Engineer may permit the use of Type II when the Contractor has furnished satisfactory evidence in writing that Type I material is not available.

S-715.06--Blank.

S-715.07--Mulch for Woody Plant Materials. The mulch materials shall conform to the following.

S-715.07.1--Tree Bark Mulch. The mulch shall be a standard manufactured product of ground, shredded, or broken particles from the bark of trees and shall be reasonably free of weed seeds, harmful bacteria, or disease spores and substances toxic to plant growth. The mulch particles shall be of the following type(s), as specified in the contract:

Type I - Commonly known as extra coarse. Particle size shall be approximately one inch to 2 1/2".

Type II - Commonly known as coarse. Particle size shall be approximately 1/2 inch to one inch.

Type III - Commonly known as medium. Particle size shall be approximately 1/4 inch to 1/2 inch.

Type IV - Commonly known as fine. Particle size shall be approximately 1/8 inch to 1/4 inch.

All tree bark mulch shall be handled so as to insure proper protection against contamination at all times. The mulch shall be delivered to the job in unbroken bags or bales with a manufacturer's label or tag on each container. Labels or tags on the containers shall show the physical analysis of the contents, the size of the particles, and the volume. Labels on containers or attached thereto showing the guaranteed analysis and volume will be prima facie evidence of the materials meeting the above requirements. All mulch will, however, be subject to approval by the Engineer as to quality and quantity.

S-715.07.2--Aggregate Mulch. Aggregate used as mulch shall be crushed or uncrushed gravel Size 5 or Size 56 meeting the gradation requirements of S-703.14 for coarse aggregate cover material.

S-715.07.3--Straw. Straw material for mulch shall be classed as follows:

Class I - Approved baled wheat, oat, rice or rye straw. The materials shall have been cured properly prior to baling and shall be reasonably free from obnoxious grasses and weeds. The straw material shall be reasonably bright in color, dry and shall not be musty, moldy, or of otherwise low quality.

Class II - Approved baled pine needles that is reasonably free of twigs, branches, and obnoxious grasses and weeds. The material shall be dry and shall not be musty, moldy, or of otherwise low quality. All straw mulch shall be inspected and approved by the Engineer prior to its use.

S-715.08--Fertilizer for Woody Plant Materials. The fertilizer material for woody plants shall conform to the following requirements:

S-715.08.1--Fertilizer Packet. The fertilizer packet shall consist of an approved manufactured sealed polyethylene-paper laminated perforated packet containing one, two, or four ounces of water soluble fertilizer with a minimum guaranteed analysis of 16-8-16, 16% Nitrogen, 8% Phosphoric Acid, 16% Potash.

S-715.08.2--Fertilizer Tablet. The fertilizer tablet shall consist of an approved tightly compressed slow-release tablet 5, 10 or 21 gram size containing a minimum guaranteed analysis of 20-10-5, 20% Nitrogen, 10% Phosphoric Acid, 5% Potash.

S-715.08.3--Guaranteed Analysis. Labels on containers or attached thereto showing the guaranteed analysis will be prima facie evidence of the fertilizer materials meeting the specified requirements. All fertilizer packets and tablets will, however, be inspected and approved by the Engineer or, at the Engineer's discretion, may be sampled and tested.

S-715.09 - Ditch Liner Material. All ditch liner materials shall be new and free of rips or tears.

S-715.09.1--Jute Mesh. Jute mesh shall be of uniform, plain weave with warp and weft yarns of approximately the same size. The physical requirements shall be:

Length	50 yards per roll, minimum
Width	48" plus or minus 1"
Warp ends	78 per width, minimum
Weft yarns	41 per yard, minimum

The weight of cloth Shall average 1.22 pounds per linear yard with a tolerance of plus 10% or minus 5%.

S-715.09.2--Excelsior Blanket. Excelsior blanket shall consist of a machine-produced mat of interlocking wood excelsior with uniform thickness and the fiber evenly distributed over the entire area of the blanket. A fabric net of extruded plastic shall be applied to one side of the excelsior wood mat to hold the wood fibers in place.

The blankets shall not be exposed to moisture prior to placing.

The blanket shall meet the following requirements:

Interlocking Wood Fibers	0.02" x 0.04" (+ 25%) 50% must be 3 1/2" or longer
Fabric Net	1 1/2" x 3 1/2" maximum mesh size
Width	36" minimum

S-715.09.3--Erosion Control Blanket. The erosion control blanket shall consist of a machine-produced mat whose primary component is clean, weed-free straw from cereal grain crops. The straw must be evenly distributed throughout the mat. The top side of the blanket shall be covered with a photodegradable plastic mesh having 3/4" x 3/4" maximum openings which shall be substantially adhered to the straw by a knitting process using degradable thread. The blanket shall be supplied in a protective covering and shall meet the following requirements:

Straw *	0.50 pounds per square yards minimum dry weight
Netting	Photodegradable plastic
Width	48-inch minimum

* Coconut fiber may be used to replace a portion or all of the straw.

S-715.09.4--Erosion Control Fabric. Erosion control fabric shall consist of a flexible knitted construction of high strength degradable yarn with uniform openings interwoven with strips of biodegradable paper and shall conform to the following requirements:

Width	- 48 inches minimum
Weight	- 0.2 pound per square yard (approximate)

S-715.09.5--Wire Staples. The staples for securing the ditch liner material in place shall be a double prong "U" configuration made from 11-gauge or heavier steel wire with an approximate length of six inches after bending.

S-715.09.6--Roving.

S-715.09.6.1--Polypropylene Roving. This material shall be formed from continuous strands of fibrillated polypropylene yarn, collected into a rove. Fibrillation is defined as a net-like physical structure of the yarn created by splitting the yarn in a precise pattern during manufacture.

The polypropylene shall contain a sufficient amount of UV inhibitors so as to retain 70 percent of its strength after 500 hours of exposure in an Atlas Twin Arc Weatherometer.

The fibrillated polypropylene roving shall have the following detailed requirements:

Property	Limits	Test Method
Strands / Rove	20-30	End Count
Yards per Pound of Rove	410-620	ASTM Designation: D 1907
Package Weight, pounds	18 minimum	Scale
Color	Black	

S-715.09.6.2--Fiberglass Roving. The material shall be formed from continuous fibers drawn from molten glass, coated with a chrome complex sizing compound, collected into strands, and lightly bound together into a rove.

The fiberglass roving material shall meet the following detailed requirements:

<u>Property</u>	<u>Limits</u>	<u>Test Method</u>
Yield, yards per pound	170 - 300	ASTM Designation: D 578 Fiber Diameter, inch
	0.00035 - 0.00055	ASTM Designation: D 578 Strands / Rove
	50 - 70	End Count
Package Weight, pounds	25-50	Scale

S-715.09.7--Certification. The Contractor shall furnish the Engineer with three copies of the manufacturer's certification for each shipment of ditch liner material stating the amount furnished and that the material complies with the requirements of the specifications and also forward three copies of the manufacturer's or distributor's certification showing the wire size for each shipment of staples.

The certifications by the manufacturer or distributor will be prima-facie evidence of the materials meeting the specified requirements. All ditch liner material and staples will, however, be subject to approval by the Engineer.

SECTION S-720 - PAVEMENT MARKING MATERIALS

S-720.01--Glass Beads for 40 mil Hot Applied Spray Paint. Shall meet the requirements of S-710.03.5 and S-710.03.6 unless stated otherwise. Glass beads for thermoplastic shall be Class A, unless otherwise specified.

S-720.01.1--Class A. The Class A, Standard, beads shall be Type 1, non-flotation with a moisture resistant coating conforming to the requirements of AASHTO Designation: M 247.

S-720.01.2--Class B. The Class B, High-Visibility, beads shall be non-flotation, embedment coated and conform to the following specific requirements.

S-720.01.2.1--Gradation. The beads shall meet the gradation requirements of Table 1.

Table 1

<u>Sieve No.</u>	<u>% Retained</u>
12	0
14	0-5
16	5-20
18	40-80
20	10-40
25	0-5
Pan	0-2

S-720.01.2.2--Roundness. The beads shall have a minimum of 80 percent rounds per screen for the two (2) highest sieve quantities. The remaining sieve fractions shall be no less than 75 percent rounds.

S-720.01.2.3--Angular Particles. The beads shall have no more than three (3) percent angular particles per screen.

S-720.01.2.4--Refractive Index. The beads shall have a refractive index of 1.50 to 1.52.

S-720.01.3--Packaging and Marking. The beads shall be packaged in 50 or 55-pound moisture proofed bags. Each bag shall be stamped with the following information: name and address of manufacturer, shipping point, trademark or name, the wording "glass beads", class, weight, lot number and the month and year of manufacture.

S-720.01.4--Acceptance Procedures. The manufacturer shall furnish the Engineer three copies of the certified test report(s) showing results of all required tests and certification that the material meets the specifications.

S-720.02--Temporary Raised Pavement Markers. S-720.02.1—

Material Requirements:

- A. The temporary raised markers shall be flexible reflective tabs. The markers shall be yellow with amber reflective area on both sides. The body of the marker shall consist of a base and vertical wall made of polyurethane or other approved material and shall be capable of maintaining a reasonable vertical position after installation. The initial minimum reflectivity at an angle of incidence of 4° and an observation angle of 0.2° shall be 2.5.
- B. The markers shall be of standard size and quality with amenities as manufactured by: an approved manufacturer as listed on the Mississippi Department of Transportation's List of Approved Products for Traffic Marking Materials.
- C. The reflective material shall be protected with an easily removable cover of heat resistant material capable of withstanding and protecting the reflective material from the application of asphalt at temperatures exceeding 325°F.

S-720.02.2--Certificates of Compliance. The contractor shall furnish three copies of certifications from the manufacturer stating that the material meets the requirements of these specifications, (Reference S-106.04 of the standard specifications).

S-720.03--Thermoplastic Pavement Markings. The thermoplastic material shall conform to AASHTO Designation: M 249 except the glass beads shall be moisture resistant coated. Additional beads by the drop-on method shall be applied at a rate of not less than two pounds of beads per 100 feet of four-inch stripe.

The manufacturer/producers of the thermoplastic compound, glass beads, epoxy resin, and primer/sealer shall furnish to the Engineer three copies of certified test reports showing results of all tests specified therein and shall further certify that the materials meet all requirements.

S-720.04--Cold Plastic Pavement Markings.

S-720.04.1--General. The prefabricated markings described shall consist of white or yellow pigmented plastic films with reflective glass spheres uniformly distributed throughout their entire cross-sectional area, and be capable of being affixed to bituminous or portland cement concrete pavements by either a pressure sensitive precoated adhesive or a liquid contact cement. The markings shall be provided complete in a form that will facilitate rapid application and protect the markings in shipment and storage.

The manufacturer shall identify proper solvents and/or adhesives to be applied at the time of application, and equipment necessary for proper application, and recommendations for application that will assure an effective performance life.

Prefabricated legends and symbols shall conform to the applicable shapes and sizes as outlined in the "Manual on Uniform Traffic Control Devices", latest edition.

Cold plastic pavement markings shall be listed on MDOT's "Approved Sources of Materials". Prior to use, the Contractor shall furnish the Engineer three copies of the manufacturer's certification for each shipment stating that the material furnished is of the same composition as that originally approved by MDOT and that the material has not been changed or altered in any way.

S-720.04.2--Requirements. The material shall be 60 mil retroreflective pliant polymer film.

S-720.04.2.1--Composition. The retroreflective pliant polymer pavement marking film shall consist of a mixture of high quality polymeric materials, pigments, 1.5 index glass beads uniformly distributed

throughout its cross sectional area and with a reflective layer of beads bonded to the top surface. The film shall be composed of the following materials:

Minimum Percent <u>Material</u>	<u>by Weight</u>
Resins & Plasticizers	20
Pigments	30
Graded Glass Beads	33

This film shall be capable of being fabricated into pavement markings of specified thickness and dimensions and of being adhered to asphaltic and/or portland cement concrete by means of a pressure sensitive precoated adhesive, or a liquid contact cement which is applied at the time of installation.

S-720.04.2.2--Conformability and Resealing. The retroreflective pliant polymer pavement marking film shall be capable of conforming to pavement contours, breaks, faults, etc., through the action of traffic at normal pavement temperatures. The film shall have resealing characteristics such that it is capable of fusing with itself and previously applied marking film of the same composition under normal conditions of use.

The film shall show patchability when tested as follows:

- a. Cut two 1" x 3" pieces of the pliant polymer and mark the reflective side of one of the pieces with a pencil to delineate a 1" x 1" area at the end of the piece.
- b. Wet the surface of the area delineated with a cloth soaked in contact cement or a mixture of MEK and toluene for one minute, keeping the surface wet. At the end of one minute, scrape the beads and binder off the sample and wipe the residual binder from the area. Let the sample dry for at least one minute.
- c. Remove the liner from the back of the second piece of film and place the backside on top of the cleaned area on the first piece. The sample (while held together) should now form one piece four inches long by 1 inch wide with the 1" x 1" overlap patch in the center.
- d. Place the patched sample on a hard surface under 1,000 grams per square inch (the area of the overlap splice) maintained at 140°F for two hours.
- e. Remove the sample from the heat and allow to cool to 70°F (room temperature).
- f. Pull the sample in opposite directions to place a shear strain on the patched area. The two pieces shall not separate without tearing.

S-720.04.2.3--Tensile Strength. The film shall have a minimum tensile strength of 40 pounds per square inch of cross section when tested according to ASTM Designation: D 638. A sample 6"x 1" x 0.06" shall be tested at a temperature between 70°F and 80°F using a jaw speed of 12 inches per minute.

S-720.04.2.4--Elongation. The film shall have a minimum elongation of 75% at break when tested according to ASTM Designation: D 638 using a jaw speed of 12 inches per minute.

S-720.04.2.5--Plastic Pull Test. A test specimen made the same size as in S-720.04.2.3 shall support a dead weight of four pounds for not less than five minutes at a temperature between 70°F and 80°F.

S-720.04.2.6--Pigmentation. The pigments shall be selected and blended to provide a marking film which is white or yellow conforming to standard highway colors through the expected life of the film.

S-720.04.2.7--Glass Beads. The glass beads shall be colorless and have a minimum index of refraction of 1.50 when tested using the liquid oil immersion method. The size and quality of the beads will be such that performance requirements for the retroreflective pliant polymer film shall be met.

Bead adhesion shall be such that beads are not easily removed when film surface is scratched firmly with thumbnail.

The film shall have glass bead retention qualities such that when a 2" x 6" sample is bent over a 1/2" diameter mandrel, with the 2" dimension perpendicular to the mandrel axis, microscopic examination of the area on the mandrel shall show no more than 10% of the beads with entrapment by the binder of less than 40%.

S-720.04.2.8--Skid Resistance. The surface of the retroreflective pliant polymer shall provide a minimum skid resistance value of 35 BPN when tested according to ASTM Designation: E 303.

S-720.04.2.9--Reflective Intensity. The photometric quantity to be measured shall be specific luminance and shall be expressed as millicandelas per square foot per foot candle. The minimum initial reflective values shall be 250 for white and 200 for yellow as measured in accordance with Mississippi Test Method MT-70.

S-720.04.2.10--Reflective Retention. The following tests shall be employed to measure reflectivity retention:

- (a) **Taber Abraser Simulation Test.** Using a taber abraser with an H-18 wheel and a 125 gram load, the sample shall be inspected at 200 cycles, under a microscope, to observe the extent and type of bead failure.

No more than 15% of the beads shall be lost due to pop-out and the predominant mode of failure shall be "wear down" of the beads.

- (b) **Qualitative Tests.** Bead bond strengths shall be judged under a microscope with a magnification of at least 5X. The beads shall be difficult to remove, and when removed, beads shall show a portion of the polymeric bead bond retained with the beads rather than clean removal from the sockets.

S-720.04.2.11--Thickness. Unless otherwise indicated on the plans, the retroreflective pliant polymer film, without adhesive, shall be supplied in a standard thickness of 0.06 inch.

S-720.04.2.12--Effective Performance Life. The film, when applied according to the recommendations of the manufacturer, shall provide a neat, durable marking that will not flow or distort due to temperature if the pavement surface remains stable. Although reflectivity is reduced by wear, the pliant polymer shall provide a cushioned, resilient substrate that reduces bead crushing and loss. The film shall be weather resistant and, through normal traffic wear, shall show no appreciable fading, lifting or shrinkage throughout the useful life of the marking, and shall show no significant tearing, roll back, or other signs of poor adhesion.

S-720.04.3--Manufacture's Certification. The Contractor shall furnish the Engineer with three copies of the manufacture's certification stating that each lot in a shipment complies with the requirements of the contract. The Engineer reserves the right to select samples at random for testing.

S-720.05--Preformed Pavement Markings for Construction Zones.

S-720.05.1--General. In addition to the specific material requirements set forth herein, pavement marking materials must have been approved for listing in MDOT's "Approved Sources of Materials" prior to their use. The preformed markings shall consist of white or yellow retroreflective films on a conformable backing.

The size, quality, and refractive index of the glass beads shall be such that the performance requirements for the markings will be met. The bead adhesion shall be such that beads are not easily removed when the material surface is scratched with a thumbnail.

The pigments shall be selected and blended to provide pavement markings which are white or yellow and conform to standard highway colors.

The markings shall be precoated with a pressure sensitive adhesive and shall be capable of being adhered to asphalt concrete or portland cement concrete in accordance with manufacturer's instructions without the use of heat, solvents or other additional adhesive means, and shall be immediately ready for traffic after application.

The markings shall be provided in specified widths and shapes. Preformed words and symbols shall conform to the applicable shapes and sizes as outlined in the current edition of the MUTCD.

The materials shall be packaged in accordance with accepted commercial standards, and when stored in a cool dry area indoors shall be suitable for use for one year after the date of purchase.

S-720.05.2--Classification of Markings. Retroreflective preformed pavement markings shall be of the following types, as specified on the plans or bid sheets:

S-720.05.2.1--Type 1. The markings shall consist of a mixture of high quality polymeric materials, pigments and glass beads with a reflective layer of beads bonded to the top surface. A non-metallic medium coated with a pressure sensitive adhesive shall be incorporated to facilitate removal. The adhesive shall be of a type that is completely removed with the pavement marking or colorless so as not to leave a color mark on the pavement.

Reflectance. The markings shall meet or exceed the initial reflectance values when measured in accordance with the testing procedures of ASTM Designation: D 4592.

INITIAL REFLECTANCE VALUES

	<u>White</u>		<u>Yellow</u>	
Entrance Angle	86°		86°	
Observation Angles	0.2°	0.5°	0.2°	0.5°
SL (mcd/ft ² /fc)	1770	1270	1310	820

The photometric quantity to be measured shall be specific luminance (SL) and shall be expressed in millicandelas per square foot per footcandle. The test distance shall be 50 feet, and the sample size shall be

a 2.0 x 2.5-foot rectangle. The angular aperture of both the photoreceptor and light projector shall be six minutes of arc. The reference center shall be the geometric center of the sample, and the reference axis shall be taken perpendicular to the test sample.

The quantity SL (specific luminance) treats the retroreflector as a surface source rather than a point source whose projected area is visible as an area at the observation position. The quantity SL related to the way the effective retroreflective surface is focused on the retina of the human eye and to the visual effect thereby produced. It is recommended for describing the performance of highway signs and striping, or large vehicular markings which are commonly viewed as discernable surface areas.

S-720.05.2.2--Type 2. The pavement markings shall consist of retroreflective materials on a conformable metallic backing, precoated with a pressure sensitive adhesive which is colorless so as not to leave a color mark on the pavement or of a type that is substantially removed with the pavement marking.

Reflectance. The markings shall meet or exceed the initial reflectance values when measured in accordance with the testing procedures of ASTM Designation: D 4592.

INITIAL REFLECTANCE VALUES

	<u>White</u>		<u>Yellow</u>	
Entrance Angle		86°	86°	
Observation Angles	0.2°	0.5°	0.2°	0.5°
SL (mcd/ft ² /fc)	1360	760	820	510

The sample size, test procedure and measurement of test values shall be as prescribed for Type 1 in S-720.05.2.1.

S-720.05.3--Certificates of Compliance. The Contractor shall furnish three copies of certifications from the manufacturer for each lot of pavement markings used stating that the material meets the requirements of the contract.

S-720.06--Raised Pavement Markers.

S-720.06.1--General. Raised pavement markers, including high performance raised pavement markers, shall be listed in MDOT's "Approved Sources of Materials".

S-720.06.2--Type of Markers. Pavement and jiggle markers shall conform to one or more of the following types:

Type A - Non-Reflective White Jiggle Markers.
 Class 1- Acrylonitrile-Butadiene-Styrene Markers. Class 2 - Ceramic Markers.
 Type AY - Non-Reflective Yellow Jiggle Markers.
 Class 1 - Acrylonitrile-Butadiene-Styrene Polymer Markers. Class 2- Ceramic Markers.
 Type B - 2-Way Clear Reflective Markers. Type C -
 Red-Clear Reflective Markers.
 Type D - 2-Way Yellow Reflective Markers. Type E -
 One-Way Clear Reflective Markers. Type F - One-Way Yellow Reflective
 Markers. Type G - Yellow-Clear Reflective Markers.
 Type H - Chip Seal Clear Reflective Markers. Type I - Chip
 Seal Yellow Reflective Markers.

High performance raised pavement markers shall be available in Types B through G.

S-720.06.3--Acceptance Procedures.

S-720.06.3.1--Marker Type A. The Contractor shall furnish the Engineer three copies of the manufacturer's certified test reports covering all pavement markers shipped to the project. The certified test report shall show the test results on each part of each section contained in Mississippi Test Method MT-17 and shall state that the markers represented by the test results comply with the specifications contained herein in all respects.

The pavement markers will be accepted on the basis of the manufacturer's certified test reports. The Engineer reserves the right to obtain check samples as deemed necessary for determining compliance with this specification

S-720.06.3.1.1--Marker Type B through G. The Contractor shall furnish the Engineer three copies of the manufacturer's certified test reports covering all pavement markers shipped to the project. The certified test reports shall show the test results on each part of the applicable requirements of ASTM Designation: D 4280.

The pavement markers will be tentatively accepted on the basis of the manufacturer's certified test reports. The Engineer reserves the right to obtain check samples as deemed necessary for determining compliance with this specification.

S-720.06.3.2--Marker Type H and I. Prior to use, the Contractor shall furnish the Engineer three copies of a certification for each shipment stating that the material furnished is of the same composition as that originally approved by MDOT and that the material has not been changed or altered in any way. The Engineer reserves the right to obtain check samples as deemed necessary for determining compliance with this specification.

S-720.06.4--Sampling, Tolerances, and Packaging. Pavement markers shall conform to sampling, tolerance, and packaging requirements as set out below.

S-720.06.4.1--Sampling. For Marker Type A, H and I, ten (10) markers of each type and class, selected at random, will constitute a representative sample for each lot regardless of lot size.

For Marker Type B through G, check sampling, when performed, shall require ten (10) markers of each type, selected at random, to constitute a representative sample for each lot regardless of lot size.

A resample of any marker type will consist of twice as many markers as originally sampled.

S-720.06.4.2--Tolerances.

S-720.06.4.2.1--Tolerances For Marker Type A, H & I. At least 90% of the original sampling of each lot of markers shall pass all tests with the following exceptions:

When less than 90% but more than 70% pass all tests, a resample of that lot will be allowed at the request of the Contractor. When less than 70% of the markers from the original sample comply with the requirements, the lot represented by the samples will be rejected and no resample will be allowed. Tolerances for resamples shall be in the same ratio as specified above.

At least two of three specimens, randomly selected for strength, water absorption, and autoclave, and also the averages of the three, must pass the stated requirements; otherwise, three additional markers selected at random shall be tested, and if the same conditions for passing are not met for these latter three markers, the lot will be rejected.

S-720.06.4.2.2--Tolerances For Marker Type B through G. At least 90% of the check sampling of each lot of markers shall pass the strength test required in the Physical Properties Section of ASTM Designation: D 4280 with the following exceptions:

When less than 90% but more than 70% pass the test, a resample of that lot will be allowed at the request of the Contractor. When less than 70% of the markers from the check sample comply with the requirements, the lot represented by the samples will be rejected and no resample will be allowed. Tolerances for resamples shall be in the same ratio as specified above.

S-720.06.4.3--Packaging. Shipments shall be made in containers which are acceptable to common carriers and packaged in such a manner as to insure delivery in perfect condition. All damaged shipments shall be replaced by the Contractor.

Each package shall be clearly marked as to the name of the manufacturer, type, quantity enclosed, lot number, and date of manufacture.

S-720.06.5--Non-Reflective Pavement Markers. Non-reflective jiggle markers shall be either Class 1 or Class 2. Markers shall be approved products as listed on MDOT's "List of Approved Sources of Materials".

S-720.06.5.1--Class 1 Markers. Class 1 non-reflective jiggle markers shall consist of

an acrylonitrile-butadiene-styrene polymer or other approved material, and shall be 4 inches wide x 6 inches long. Infrared curves of materials used in markers shall match approved curves on file at MDOT's Central Laboratory.

Property

Requirement

Heat Resistance	No change in shape or appearance
Resistance	Impact
Load Resistance	No break, chip or crack
	No break, chip, crack or permanent deformation

S-720.06.5.2--Class 2 Markers. Class 2 non-reflective jiggle markers shall consist of a heat-fired, vitreous, ceramic base, and a heat-fired, opaque, glazed surface to produce the properties required in these specifications. The bottom of the marker shall not be glazed. The markers shall be produced from any suitable combination of intimately mixed clays, shales, talcs, flints, feldspars, or other inorganic material which will meet the properties herein required. The markers shall be thoroughly and evenly matured and free from defects which affect appearance or serviceability.

Non-reflective markers shall conform to the following finish and testing requirements:

The top surface of the marker shall be in reasonably close conformity with the configuration shown on the plans. All edges shall be rounded and any change in curvature shall be gradual. The top and sides shall be smooth and free of mold marks, pits, indentations, air bubbles, or other objectionable marks or discolorations. The base of all markers shall be flat (the deviation from a flat surface shall not exceed 0.05 inch) and free from gloss glaze or substances that may reduce its bond to the adhesive.

All tests shall be performed in accordance with Mississippi Test Method: MT-17, which will be on file in the MDOT Materials Division.

<u>Test</u>	<u>Requirement</u>
Glaze thickness	0.005 inch min.
Moh Hardness	6 min.
Directional reflectance (Type A, white markers only)	
Glazed Surface	75 min.
Body of Marker	70 min.
Yellowness Index (Type A, white markers only)	
Glazed Surface	0.07 max.
Body of Marker	0.12 max.
Color (Type AY, yellow markers only), FHWA Highway Yellow Color Tolerance Chart	PR Color # 1
Autoclave Craze, or peel	Glaze shall not spall,
Compressive Loading	750 pounds min.
Water Absorption	2.0% max.

S-720.06.6--Reflective Pavement Markers. Reflective pavement markers shall be listed on MDOT's "Approved Sources of Materials" and shall meet the applicable requirements of ASTM Designation: D 4280.

S-720.06.7--Adhesive for Pavement Markers.

S-720.06.7.1--General Requirements. The adhesive shall be an asphaltic or thermoplastic material suitable for bonding pavement markers to portland cement concrete pavement, hot bituminous pavement and chip-sealed surfaces when the road surface and marker temperatures are in the range of 50°F to 160°F. The composition of the adhesive must be such that its properties will not deteriorate when heated to and applied at temperatures up to 425°F using either air or oil-jacketed melters.

S-720.06.7.2--Specific Requirements. In addition to the specific requirements set forth herein, the adhesive shall be listed on MDOT's "Approved Sources of Materials" prior to its use.

S-720.06.7.3--Packaging and Labeling. The adhesive shall be packaged in self-releasing cardboard containers which will stack properly. The label shall show the manufacturer, quantity, and lot or batch number. "Adhesive for Pavement Markers" or "Adhesive for Traffic Markers" shall be printed in bold lettering on the label.

S-720.06.7.4--Sampling. When required by the Engineer, a minimum of 10 pounds of adhesive per lot or batch received shall be submitted for compliance testing. This may be submitted in the form of an adhesive testing package from each batch or material obtained from a package shipped to the project.

S-720.06.7.5--Manufacturer's Certified Test Report. The adhesive will be accepted by a manufacturer's certified test report. The certified test report shall show the test results and shall state that the adhesive represented by the test results meets all the requirements of the contract and has the properties and characteristics as herein specified. It shall be the Contractor's responsibility to furnish three copies of the manufacturer's test report for each batch of adhesive shipped to the project. The Engineer reserves the right to take samples for testing as he deems necessary.

S-720.06.7.6--Bituminous Adhesive (Standard Type). The asphaltic material and mineral filler shall comply with the following requirements:

(a) Adhesive Properties:

<u>Min.</u>		<u>Max.</u>	<u>Method</u>
Softening Point, °F	200	-	ASTM D 36
Penetration @ 77°F	10	20	ASTM D 5
Flow, inch	-	0.2	MT-73
Heat Stability Flow, inch	-	0.2	MT-73
Viscosity, 400°F, Poises	-	75	MT-73
Flash Point, C.O.C., °F	550	-	ASTM D 92

(b) Asphalt properties determined on the filler-free material derived from the extraction and Abson recovery process as explained in Mississippi Test Method MT-73.

	<u>Min.</u>	<u>Max.</u>	<u>Method</u>
Filler Content, percent by weight	50	75	MT-73
Filler Fineness, percent passing Sieve No. 100	100	-	MT-73
Sieve No. 200	90	-	MT-73
Sieve No. 325	75	-	MT-73

S-720.06.7.7--Flexible Adhesive. The hot applied flexible pavement marker adhesive shall be a hot melt thermoplastic material capable of bonding the marker without excessive marker movement at hot summer temperatures and remain flexible at winter temperatures. The adhesive shall comply with the following physical requirements when melted in accordance with ASTM Designation: D 3407 and poured into suitable test molds:

<u>Test</u>	<u>Result</u>	<u>Test Method</u> ASTM
Penetration, 77°F	25 max.	Designation: D 5 ASTM
Softening point	200°F min.	Designation: D 36
Brookfield viscosity, 400°F	10,000 cp max.	ASTM Designation: D 3236
Ductility @ 77°F, 5 cm/min	15 cm min.	ASTM Designation: D 113
Ductility @ 39.2°F, 1 cm/min	5 cm min.	ASTM Designation: D 113
Asphalt Compatibility	Pass	ASTM Designation: D 5329
Flexibility	Pass at 20°F	Per S-720.06.7.8

S-720.06.7.8--Test Procedure for Flexibility.

Sample preparation - One-eighth inch thick steel shims are used to enclose an opening which is one-inch wide and four-inches long on a sheet of release paper or a release treated metal plate. The heated adhesive is poured into the opening until it is slightly overfilled. After one hour of cooling the excess adhesive is trimmed flush with the shims using a hot knife and then the sample is removed from the shims.

Conditioning - The trimmed samples are placed in a freezer maintained at 20 $\pm$ 2°F for a minimum of four hours.

Testing - The conditioned samples are removed from the freezer and immediately bent through an arc of 90 degrees at a uniform rate in 10 seconds (9 degrees per second) over a one inch diameter mandrel. A passing result is one in which no cracking occurs in the test sample. At least two of the three specimens tested must meet the flexibility requirement at 20°F for a passing result.

SECTION S-721 - MATERIALS FOR SIGNING

S-721.01--General. All materials included in this section will be conditionally accepted on the basis of the manufacturer's certification of compliance, as specified in S-106.04, except those materials normally tested by MDOT (i.e. concrete, reinforcing steel, timber posts, etc.). The Engineer shall be furnished the original and three copies of the manufacturer's certification. The Engineer reserves the right to test or have tested by a commercial laboratory any material that has been conditionally accepted by certification.

S-721.02--Ferrous Materials.

S-721.02.1--General. All welds shall be mechanically cleaned before galvanizing. All ferrous metal except reinforcing steel, and sheet steel unless otherwise specified, shall be zinc-coated (galvanized) by the hot dip method in accordance with AASHTO Designation: M 111 after all fabrication has been completed.

S-721.02.2--Structural Steel for Sign Supports. Structural steel used in sign support structures shall be of standard shape. Structural steel pipe per ASTM Designation: A 53 shall be manufactured by the open-hearth or basic oxygen process.

S-721.02.2.1--Ground Mounted Sign Supports. Posts shall be provided with "break-away" mountings (as shown on the plans) of the following materials:

Structural steel beams for posts per AASHTO Designation: M 160.

Steel plates for steel beam posts per AASHTO Designation: M 160.

Welded and seamless steel pipe for posts per ASTM Designation: A 53, Type E or S, Grade B, or steel structural tubing per ASTM Designation: A 501.

U-Section posts for supplementary directional signs per S-721.02.3 "Steel Posts for Small Signs" modified as shown on the plans.

Structural steel shapes, bars, and plates used for bracing, framing and other accessories, including base plates for steel posts, per ASTM Designation: A 36.

High strength bolts, nuts, and washers for post bases and for fuse plates per S-717.01.7 and S-810.02.21 modified as shown on the plans.

S-721.02.2.2--Overhead Sign Supports. Materials approved for use in the construction of overhead sign supports include the following:

Welded and seamless steel pipe per ASTM Designation: A 53, Type E or S, Grade B or Type F.

Steel structural tubing per ASTM Designation: A 501.

Structural shapes, plates, and bars per ASTM Designation: A 36. Castings for post, base, and truss flange per AASHTO Designation: M 106, Grade 35018.

Castings for post caps and chord caps per AASHTO Designation: M 105, Class 25 S.

High strength bolts, nuts, and washers for chord connections per S-717.01.7 and S-810.02.21.

Anchor bolts per ASTM Designation: A 307, Grade A.

S-721.02.3--Steel Posts for Small Signs.

S-721.02.3.1--Material. The posts shall be of high carbon rail steel ASTM Designation: A 499.

S-721.02.3.2--Workmanship. All posts shall be straight with no bending, warping, splits, or breaks.

S-721.02.3.3--Cross-Section. The posts shall be "U" section as shown on the plans. The bends in the cross-section of the post must be sharp and well defined, and the radius of the bend shall not be greater than 13/32 of an inch.

S-721.02.3.4--Weight. The weight of the posts per linear foot without ground plates, shall be 2.0 pounds for 7-foot and 9-foot lengths and 3.0 pounds for 11-foot and 14-foot lengths with a tolerance of three and one-half percent, or as shown on the plans.

S-721.02.3.5--Punching. The posts shall be punched on the center line of the web while hot. Posts of 7-foot to 14-foot lengths shall have 3/8 inch holes one inch apart on centers starting one inch from the top of the posts and extending the full length of the post.

S-721.02.3.6--Pointing. The posts shall not be pointed.

S-721.02.3.7--Ground Plates. Posts of 7-foot lengths are not required to have ground plates. The distance from the top of the ground plate to the bottom of 9 foot to 11-foot length posts shall be 24 inches. The distance for 12-foot or greater length posts shall be 30 inches.

S-721.02.4--Reinforcing Steel. Reinforcing steel used shall conform to S-711 and shall be placed in accordance with S-602.

S-721.02.5--Bolts, Nuts, Washers, Screws, and other Hardware. Except as otherwise specified, all bolts, nuts, washers, sheet metal screws, and machine screws shall be coated by the zinc chromate process. The zinc chromate process shall be in accordance with the requirements of ASTM Designation: B633. Bolts shall have a 1/2-inch head and shall meet the requirements of ASTM Designation: A307, Grade A. Nuts shall be self-locking and shall meet the requirements of ASTM Designation: A563. Flat washers shall be installed between the sign support and the self-locking nut and shall meet the requirements of ANSI Designation: B27.2. Sheet metal screws shall meet the requirements of ANSI Designation: B18.6.4. Machine screws shall meet the requirements of ANSI Designation: B18.6.3. Vinyl spacers shall be installed between the bolt head and the sign face and shall meet the following maximum dimensions: 7/8-inch outside diameter by 3/8-inch inside diameter by 1/16-inch thickness.

Post clips used with extruded panel signs shall be cast aluminum per ASTM Designation: B 108, Alloy No. 356.0-T6 or extruded aluminum per ASTM Designation: B 221, Alloy 6063-T6. Unless otherwise specified, all bolts, sheet metal screws, and machine screws used in assembling signs, frames, and post braces, including post clips and panel bolts, shall be in accordance with ASTM Designation: A 307, Grade A.

S-721.02.5.1--Vandal-Resistant Bolts, Vandal-Resistant Nuts, Nylon Washers and other Hardware. When Vandal-Resistant Hardware for signs are noted on the plans, all bolts, nuts, washers, sheet metal screws, and machine screws shall be coated by the zinc chromate process. The zinc chromate process shall be in accordance with the requirements of ASTM Designation: B633. Bolts shall be 5/16 inch diameter, 2 1/2 inch long (minimum) carriage bolts, hex bolts or "one-way" bolts. Carriage bolts shall be round headed with a square neck and shall not have any slots or other opening for any type of tool. This square neck shall fit snugly and not move when tightened into the hole in the sign face. Hex bolt and one-way bolt heads shall not be square necked, but shall tighten flat against the sign face. One-way bolts shall be able to be tightened but not loosened by a screw driver. If hex bolts or one-way bolts are used, a nylon washer shall be provided to place between the bolt head and the sign face.

An approved vandal-resistant nut will be required regardless of the type of bolt used. A 5/16 inch inside diameter rustproofed steel, aluminum or approved equal washer shall be provided to place between the post and the vandal-resistant nut. The outside diameter of this washer will be dependent on the type of vandal-resistant nut used.

S-721.03--Aluminum. All aluminum shall be free from corrosion, white rust, water stains, dirt, and grease. Fabrication shall be accomplished in a uniform and workmanlike manner. All fabrication, including cutting and punching of holes, shall be completed prior to metal treatment. Sign blanks shall be cut to size and shape and shall be free of buckles, warps, dents, cockles, burrs, and defects resulting from fabrication. The surface of all sign blanks shall be flat.

All blanks not having corner radii shall have square (90°) corners to facilitate sign fabrication.

S-721.03.1--Sheet Aluminum. Sheet aluminum or blanks shall meet the requirements of ASTM Designation: B 209, Alloy 6061-T6 or 5052-H38. Gauge, dimension, punching and corner radii shall be in accordance with the plans.

S-721.03.2--Extruded Signs. Extruded sign panels, extruded moldings, and extruded post clips shall meet the requirements of ASTM Designation: B 221, Alloy 6063-T6. Sections and dimensions shall be as shown on the plans. The panel shall be of the butt type, designed to withstand a wind pressure of 50 pounds per square foot. All panels shall be flat and straight within commercial tolerances as established by the aluminum industry. Extruded sign sections shall be subject to approval by the Engineer. Extruded sign sections shall be provided with slotted bolt holes. Sign moldings and post clips shall be designed for the sign panel section with which it is used. Sign moldings shall be anchored to the sign panels by means of aluminum pull-through rivets or self tapping screws.

S-721.03.3--Overhead Sign Support Material. Material approved for use in the construction of Overhead Sign Supports include the following:

Extruded structural tube and pipe per ASTM Designation: B 221, B 241 or B 429, Alloy 6061-T6.

Extruded structural tube and pipe per ASTM Designation: B 221, B 241 or B 429, Alloy 6063-T6.

Structural shapes per ASTM Designation: B 308, Alloy 6061-T6.

Sheet and plate per ASTM Designation: B 209, Alloy 6061-T6.

Castings for post and chord caps per ASTM Designation: B 26, Alloy No. 356.0.

Base and filler metals for welding shall be as listed below:

BASE
METAL ALLOYS

6061-T6 to 6061-T6
6063-T6 to 6061-T6
or 6063-T6

FILLER
METAL ALLOYS

ER-5556
ER-4043, ER-5356
or ER-5556

S-721.04--Concrete. Unless otherwise specified, concrete shall be Class B. Composition, manufacture, and placement shall be in accordance with S-601.

S-721.05--Colors and Paint. All colors for signs shall match FHWA Specifications for standard highway sign colors. The molding which is attached to the extruded panel signs shall be painted with a semi-gloss baking enamel meeting Federal Specification TT-E-529a.

Aluminum paint shall conform to S-710.02.1. Transparent and black opaque process colors used in silk screening shall be that or equal to that recommended by the manufacturer of the retroreflective sheeting, and shall match FHWA Specifications for standard highway sign colors. Toning of certain colors for adjustment in hue shall be accomplished in accordance with the recommendations of the manufacturer of the process paste.

S-721.06--Reflective Sheeting.

S-721.06.1--General. Retroreflective sheeting materials shall comply with all applicable requirements of ASTM Designation: D 4956, except as specifically modified herein, and be listed on MDOT's "Approved Sources of Materials".

Reflective sheeting shall be one of the following types.

- Type III. A high-intensity retroreflective sheeting. This shall be an encapsulated glass-bead or unmetallized microprismatic retroreflective material. This sheeting shall have a protected, pre-coated, pressure-sensitive adhesive backing.
- Type VII. A super high-intensity retroreflective sheeting. This shall be an unmetallized microprismatic retroreflective material. This sheeting shall have a protected, pre-coated, pressure sensitive adhesive backing.
- Type VIII. A super high-intensity retroreflective sheeting. This shall be an unmetallized microprismatic retroreflective material. This sheeting shall have a protected, pre-coated, pressure sensitive adhesive backing.
- Type IX. A very-high intensity retroreflective sheeting. This shall be an unmetallized, microprismatic retroreflective material. This sheeting shall have a protected, pre-coated, pressure sensitive, adhesive backing.

All other retroreflective sheeting shall be as shown in the plans.

S-721.06.2--Performance Requirements. The retroreflective sheeting shall have the following minimum brightness values at 0.2° and 0.5° observation angle, in addition 1.0° for Type IX sheeting, expressed as average candelas per footcandle per square foot of material.

Sheetings and inks processed and applied in accordance with the manufacturer's recommendations, shall perform effectively for the number of years stated below. The sheeting will be considered unsatisfactory if it has deteriorated due to natural causes to the extent that: (1) the sign is ineffective for its intended purpose when viewed from a moving vehicle under normal day and night driving conditions or (2) the coefficient of retroreflection is less than the minimum specified for that sheeting during the periods listed below. For screen printed transparent colored areas on white sheeting, the coefficients of retroreflection shall not be less than 70% of the values for the corresponding color in the table.

Type III Sheeting	Retain 85% of initial values listed in Table 1 through 7 years Retain 80% of initial values listed in Table 1 between 7 & 10 years
Type VII Sheeting	Retain 85% of initial values listed in Table 2 through 7 years Retain 80% of initial values listed in Table 2 between 7 & 10 years Retain 50% of initial values listed in Table 2 through 3 years for Fluorescent Orange
Type VIII Sheeting	Retain 85% of initial values listed in Table3 through 7 years Retain 80% of initial values listed in Table 3 between 7 & 10 years Retain 50% of initial values listed in Table 3 through 3 years for Fluorescent Orange Retain 80% of initial values listed in Table 3 through 7 years for Fluorescent Yellow/Green & Fluorescent Yellow
Type IX Sheeting	Retain 85% of initial values listed in Table 4 through 7 years Retain 80% of initial values listed in Table 4 between 7 & 10 years Retain 80% of initial values listed in Table 4 for 7 years for Fluorescent Yellow/Green & Fluorescent Yellow

MINIMUM COEFFICIENTS OF RETROREFLECTION

Candela per foot candle per square foot (cd/fc/ft²) Per ASTM Designation: E 810

TABLE 1
Type III Sheeting

Observation	Entrance	Sheeting Color						
Angle (°)	Angle (°)	White	Yellow	Orange	Green	Red	Blue	Brown
0.2	- 4	250	170	100	45	45	20	12
0.2	+30	150	100	60	25	25	11	8.5
0.5	- 4	95	62	30	15	15	7.5	5.0
0.5	+30	65	45	25	10	10	5.0	3.5

TABLE 2
Type VII Sheeting

Observation	Entrance	Sheeting Color						
Angle (°)	Angle (°)	White	Yellow	Green	Red	Blue	Brown	Fluorescent Orange
0.2	- 4	750	560	75	150	34	23	200
0.2	+30	430	320	43	86	20	10	85
0.5	- 4	240	180	24	48	11	8	90
0.5	+30	135	100	14	27	6.0	4	50

MINIMUM COEFFICIENTS OF RETROREFLECTION
Candela per foot candle per square foot (cd/fc/ft²)

TABLE 3
Type VIII Sheeting

Observation Angle (°)	Entrance Angle (°)	White	Yellow	Green	Red	Blue	Brown	Fluorescent Orange	Fluorescent Yellow/Green	Fluorescent Yellow
0.2	- 4	700	525	70	105	42	21	200	480	375
0.2	+3	325	245	33	49	20	10	85	240	170
0.5	- 4	250	190	25	38	15	7.5	90	235	165
0.5	+3	115	86	12	17	7	3.5	50	110	85

TABLE 4
Type IX Sheeting

Observation Angle (°)	Entrance Angle (°)	White	Yellow	Green	Red	Blue	Fluorescent Yellow/Green	Fluorescent Yellow
0.2	- 4.0	380	285	38	76	17	325	240
0.2	+30.0	215	162	22	43	10	205	150
0.5	- 4.0	240	180	24	48	11	240	165
0.5	+30.0	135	100	14	27	6.0	110	75
1.0	- 4.0	80	60	8	16	3.6	65	45
1.0	+30.0	45	34	4.5	9	2.0	35	25

S-721.06.3--Certification. The Contractor shall require the supplier to furnish certified evidence and/or samples to the Engineer showing conformance to these requirements. Manufacturer's warranties or guarantees provided as customary trade practice shall be furnished the Engineer.

S-721.06.4--Color. Reflective sheeting shall meet the color requirements of ASTM Designation: D 4956. See Table 5 below for color specifications for fluorescent yellow green, fluorescent orange, and fluorescent yellow sheeting.

TABLE 5
Color Specification Limits for New Sheeting- Daytime

Color	Chromaticity Coordinate	Chromaticity Coordinate	Chromaticity Coordinate	Chromaticity Coordinate	Total Luminance Factor Limit
	1	2	3	4	Yn
	x y	x y	x y	x y	<u>Min.</u>
Fluorescent Yellow Green	0.387 0.610	0.460 0.540	0.438 0.508	0.376 0.568	60%
Fluorescent Orange	0.562 0.350	0.645 0.355	0.570 0.429	0.056 0.404	30%
Fluorescent Yellow	0.521 0.424	0.577 0.442	0.479 0.520	0.454 0.491	40%

S-721.06.5--Adhesive. The retroreflective sheeting shall include a pre-coated pressure sensitive adhesive, as referenced in ASTM Designation: D 4956, Class I, applied without the necessity of additional adhesive coats on the retroreflective sheeting or application surface.

The Class I adhesive shall be a pressure sensitive adhesive of the aggressive tack type requiring no heat solvent or other preparation for adhesion to smooth clean surfaces.

The protective liner attached to the adhesive shall be removed by peeling without soaking in water or other solutions and shall be easily removed after accelerated storage for four hours at 160°F under a weight of 2.5 pounds per square inch.

S-721.06.6-Blank.

S-721.07--Delineators. Delineators shall consist of encapsulated lens reflective sheeting of the specified colors applied to sheet metal with mechanical equipment in a manner specified by the sheeting manufacturer. The sheet metal shall be the same as that used for small sheet signs as required under S-721.03.1.

S-721.07.1--Flexible Posts. Flexible posts for delineators shall be composed of high impact fiberglass reinforced composite, engineering blended plastic or thermosetting polymers which is reasonably unaffected by long term U.V. exposure. Flexible posts for delineators must be one from MDOT's "Approved Sources of Materials". Prior to use, the Contractor shall furnish the Engineer three copies of the manufacturer's certification for each shipment stating that the material furnished is of the same composition as that originally approved by the MDOT and that the material has not been changed or altered in any way.

S-721.07.1.1--Performance Testing for Flexible Posts.

S-721.07.1.1.1--Impact Resistance. The post must be self erecting after withstanding 10 vehicle impacts at temperatures of 0°F or above without complete loss of serviceability. The impacts shall be made at an impact angle of 25 ±5° with a sedan at 35 mph.

S-721.07.1.1.2--Heat Resistance. A post shall be conditioned a minimum of two hours in an oven at $115^{\circ} \pm 3^{\circ}\text{F}$. The conditioned post shall be capable of straightening itself within 10 seconds when bent 90° at or near midpoint for each of four bends. The test on each post shall be completed within two minutes after removal from the oven. The post shall be bent in the direction to form a 90° angle on the convex side of the post.

S-721.07.1.1.3--Cold Resistance. A post shall be conditioned a minimum of two hours at $-5^{\circ} \pm 3^{\circ}\text{F}$ in an environmentally controlled test chamber. Testing shall be performed in the environmental chamber. The conditioned post shall not be adversely affected when bent at or near midpoint to a 90° angle formed on the convex side of the post. The post shall return to its original shape within 60 seconds for each of four separate bends.

S-721.07.1.1.4--Color Fastness. The post materials shall be exposed for 1000 hours in an Atlas Type B or BH Xenon Arc Weatherometer per ASTM Designation: G 26 with no significant yellowing or darkening.

S-721.07.1.2--Acceptance Procedure. Flexible posts for delineators must be one from MDOT's "Approved Sources of Materials". Prior to use, the Contractor shall furnish the Engineer three copies of the manufacturer's certification for each shipment stating that the material furnished is of the same composition as that originally approved by MDOT and that the material has not been changed or altered in any way.

S-721.08--Removable Copy. Removable copy shall include letters, numerals, symbols, and borders. All designs shall conform to the MUTCD. All removable copy will be attached to the sign face from the front by means of a huck or a cherry rivet gun and aluminum pull-through rivets without the use of clips. Removable copy shall consist of encapsulated lens retroreflective sheeting which has been carefully selected by the manufacturer for uniformity of day and night appearance and applied to flat aluminum backing. The backing shall be a minimum of .032" thick aluminum sheet as per ASTM Designation: B 209, alloy 3003-H14. The metal treatment shall be the same as that for aluminum sheet.

S-721.09--Timber Sign Posts. The posts shall conform to the requirements set forth in S-712.01.2, except that the preservative shall conform with S-718.04.3 or S-718.04.4.

S-721.10--Direct Applied Copy. Direct applied copy which is to be provided on guide directional signs, ground mounted or overhead, shall be directly applied to the sign face. Direct applied copy shall include letters, numerals, symbols and borders. All designs shall conform to the MUTCD. All direct applied copy shall be attached to the sign face by means of pressure sensitive adhesive meeting the requirements of S-721.06.5. Direct applied copy shall consist of encapsulated lens retroreflective sheeting meeting the requirements of S-721.06.

All signs shall be delivered to the site of their erection in one piece with all bolts, rivets, moldings, extrusions, copy, and other required appurtenances thereto attached, complete and ready to be mounted to the sign support structure. Any required supplemental or temporary supports required for stability during transport shall be firmly attached but easily removed prior to erection.

SECTION S-722 - GEOGRIDS**S-722.01--Geogrids.**

S-722.01.1--General. A geogrid is defined as a geosynthetic formed by a regular network of integrally connected elements with apertures greater than 0.25 inch to allow interlocking with surrounding soil, rock, earth and other surrounding materials to function primarily as reinforcement.

The geogrid shall be creep tested in accordance with ASTM Designation: D 5262. The long term design load that shall be reported for design use, shall be that load at which no more than 10% strain occurs over a 100-year design life of the geogrid, as calculated from tests run on representative samples for no less than 10,000 hours. The long term design load shall be reported unfactored, as the AASHTO strength reduction - Durability and Installation, and safety factors - will be considered by the MDOT Geotechnical Branch on a site specific design basis.

The geogrid shall meet the physical requirements of Table II for the type shown on the plans and shall be selected from MDOT's list of "Approved Sources of Materials."

The geogrid shall be mildew resistant and inert to biological degradation and naturally encountered chemicals, alkalis and acids. The geogrid shall contain stabilizers and/or inhibitors, or a resistance finish or covering to make it resistant to deterioration from direct sunlight, ultraviolet rays, and heat.

S-722.02--Marking, Shipment and Storage. Each roll or container of geogrid shall be visibly labeled with the name of the manufacturer, trade name of the product, lot number, and quantity of material. In addition, each roll or container shall be clearly tagged to show the type designation that corresponds to that required by the plans. During shipment and storage the geogrid shall be protected from direct sunlight, and temperatures above 120°F or below 0°F. The geogrid shall either be wrapped and maintained in a heavy duty protective covering or stored in a safe enclosed area to protect from damage during prolonged storage.

S-722.03--Manufacturer's Certification. The Contractor shall furnish the Engineer three copies of the manufacturer's certified test reports indicating that the geogrid furnished conforms to the requirements of the specifications and is of the same composition as that originally approved by MDOT.

S-722.04--Acceptance Sampling and Testing. Final acceptance of each shipment will

be based upon results of tests performed by the approved laboratory on verification samples submitted from the project, as compared to the manufacturer's certified test reports. The Engineer will select one roll or container at random from each shipment for sampling. A sample extending full width of the randomly selected roll or container and being at least five (5) square yards in area will be obtained and submitted by the Engineer. The sample from each shipment shall be provided at no cost to the Project.

Physical Properties	Type Designation						Test Method
	I	II	III	IV	V	VI	
Long Term Design Load, pounds per foot, Machine Direction	250	500	750	1500	2500	3500	ASTM Designation: D-5262
Minimum Ultimate Tensile Strength, pounds per foot, Machine Direction	500	1000	1500	3000	5000	7000	ASTM Designation: D-4595
Open Area, percent	70	70	50	50	50	50	Direct Measurement

DIVISION 16

ELECTRICAL

The Contractor must provide each item mentioned or indicated of quality or subject to qualification noted; perform according to conditions stated each operation prescribed; and provide therefore all necessary labor, equipment, and incidentals for articles, material separations or methods mentioned herein or indicated on the Drawings.

Requirements for the General Conditions, Supplementary Conditions, and Addenda, if issued, shall apply under this Division of Work.

Separation of these Specifications into Divisions and Sections is only for convenience and is not intended to establish limits of work.

Consult index to be certain that set of documents is complete.

INDEX TO DIVISION 16

SECTION 16000	General Provisions
SECTION 16100	Basic Materials and Methods
SECTION 16200	Raceways
SECTION 16250	Grounding
SECTION 16300	Conductors
SECTION 16400	Power Distribution Equipment
SECTION 16500	Exterior Lighting System
SECTION 16600	Electrical Service
SECTION 16800	Mechanical System Wiring
SECTION 16900	Excavation, Trenching and Backfilling

SECTION 16000 - GENERAL PROVISIONS**1.01 SCOPE:**

- A. This Section of the Specifications covers all labor, equipment, supplies and materials, and all operations, including cutting, channeling and chasing necessary for the installation of any required electrical wiring in strict accordance with this Section of the Specifications, the applicable Drawings, and equipment manufacturer recommendations.

1.02 SPECIAL CONDITIONS:

- A. The bidders for the work covered by the Division of the Specifications shall carefully examine the Plans and Specifications to familiarize themselves with the structure and extent of the various contracts and all applicable documents.
1. Coordination of Work: The Contractor is responsible for coordinating the work as required. The Electrical Contractor is responsible for completion of all electrical items under their Division and cooperating with the Contractor and Owner.
 2. Work Included: The work involves electrical systems for the exterior lighting as indicated on the Drawings. Generally the work includes, but is not limited to the following items:
 - a. Coordinate with local utility suppliers and Mississippi One Call for locations of all existing underground utilities
 - b. Coordination and verification of locations of new power sources and underground services with local utility suppliers
 - c. Install new electrical power sources complete with meter socket, panelboard with breakers, underground feeders to new lighting standards, underground service from local utility companies, and galvanized equipment support rack.
 - d. Necessary wiring, conduits and junction-boxes for new exterior lighting standards
 - e. Installation of new exterior lighting systems complete with fixtures, lamps, control devices, and direct embedded and breakaway poles
 - g. Trenching, backfilling, directional boring and landscaping for underground feeders
 - g. Connection of all equipment furnished by others or by the Owner
 - h. Following OSHA and NEC safety requirements and maintaining a safe work environment
 - i. Maintain clean work area and testing and adjusting electrical systems

1.03 SITE CONDITIONS:

- A. The Contractor must visit the site and familiarize himself with all existing conditions prior to submitting bid. No change orders will be allowed because of the Contractor's misunderstanding as to the amount of work involved or their lack of knowledge of any condition with the required work and location.

1.04 PERMITS AND INSPECTIONS:

- A. The Contractor shall secure and pay for all taxes, assessments, permits, and inspections required on work performed under this Section of the Specifications.
- B. Additional costs to aid the construction of the local retail suppliers for relocations or modifications to their facilities and new underground service points shall also be the responsibility of the contractor.

1.05 APPLICABLE STANDARDS AND CODES:

- A. All materials and workmanship shall comply with the current editions of all applicable codes, specifications, local ordinances, industry standards and utility company regulations. The following standards and codes form a part of these specifications:
 - 1. International Building Code
 - 2. State, Municipal, Federal and Local Building Code
 - 3. National Electrical Code (NEC)
 - 4. National Fire Protection Association (NFPA)
 - 5. Underwriters Laboratories
 - 6. National Electrical Manufacturer's Association
 - 7. National Electrical Safety Code (ANSI-C2)
 - Illumination Engineering Society (IES)

1.06 APPROVAL OF MATERIALS AND EQUIPMENT:

- A. Equipment is specified by manufacturer's name and catalog number and is intended to establish the minimum standards of quality acceptable. After installation, the City of Picayune will contract with Mississippi Power Company for maintenance of the new street lighting system. **Therefore any substitute equipment, equivalent in all respects to that specified, must be on the Mississippi Power Company Approved Materials Standards List or accepted by MPC for approval and must have prior approval of MPC, the Engineer of Record and the Owner. Prior written approval** for any substitute exterior lighting standards must be submitted complete with computerized

photometric layout of lighting levels and ratios for the spacing indicated on the drawings for the applications to include street lighting so that all potential contractors may be notified of other equals. After the contract has been awarded, catalog cuts for all materials and equipment, and computerized photometrics for all lighting applications shall be submitted for final approval before purchases are made.

Six (6) copies of Manufacturer's Brochures and Shop Drawings shall be submitted to the Engineer. A complete electrical connection diagram for each electrically controlled component shall be submitted for approval. The approval of Manufacturer's Brochures and Shop Brochures shall not relieve the Contractor from any responsibility for deviation, quantities, physical dimensions, available space, etc., unless approved by the Engineer.

1.07 DEVIATIONS:

- A. The Drawings indicate the general arrangement of the electrical work and locations of lighting standards and power sources. Details of any major departures deemed necessary by the Contractor including spacing or relocation of new exterior light fixtures shall be submitted to the Engineer for approval. Lighting standards pole locations made be adjusted no more than 5' without prior approval. No major additional departures shall be made without prior written approval.

1.08 FINAL SUBMITTAL:

- A. At the completion of the projects prior to final acceptance, each Contractor shall furnish to the Engineer six (6) complete sets of approved Shop Drawings, together with all warranties, maintenance and operating instructions, and computerized photometric for all exterior lighting applications to include side walks and street lighting, bound in a folder to the Engineer. This folder shall also contain one copy of each of complete operating instructions for all control equipment. The folder shall contain panel boards, breakers for power panels, lighting contactors, photocells and any other equipment and systems furnished. Special requirements shall include manufacturer's installation instructions furnished with equipment, lubricating manuals and replacement parts manuals.
- B. This Contractor shall provide as-built drawings at the completion of the job showing all significant modifications and any approved changes.

1.09 COORDINATION:

- A. Contractor must coordinate all construction with the owner. Locations of all existing utilities belonging to the Owner and local retail suppliers must be identified before any construction begins.
- B. Damage to any existing underground utilities made by the Contractor will become the responsibility of the Contractor for all required repairs.

1.09 GUARANTEE:

- A. This Contractor shall guarantee to Owner, work performed under this Contract to be free from defects in workmanship and materials for a period of one year from date of final acceptance by the Engineer of Record and the Owner. Any defects arising during this period will be promptly remedied by the Contractor within a reasonable period without cost to Owner. Manufacturer's warranty for all LED type fixtures will be honored.

SECTION 16100 - BASIC MATERIALS AND METHODS**1.01 GENERAL:**

- A. **MATERIALS:** All electrical materials shall be new and approved by the NEMA and Underwriters' Laboratories, Inc., wherever standards have been established by that agency.
- B. **STANDARD PRODUCTS:** The materials furnished under this Section of the Specifications shall be the standard products of manufacturers regularly engaged in the production of such equipment.
- C. **CIRCUITS:** Circuit grouping, conduit or cable runs, and home runs are indicated diagrammatically. Contractor shall provide proper conductors and conduits or cables to produce an operative system and comply with the exterior lighting system manufacturer's requirements.
- D. **HOME RUNS:** Home Runs are indicated on the Drawings but may be regrouped if Contractor desires. In any case, however, no two ungrounded conductors shall be connected to the same ungrounded lug of a breaker or switch.

1.02 WIRING METHODS:

- A. Unless otherwise specified or indicated on the drawings, wiring shall consist of insulated conductors in rigid zinc-coated steel conduit (GRC), electrical metallic tubing (EMT), and/or Poly Vinyl Chloride (PVC) as indicated on the drawings.

1.03 CONDUIT SYSTEM:

- A. Minimum size of conduit and tubing shall be 1/2". Raceways shall be concealed within finished walls, ceilings, floors, and foundations. Raceways shall be supported with mechanical fastening devices (wire is not acceptable), at intervals not to exceed the requirements of the NEC. Conduits shall be fastened to sheet metal boxes and cabinets with two locknuts where required by the National Electrical Code, where insulating bushing are used and where bushing cannot be brought into firm contact with the box; otherwise a single locknut and bushing is acceptable. Bushings shall be of the insulating type where required by the National Electrical Code. Install heavy wall rigid galvanized steel conduit or Schedule 80 PVC conduits on all feeders exposed outdoors unless otherwise noted. Where flexible metallic conduit is needed, contractor shall use "sealtite" type in damp or wet locations and green field in dry locations. The maximum length of flexible vapor tight or metallic conduit required shall be 60".
- B. Special underground junction-pull-splice box enclosures will be required at each street lighting standard and at intersection of the underground street lighting feeders. These special enclosures will be equal to Quazite UL listed type PG precast polymer concrete complete with covers and logo. Underground enclosures will meet UL Tier Designation

8 for sidewalk applications with a safety factor for occasional non-deliberate vehicular traffic.

- C. Each outlet in the wiring or raceway systems shall be provided with an outlet box to suit the conditions encountered. All outlet and junction boxes, conduit fittings, covers and supports shall be galvanized or sheradized steel. Junction or pullboxes as required by field conditions shall be polymer concrete composite. Each junction or pull box shall have sufficient volume to accommodate the number of conductors. See Article #370 NEC. Note: All junction boxes shall have covers installed upon completion of the job.
- D. Close all unused knockout holes and install weather tight blank covers on boxes having no fixture or device.
- E. Plates and/or covers shall be provided on all switches, convenience outlets, receptacles, telephone outlets, computer outlets, and special purpose outlets. All surface outlets shall have galvanized jumbo type plates.

1.05 CONDUCTORS:

- A. GENERAL: All wiring shall be 98% conductivity and having 600 volt insulation level. Conductors shall be stranded copper with thermoplastic insulation unless otherwise noted. Solderless pressure type connectors be used for all connections where required and then properly sealed with heat shrink tubing and rubber tape.
- B. SIZES: Conductor sizes shall not be less than indicated. Branch circuit conductors shall be not smaller than No. 12 AWG. Conductors for branch circuits of 120 volts more than 100' long from panel to load center shall be No. 10 AWG. Class 1 remote-control and signal-circuit conductors shall not be less than No. 14 AWG Class 2 low-energy remote-control and signal circuit conductors shall be not less than No. 16 AWG.
- C. INSULATION: Conductors No. 8 AWG or larger shall be Type RHW or THW. Conductors smaller than No. 8 AWG shall be Type TH, THW, or THHN except that No. 16 AWG conductors for Class 2 remote-control and signal circuits may be commercial fixture wire, Type RF-2 or TF. Conductors of all sizes for temperatures in excess of 75 degrees centigrade shall be Type RHH or SA.
- D. IDENTIFICATION: Identification of branch circuits shall be of color coding. Control circuit conductor identification shall be made of color coded insulated conductors, plastic-coated self-sticking printed markers, permanently attached stamped metal foil markers, or equivalent means as approved by the Engineer. Conductor identification shall be provided within each enclosure where at tap, splice, or termination is made. Control circuit terminals of equipment shall be properly identified. Terminal and conductor identification shall match that shown on approved shop drawings. Hand lettering or marking is not acceptable.

E. IDENTIFICATION CONTINUED

1. All branch circuit wiring shall be color coded by insulation covering as follows:

120/240 or 120/208-Volts, 3-Wire, 1-Phase

Phase A - Black

Phase B - Red

Neutral - White

Ground - Green

2. Switch legs - pink with traces of base phase color or other marking as approved by Engineer.

3. Travellers for 3-way Switching - Solid violet or other color as approved by the Engineer.

4. All Conductors - No. 6 and larger may have solid black insulation with use identified by banding with tape at all terminations and access points for not less than 2" along cable. Tape used will be same colors as described above.

5. The Phases A, B, Neutral and Ground shall be established and marked at all panels, lighting contactors and any control panels as follows: Front to rear; top to bottom; or left to right when facing the equipment wiring access area.

E. GROUNDING: All equipment, raceways, service neutrals, etc., shall be grounded. Service conduits and conduits entering and leaving service switches shall be grounded with grounding type bushings complete with lugs. Bond each bushing by means of copper connections to neutral conductor and bar or lug. Ground rods shall be extendable type and 5/8" X 10' - 0" copper clad sectional, solid rods. They shall be installed with top 6" below finished grade. Resistance to ground shall not exceed 25 ohms and may require multiple extendable rods be required to meet this resistance. Provide a separate

equipment grounding conductor in each branch circuit. Equipment grounding conductor shall have a green colored insulation and shall be sized in accordance with Table 250-95 of the NEC. The grounding electrode conductor shall be sized in accordance with Table 250-94 of the NEC.

F. INSTALLATION: An approved lubricant non-injurious to the conductor insulation shall be used where necessary for pulling conductors into raceways.

1.06 DEVICES:

A. Furnish and install all wiring devices as indicated on the Drawings and as required for a complete electrical system.

- B. WALL SWITCHES: Switches shall be of specification grade, totally enclosed tumbler type with bodies constructed of phenolic compound. Wiring terminals shall be of screw or solderless pressure type having a suitable conductor-release arrangement. Switches shall be rated 20 amp, 125-277 volts, for use on alternating current only unless otherwise indicated.
- C. RECEPTACLES: All duplex receptacles shall be provided with third grounded pole and shall be of specification grade. Receptacles shall be capable of receiving a two-wire parallel-bladed cap or three pole cap. The third pole shall be connected to the metal mounting yoke. Receptacles shall be rated 20 amperes, 125 volts. Special purpose receptacles shall be located as indicated on drawings. Each shall be of top specification grade, of proper NEMA configuration for equipment, served, and equipped with proper cap completely installed. All exterior receptacles shall be weatherproof and non-metallic type.
- D. DEVICE PLATES: Plates shall be provided for all outlets and fittings to suit the devices installed. Plates will be 302 stainless steel jumbo type. Screws shall be of metal with counter-sunk heads. Plates shall be installed with all four edges in continuous contact with finished wall surfaces without the use of mats or similar devices. Plaster fillings will not be permitted. Plates shall be installed with an alignment tolerance of 1/16". The use of section-type device plates will not be permitted. Plates installed in wet locations shall be gasketed. Plates used on exterior boxes shall be non-metallic type having round or beveled edges.

1.07 DEVICE LOCATIONS:

- A. OUTLET LOCATION: The approximate location of all outlets is indicated on the Drawings as diagrammatic only. The exact location of all outlets shall be determined by the Engineer and outlets may be moved before rough-in to a distance of 10 feet from the position indicated without extra charge by the Contractor. Unless otherwise shown or directed, the outlet boxes shall be located with center lines at elevations above the finished floor line or below ceiling lines as follows.
 - 1. General Lighting Switches - 48"
 - 2. Wall and Convenience Outlets - 18" from floor and 42" in shop areas
 - 3. Safety Switches (Max. to Handle) - 72"
 - 4. Panelboards (Max. to Top Breaker/Switch) - 72"

1.08 EQUIPMENT SUPPORTS:

- A. The Contractor shall furnish and install all necessary supports for properly mounting all electrical equipment and raceways. Such supports shall be fabricated and installed in a neat and workmanlike manner, and care shall be taken so that at no time shall any portion of the building structure be overloaded nor weakened in any manner. All structural steel furnished shall be standard shapes and sizes and shall be free from rust and/or scale and shall have one shop coat of lead and oil paint thereon when delivered to the job site. All interior steel shall be firmly and rigidly welded or bolted in place. The Contractor may use prefabricated structural systems manufactured by Kindorf Company, Unistrut

Products Company, or Powerstrut, Inc., for the support of raceways and/or equipment. The Contractor shall be fully responsible for the proper sizing and assembling of such systems, if used to adequately and rigidly support raceways and/or equipment mounted thereon. It shall be the responsibility of the Contractor to select bolts of adequate strength for the service required. Lock washers shall be installed under all nuts which bear on metal. Fastenings for securing conduit runs, boxes, light apparatus, etc., shall be bolts, beam clamps, or velocity driven studs on steel work; lag bolts with expansion shields, velocity driven studs, or inserts on concrete; toggle bolts on hollow tile or concrete block. Holes for lead expansion shields shall be drilled in solid brick or concrete and, where necessary, holes around same shall be neatly cemented after bolts are in place.

1.09 MOTOR CONNECTIONS:

- A. All motors shall be connected to the conduit system by means of a short section (18" minimum) of flexible conduit unless otherwise noted. For motor connections, the Contractor shall furnish and install the grounding conductor inside the flexible section. Terminate the ground conductor by means of a solderless lug and a bolt through a hole to be drilled in the side wall of the conduit. Risers from feeders on ceiling to individual motors on/or close to floor shall be firmly fastened at lower end and controls or protective apparatus shall be as shown on Plans. If not shown on Plans, conductor shall be as recommended by the manufacturer of the apparatus or as required by the NEC.

1.10 EQUIPMENT LABELING AND IDENTIFICATION

- A. Provide permanent engraved plastic nameplates, white letters on black field, permanently attached to equipment as follows:

1. Light Panels	Name of Panel
2. Power Panels/Circuits	Name of Panels/Each Branch Load
3. Disconnect Safety Switch	Name of Load Served
4. Special Purpose Outlets	Position Breaker in Panelboard
5. Lighting Contactors	Lighting Circuits Controlled
6. Underground enclosures	Logo-City of Hattiesburg Street Lighting
- B. Provide a complete typewritten directory under transparent plastic cover inside of each power panel and lighting contactor identifying circuits controlled.
- C. Provide cover plate with resetting instructions on each thermal trip switch.
- D. Leave all electrical equipment, including fixtures, free of dust, plaster, paint spots, etc.

1.11 INSPECTION AND TESTS:

- A. The complete job will be, during and/or after construction, subject to supervision of the Engineer. Inspections shall be conducted by the Engineer or his designated representative as necessary to maintain compliance with the contract requirements.

- B. Prior to acceptance by the Owner/Engineer, the Contractor shall conduct and record insulation tests of all feeder and motor branch circuits. The insulation testing shall be accomplished utilizing a meg-ohm meter and complying with minimum requirements of the NEC. Verification of test results shall be witnessed by the Engineer or his designated representative.

SECTION 16200 - RACEWAYS**PART 1 - GENERAL****1.01 DESCRIPTION:**

- A. Raceways indicated on Drawings and specified herein shall be complete in all respects including all necessary and incidental fittings, hangers and appurtenances required for a complete installation.
- B. Minimum size of raceways shall be 1/2".

PART 2 - PRODUCTS**2.01 RIGID CONDUIT:**

- A. Hot-dipped galvanized rigid steel conduit (GRC) in all sizes may be used throughout project without regard to location or application. Any portion of a raceway using galvanized rigid conduit shall not be joined with IMC, EMT, or PVC. Refer to Article 346 NEC for further restrictions.
- B. Conduit shall be galvanized for interior use and where embedded in concrete or earth conduit shall be coated with applications of two coats of asphaltum.

2.02 INTERMEDIATE METALLIC CONDUIT:

- A. Intermediate metallic conduit (IMC) in all sizes may be used throughout project without regard to location or application, except that IMC shall not be used below grade, and shall not be cast in concrete. Refer to Article 345 NEC for further restrictions.
- B. Electrical metallic tubing (EMT) may be used in all indoor applications in dry locations and shall not be embedded in concrete, earth or run exposed in wet locations.

2.03 FLEXIBLE METALLIC CONDUIT:

- A. In damp or wet locations, flexible metallic conduit shall be of the "sealtite" type and shall be UL approved installed with proper connectors to fit the condition encountered.
- B. In dry locations, flexible galvanized conduit (greenfield) shall be installed. Do not use "BX" in any location.
- C. Flexible conduit lengths shall not exceed 60 inches for equipment and/or lighting fixture connections unless otherwise specified.

2.03 RIGID NONMETALLIC CONDUIT (PVC)

- A. PVC type conduit may be used for underground applications as indicated on the drawings. Exposed PVC conduit shall be schedule 80 type.
- B. PVC conduit may not be used for building interior wiring.
- C. Where directional boring is required, conduits shall be polyethylene (HDPE) type.

PART 3 - EXECUTION

3.01 LAYOUT:

- A. Plans are diagrammatic and judgement shall be exercised to install electrical work in a practical manner to function properly and to fit building construction and finish. Items not shown or specified which are required to produce a complete, operative and finished system shall be provided.
- B. Cooperate with others in laying out work so that this phase of the work will properly fit the building and other Contractors requirements. Exact location of various outlets shall be determined from dimensions on general construction drawings or as may be determined on the job. Do not scale drawings for exact location of any outlet. Locations and characteristics of equipment furnished under other sections of the contract shall be determined from other Contractor's shop drawings or layouts prior to locating outlets.
- C. The right is reserved to change the location of any fixture improperly installed to fit equipment or finish, as well as to change the exact location of any fixture before initial installation.
- D. Raceways exposed to view will be run perpendicular or paralleled to the planes of the building structure. Where concealed in or below grade construction, raceways will take the most direct route between exit points. Where concealed above finished ceilings and in attic voids conduits may take the most direct route between points of connection. Raceways exposed on the building exterior of structure shall be painted to match the exterior color.

3.02 INSTALLATION:

- A. Where several conduits are run together, they shall be neatly paralleled with concentric and true radii. All bends shall be true and even without kinks or flats. Seal the exposed ends of conduits during construction to prevent the entry of foreign materials. Clean and dry all conduits before installing conductors.
- B. All empty conduits shall have a nylon pull cord (not nylon jet line) installed. This pull cord shall be free from knots and splices from box to box. Provide labeled tags on the pull cord to identify the location of each end.
- C. Raceway systems shall be concealed in new construction wherever practical, and in all instances in above ceiling.
- D. Conduits shall terminate with bushings of solid insulating plastic material utilizing two lock nuts where lock nuts are permitted. Where lock nuts are not permitted, conduit shall terminate with threaded hub connections equal to "Scru-tite". If it is not possible to install two lock nuts, then OZ Type B or equal insulated bushings shall be utilized with one lock nut.
- E. EMT crimp type connectors shall be installed with two opposing operations of the crimping tool to assure electrical continuity.
- F. Where conduits are stubbed up from the floor or slab and are not mechanically bonded to the terminal enclosure, then OZ type BL or equal insulated grounded bushings shall be utilized and grounded as specified hereinafter. Threads on steel conduit shall be protected with approved corrosion resistant conductive compound.
- G. At all connections to equipment, unions, or flanges shall be utilized to facilitate maintenance, repair, or replacement. Flexible connection shall be utilized as specified hereinafter.
- H. Where raceway systems join equipment of dissimilar metals, they shall be made with fittings specially approved for the application.
- I. Conduits installed below grade shall be buried a minimum of 24" to top below grade.

3.03 FLEXIBLE CONDUIT INSTALLATION:

- A. Flexible conduit shall be used for all equipment connections where the equipment is on a sliding or adjustable base or where mounted of vibration isolators.

- B. When flexible connections are utilized separate grounding conductors shall be installed within the raceway or a separate bonding conductor shall be external in accordance with Article 250 NEC - Grounding.
- C. Use not to exceed five (5) feet of flexible metal conduit for connections to motors and/or recessed light fixtures unless otherwise specified herein.
- D. Flexible connections subject to moisture under normal conditions or where specifically indicated or noted shall be liquid tight with proper liquid tight fittings.

SECTION 16250 - GROUNDING**PART 1 - GENERAL****1.1 GENERAL.**

Ground all equipment, systems, structures, etc., per the latest edition of the National Electrical Code (NEC).

PART 2 - PRODUCTS

- 2.1 Use mechanical bolted connections in dry locations that are accessible.
- 2.2 Use exothermic welds in wet locations and locations that will be inaccessible at the end of construction.
- 2.3 Ground rods shall be UL listed 5/8" x 10' copper-clad steel extendable type ground rods with a minimum copper cladding thickness of 10 mils.

PART 3 - EXECUTION

- 3.1 Ground rods shall be installed with their tops no less than 6" below grade.
- 3.2 Bond ground connections to metal raceways at each end of the conduit run. Provide grounding bushings where required by the NEC. Where cable trays are used, bond the ground conductor to each section and fitting of the tray.
- 3.3 Provide all circuits with an equipment grounding conductor sized per the NEC, or as shown on the drawings. Circuitry shown on drawings does not include the required equipment grounding conductor. Where multiple circuits are run with a common neutral, only one equipment grounding conductor is needed. The equipment grounding conductor shall be furnished with green insulation for conductors #8 AWG and smaller; where larger than #8, the equipment grounding conductor shall be taped green for its entire exposed length.
- 3.4 The grounding electrode conductor(s) shall be bare or shall be colored green for its entire exposed length.
- 3.5 Individual ground conductors shall be installed in PVC conduit sized per the NEC.
- 3.6 Provide receptacles, luminaires, and other devices with a green conductor that bonds the receptacle grounding screw or pigtail, the outlet box grounding screw, and the equipment grounding conductor together.
- 3.7 Telephone, cable television, and other auxiliary systems shall be bonded to the electrical building service ground using a conductor no smaller than #6 AWG.

END OF SECTION

SECTION 16300 - CONDUCTORS**PART 1 - GENERAL****1.01 DESCRIPTION:**

Electrical conductors, cables and related items required to complete the work shall be provided as indicated on the Drawings and as described in the Specifications.

1.02 SUBMITTALS:

A. Submit all required data in accordance with the Submittals.

B. Submittals shall include, but not be limited to, the following:

1. Conductor types and insulation.
2. Manufacturer.
3. Spec-Data Sheets.

C. All branch circuit wiring shall be color coded by insulation covering as follows:

Service Voltage – 480/277-Volts, 3-wire, 1-phase (Verify)
Phase A - Black
Phase B - Red
Three-way and four-way travelers - Yellow
Neutral - White
Equipment Ground - Green

PART 2 - PRODUCTS**2.01 INSULATED CONDUCTORS (600 Volts):**

- A. Sizes shall be not less than indicated. Branch circuit conductors shall be not smaller than No. 12 AWG. Conductors for branch circuits of 120 volts more than 100' long from panel to load center, shall be No. 10 AWG. Class 1 remote-control and signal-circuit conductors shall be not less than No. 14 AWG Class 2 low-energy remote-control and signal circuit conductors shall be not less than No. 16 AWG. All conductors to be stranded annealed copper rated 600 volts.
- B. Insulation shall be type THW, THWN, THHN, or XHHN. Do not mix insulation types in the same raceway or on the same circuit. Insulation shall be of a solid color for color coding as specified hereinafter on conductors # 10 and smaller. On #8 and larger, all conductor insulations shall be solid black, color identified with color banding at each outlet, junction and pull box.
- C. Exterior underground services to building panels and exterior lighting standards will be 600-volt THWN copper in conduit and designed for direct burial applications.

2.02 CONNECTIONS (600 Volts):

- A. Pigtail splices will be permitted only on conductors #10 AWG and smaller and shall be made with a crimp cap, equal to Buchanan, applied with a crimping tool or "Scotlok" connectors or equal.
- B. Straight splices #8 and larger shall be made with pressure tool applied compression type splices.
- C. Lugs shall be crimp-type equal to "Burndy". A hydraulic crimping tool will be used for crimp connections and all sizes #4 AWG and larger.
- D. Split bolt connectors will not be permitted.
- E. All splices and taps shall be insulated with at least three layers of half-lapped Scotch #88 electrical tape or equal.
- F. Speaker cable connections shall be made with silicone-filled type connectors where connections are necessary to prevent moisture contamination.

PART 3 - EXECUTION

3.01 INSTALLATION:

- A. Only approved commercially available wire pulling compounds shall be utilized for lubricants when installing conductors in raceways. Such lubricants are a requirement of these specifications when installing conductors sized #2 and larger.
- B. Wire shall be pulled into raceways from pay-out reels or reels on which the wire was shipped. Wire furnished in coils in boxes shall be removed from the boxes and placed on reels. Wire shall not be fed from the interior of the coil through the holes cut in the side of the boxes.

END OF SECTION

SECTION 16400 - POWER DISTRIBUTION EQUIPMENT**Part I - GENERAL****1.01 PANELBOARDS:**

LIGHT AND POWER PANELBOARDS: Panelboards are scheduled on the drawings. Panelboards shall be circuit breaker type for 480/277, 1-Phase, 3-Wire service as verified with local utility supplier and complete with main breaker (Contractor must verify exact service voltage with local utility provider). Panelboards shall be dead front construction complete with bolt-on branch breakers, pressure terminals, copper busses of ratings scheduled, neutral bar, ground bus, code gauge steel enclosure with door and keyed lock. Panelboards shall be mounted on a galvanized steel rack with meter socket and controls as per detail drawings and schedule. Provide a typewritten schedule inside door. Panelboard shall have minimum interrupting rating of 22,000 amperes RMS symmetrical. Panelboards mounted on exterior racks or enclosures shall be enclosed in a NEMA 3-R weatherproof type enclosure with locking doors.

1.02 METER SOCKET

Meter socket shall be a self-contained type as approved by the local utility provider and mounted on a galvanized steel rack by above panel and as per detail drawing. Meter socket shall be equal to Milbank and rated for approved service voltage.

1.03 SAFETY SWITCHES:

A. Safety switches shall be furnished and installed in accordance with the following requirements:

1. Type HD as defined by NEMA and shall be of voltage rating as required.
2. Horsepower rated in accordance with "fusetrone" fuses on motor circuits.
3. Enclosures: NEMA-3R outdoors, NEMA-1 indoors.
4. Safety Switches shall be Square D, ITE, General Electric or of the same manufacturer as major power distribution components.
5. Safety Disconnect switches shall be equipped with external locking devices
6. All fused switches shall be fused with Bussman Fusetrone dual element type fuses as appropriate to the circuit voltage with size fuse appropriate for motor load.

1.04 LIGHTING CONTACTORS:

- A. Lighting Contactors shall be rated for 600-V, 3-Wire, 1-Phase application, 30-Amp, multiple pole and equal to Square-D Type S.
- B. Lighting Contactors shall be electromagnetically operated, mechanically latched three wire control contactors complete with auxiliary contacts.
- C. Lighting Contactors shall be mounted in a NEMA-3R enclosure.
- D. Lighting Contactors shall be approved for use to control high intensity discharge type lighting systems.
- E. Lighting Contactors shall be controlled by photo-electric cells.

Part 2 - PRODUCTS

2.01 STARTER, CONTROLS, AND DISCONNECTS:

- A. All disconnect switches shall be standard type HP rated, sized to the load and fused so as to provide running overcurrent protection. All fuses shall be dual-element fusetron or equal. Use NEMA type 3R switches for all outside installations.
- B. Supply all motor controls and starters unless furnished with the equipment. Furnish additional interlocks for the starters as required to proper connect the starter as called for in the control wiring diagrams.
- C. Push buttons, limit switches, and other control devices generally will be furnished by installing trade unless specifically called for in this section of the specifications.
- D. Starters for three phase motors shall be furnished with three overload devices, one for each ungrounded leg.

Part 3 - EXECUTION

- A. Motors shall be furnished by the trade supplying the motor driven equipment. Review the requirements of other sections of these specifications to determine electrical requirements to be provided under this section. Generally, motors will be installed by supplying trade and the necessary electrical power supply connections will be a part of the requirements of this Division.

- B. Furnish and install all power wiring required for the entire project as a part of this Division. Control wiring is herein defined to embrace temperature control, interlock sequencing, and initiating controls, and other controls as may be required. Refer to other sections of these specifications and the drawings to determine the extent of such other wiring as may be required.

END OF SECTION

SECTION 16500 - EXTERIOR LIGHTING SYSTEM**Part 1 - GENERAL**

- 1.0 Contractor shall provide and install lighting standards complete with 230-260-W LED fixtures mounted on 6' arms with 2' upsweep and direct embedded aluminum poles for 35'+ mounting heights. Contractor shall also provide multiple power sources complete with meter sockets, power panel boards complete with breakers, underground services from local utility providers, and underground feeders to new lighting standards and mounted on a PVC or galvanized steel and break away rack in accordance with the schedule on the Drawings.
- 2.0 For purposes of identification, specific manufacturers and catalog numbers have been specified. After installation, the Owner will contract with Mississippi Power Company or City of Hattiesburg for maintenance of the new street lighting system. Therefore, fixtures and poles of other manufacturers of equal quality, general dimension, photometric characteristics, and appearance will require prior approval and must be listed or approved on Mississippi Power Company's Materials Standards List. Approval for equal lighting standards will require all equipment submittals complete with computerized photometric drawings indicating maintained lighting levels and all performance ratios for the complete project area within 10 days prior to the bid and upon prior written approval by the Engineer and Owner. Comply with Paragraph 16000-1.06 before bidding.
- 4.0 Procure fixtures completely factory wired for proper operation in the application shown on the drawings shall be furnished with proper fittings and accessories for installation in the area encountered.

1.02 EXTERIOR LUMINAIRES:

- A. Exterior street light fixtures shall be a unique IP66 rated LED light engine provided 0% uplight and restricted backlight to within sidewalk depth, and providing optimal application coverage and optimal pole spacing.
 1. The street light fixture shall be rated for 230-260-watt LED type light, 1,300-ma drive current, standard 4000K color temperature (CCT), minimum of 70 CRI, and complete with integral photo-cell control, and multi-voltage driver for operation for multi-volt operation and IES Type II light distribution.
 2. The fixture shall be equipped with both luminance and illuminance for 0% uplight, low glare, semi-cutoff and excellent NEMA photo control receptacle and twist-lock type photocell.
 3. The fixture shall be made with rugged die-cast aluminum housing with the body painted with black finish in color or as approved by the owner using five-stage pre-treated and painting process to comply with ASTM B117 process with a 5 year warranty.
 4. Light fixture shall be designed for mounting on a 2" diameter 6' length and 2' upsweep aluminum arm which in turn is mounted to the side of an aluminum pole and provide a 3G vibration rating per ANSI C136.
 5. The Street Light Fixture shall be rated for -40 degree C to +40 degree C ambient and shall be provided with an unconditional 5-year warranty.

6. Exterior Light Fixtures shall be equal as approve to American Electric Lighting Autobahn Series ATB2 Roadway Lighting as approved on MPC Materials Standards.

1.03 EXTERIOR FIXTURE POLES AND ARMS:

- B. Pole shall be sized for 35' mounting height and shall be made of tapered aluminum, 0.156" wall alloy 6063-T6 tapered aluminum tube.
 1. The poles shall be design to withstand a wind speed of 100-MPH with a gust factor of 1.3 with required fixtures Effective Projective Areas for twin light fixtures and 6' bracketed arm with 2' upsweep.
 2. The pole shall be equipped with a reinforced 4" X 6" handhole with cover and stainless steel screws. The pole base shall be equipped with grounding lug provided inside base opposite hand hole.
 3. Poles shall be direct burial type and equipped with 9" X 156" aluminum tube shaft with flattened at bottom and 2-1/2" X 8" slotted wireway hole at 24" below ground level.
 4. The pole shall be painted with a power coat paint system, black in color or other specific color as designated by the owner using an electrostatically applied semi-gloss, super durable polyester powder coat painting system with a 5 year warranty.
 5. The aluminum pole shall be equal to Hapco RTA Aluminum Embedded Pole (RTA-35-C-9-A-E-BM) or as approved on MPC Materials Standards List or prior approve equal.

1.04 BRACKET ARMS

Double Elliptical bracket arms shall be made of aluminum and 6' in length with 24" upsweep, slipfitter for 3" tennon mounted with stainless steel mounting screws or mounted to pre-molded side of the aluminum pole as per the pole manufacturer's requirements..

1.05 PHOTO CELL CONTROLS

Photo cell controls shall be locking-type with built-in time delay to prevent false cycling caused by lightning flashes or stray vehicle headlights. Photo cells shall be equipped with

FAIL-ON feature which allows the contacts to default to the closed position upon photo cell failure. The locking type photo-cell shall be mounted to a locking type receptacle complete with mounting bracket and threaded nipple. Photo Control Cells shall be equal to Precision or Fisher Pierce.

1.10 INSTALLATION:

- A. Comply with manufacturer's recommendations for mounting of direct burial cast aluminum poles, 6' arms, and LED style fixtures to the respective poles.
- B. Cast aluminum poles shall be direct buried in select backfill of wet sand or #610 limestone and 18" diameter hole as per details on the drawings.

1.11 LIGHTING FIXTURE PERFORMANCE CRITERIA

- A. Lighting fixture performance criteria for 230-260 Watt LED light source type street light fixture mounted at 35'+ AFG with standard located 2' off the street curb in the grass area between the street curb and sidewalk and adjacent staggered pole spacing of 140-150' (maximum) with IES Type II light distribution shall have the following luminance grid minimum values:

Average Maintained Illuminance levels of 2.0+ FC (3.58 FC Max and 0.9 FC Min)

Avg/Min Illuminance Ratio = 2.6:1

Max/Min Illuminance Ratio = 3.8:1

Located 2' behind street curb

Mounting Height of 35' +2' Upsweep Arm AFG

Total Light Loss factor = 0.9

Street Classification is a Business Parkway

END OF SECTION

SECTION 16600 - ELECTRICAL SERVICE**1.01 GENERAL:**

- A. Electrical contractor shall coordinate extension of underground 480/277-Volt, 3-Wire, 1-Phase electrical service, protective equipment, and metering requirements for the Customer owned lighting standards with Mississippi Power Company. Contractor must verify exact service voltage with MPC.
- B. The electrical contractor will be required to include in the corresponding quote for construction the costs for any contribution to aid new construction and extension of existing wiring and underground service as required by Mississippi Power Company.

1.02 VOLTAGE:

- A. The exterior lighting service voltages shall be 480/277-Volt, 1-Phase, 3-Wire, and 60 Hertz as available with the existing services or as to be determined by MPC (Verify).

1.03 ELECTRIC METER AND METER SOCKET:

Electric metering will be provided by MPC as required. Contractor shall provide and install the required self-contained 600-Volt rated meter socket equal to Milbank or as approved by MPC.

1.04 GROUNDING:

- A. Ground the electrical service in accordance with Article 250 of the National Electrical Code.
- B. Ground the lighting fixtures, pole foundations, lighting standards and new panels as per detail drawings.

1.05 COORDINATION WITH OWNER/ENGINEER:

- A. Contractor shall provide to Owner and Engineer a calendar schedule of work to be performed. This schedule shall be developed after investigation of scheduling and needs, equipment delivery dates and work to be performed by other trades.

END OF SECTION

SECTION 16800 - MECHANICAL SYSTEM WIRING**1.01 GENERAL**

- A. Unless otherwise mentioned herein, the Electrical Contractor shall be responsible for all power wiring of mechanical system. This Contractor is cautioned to familiarize himself with the Mechanical Specification regarding the Electrical Work. Motors shall be installed and mechanically connected by the Mechanical Contractor and electrically connected by the Electrical Contractor. Mechanical Contractor shall be responsible for furnishing to this Contractor all necessary name plate data, equipment power requirements, wiring diagrams, etc., pertaining to the electrical phases of the mechanical installation. Where fuses only are permitted, furnish fusible disconnect with fuse size required by manufacturer of equipment. Obtain written approval of Division 15 contractor of overcurrent size before energizing equipment.

1.02 CONTROL WIRING:

- A. Control wiring is specified to be furnished under DIVISION 15 MECHANICAL WORK: Motor Starter and Motor Contactors, related to Mechanical Work, to be mounted in the equipment cabinet or individually shall be supplied to the electrical Contractor. All wiring internal of motor control centers, motor starter panelboards, etc., shall be the responsibility of the Electrical Contractor. All starters and contactors furnished this Contractor shall be installed by him. Provide 125 volt service to all mechanical system control panels for operation of control devices.

END OF SECTION

SECTION 16900 - EXCAVATION, TRENCHING, AND BACKFILLING**PART 1 - GENERAL****1.01 SCOPE**

This Section covers the excavation, trenching, and backfilling for utilities and appurtenances.

1.02 RELATED WORK SPECIFIED ELSEWHERE**1.03 APPLICABLE PUBLICATIONS**

Where reference is made to other publications, they are referred to by basic designation only and form a part of this specification to the extent indicated by reference thereto. All referenced publications shall be the latest issue, including amendments as of the date of this specification.

PART 2 - PRODUCTS (NOT APPLICABLE)**PART 3 - EXECUTION****3.01 EXCAVATION**

All excavation of every description and of whatever substances encountered shall be performed to the depths indicated or as otherwise specified. During excavation, material suitable for backfilling shall be piled in an orderly manner a sufficient distance from the banks of the trench to avoid overloading and to prevent slides or cave-ins. All excavated materials not required or suitable for backfill shall be removed and disposed of off site at CONTRACTOR's expense. Grading shall be done as necessary to prevent surface water from flowing into trenches or other excavations, and any water accumulating therein shall be removed by pumping or by other approved methods. Sheet piling and shoring shall be done as necessary for the protection of the work and for the safety of personnel. Excavation shall comprise all materials encountered, including rock and filled-in material of whatever nature is involved.

- A. The utilities shall be laid and maintained to lines and grades established by the plans and specifications with fittings and valves at the required locations unless otherwise approved by the OWNER.
- B. Prior to excavation, investigation shall be made to the extent necessary to determine the location of existing underground structures and conflicts. Care

should be exercised by the CONTRACTOR during excavation to avoid damage to existing structures.

- C. When obstructions that are not shown on the plans are encountered during the progress of work and interfere so that an alteration of the plans is required, the Engineer will alter the plans or order deviation in line and grade or arrange for removal, relocation, or reconstruction of the obstructions.
- D. When crossing existing pipelines or other structures, alignment and grade shall be adjusted as necessary, with the approval of the Engineer, to provide clearance as required by federal, state, or local regulations or as deemed necessary by the Engineer to prevent future damage or contamination of either structure.

3.02 TRENCHING - GENERAL

The trench shall be excavated to the required alignment, depth, and width and in conformance with all federal, state, and local regulations for the protection of the workmen.

- A. Trench preparation shall proceed in advance of pipe installation for only as far as stated in the specifications.
- B. Discharge from any trench dewatering pumps shall be conducted to natural drainage channels, storm sewers, or an approved reservoir.
- C. Excavated material shall be placed in a manner that will not obstruct sidewalks, driveways, or other structures and shall be done in compliance with federal, state, or local regulations.
- D. Removal of pavement and road surfaces shall be a part of the trench excavation and the amount removed shall depend upon the width of trench required for the installation of structures. The dimensions of pavement removed shall not exceed the dimensions of the opening required for installation of pipe and other structures by more than 6 inches in any direction unless required or approved by the OWNER. Methods, such as sawing, drilling, or chipping, shall be used to ensure the breakage of pavement along straight lines.
- E. The width of the trench at the top of the pipe shall be that of the single-pass capabilities of normally available excavating equipment and ample to permit the pipe to be laid and joined properly and allow the backfill to be placed as specified. Trench widths at the top of the trench shall be not greater than the normal diameter of the pipe plus 24 inches. Trenches shall be of such extra width, when

required, to permit the placement of timber supports, sheeting, bracing, and appurtenances.

- F. Holes for the bells shall be provided at each joint but shall be no larger than necessary for joint assembly and assurance that the pipe barrel will lie flat on the trench bottom. Other than noted previously, the trench bottom shall be true and even in order to provide support for the full length of the pipe barrel, except that a slight depression may be provided to allow withdrawal of pipe slings or other lifting tackle.
- G. When excavation of rock is encountered, all rock shall be removed to provide a clearance of at least 9 inches below and on each side of all pipe, valves, and fittings. When excavation is completed, a bed of sand, crushed stone, or earth that is free from stones, large clods, or frozen earth, shall be placed on the bottom of the trench to the previously mentioned depths, leveled, and tamped. These clearances and bedding procedures shall also be observed for pieces of concrete or masonry and other debris or subterranean structures, such as masonry walls, piers, or foundations that may be encountered during excavation. This installation procedure shall be followed when gravel formations containing loose boulders greater than 8 inches in diameter are encountered. In all cases, the specified clearances shall be maintained between the bottom of all pipe and appurtenances and any part, projection, or point of rock, boulder, or stones of sufficient size and placement which, in the opinion of the ARCHITECT, could cause a fulcrum point.
- H. Should the trench pass over a sewer or other previous excavation, the trench bottom shall be sufficiently compacted to provide support equal to that of the native soil or conform to other regulatory requirements in a manner that will prevent damage to the existing installation.
- I. Trees, shrubs, fences, and all other property and surface structures shall be protected during construction unless their removal is shown in the plans and specifications or approved by the OWNER. Any cutting of tree roots or branches shall be done only as approved by the OWNER.
- J. Temporary support, adequate protection, and maintenance of all underground and surface structures, drains, sewers, and other obstructions encountered in the progress of the work shall be furnished by the CONTRACTOR. All properties that have been disturbed shall be restored as nearly as practical to their original condition.
- K. When the subgrade is found to be unstable or to include ashes, cinders, refuse, organic material, or other unsuitable material, such material shall be removed, to a

minimum of at least 12 inches, or to the depth ordered by the Engineer and replaced under the directions of the ARCHITECT with clean, stable backfill material. The bedding shall be consolidated and leveled in order that the pipe may be installed in accordance with Section 3.02F.

- L. When the bottom of the trench or the subgrade is found to consist of material that is unstable to such a degree that, in the judgment of the Engineer it cannot be removed, a foundation for the pipe and/or appurtenance shall be constructed using piling, timber, concrete, or other materials at the direction of the Engineer. Appropriate traffic control devices shall be provided in accordance with federal, state, or local regulations to regulate, warn, and guide traffic at the work site.

3.03 BACKFILLING - GENERAL

The trenches shall not be backfilled until the as installed conform to the requirements specified. Where, in the opinion of the Engineer damage is likely to result from withdrawing sheeting, the sheeting shall be left in place. Except as otherwise specified for special conditions of over-depths, trenches shall be backfilled to the ground surface with material that is suitable for the compaction specified hereinafter. Trenches improperly backfilled shall be reopened to the depth required for proper compaction, then refilled and compacted as specified, or the condition shall be otherwise corrected as approved. The surface shall be restored to its original condition as near as practicable as hereinafter specified. Pavement, base course, and compacted subgrade disturbed by trenching operations shall be replaced in an acceptable manner with materials equal to the adjacent compacted subgrade, base course, and pavement for a minimum distance of 12 inches on each side of the trench.

- A. In the lower portion of the trench backfill material shall be deposited in 6-inch maximum thickness layers and compacted with suitable tampers to the density of the adjacent soil or graded as hereinafter specified until there is a cover of not less than one foot over the pipe for Class A and Class B bedding and six inches over the pipe for Class C bedding. The backfill material in this portion of the trench shall consist of a selected material at a moisture content that will facilitate compaction, free from stones larger than 3 inches in any dimension and hard clods and frozen conglomerates larger than 6 inches in any dimension, except that where the pipe is coated or wrapped for protection against corrosion the backfill material shall be free from stones larger than 1 inch in any dimension. If any portion of the cover in the lower portion of the trench is in the depth of special compaction and materials requirements under pavement, the special requirements shall control. Special care shall be taken not to damage the coating or wrapping of pipes.
- B. Except for special materials for pavements, turfed or seeded areas, and sidewalks

the remainder of the trench shall be backfilled with material that is free of stones larger than 6 inches or $\frac{1}{2}$ the layered thickness, whichever is smaller, in any dimension. Backfill material shall be deposited in layers not exceeding twelve inches, and each layer shall be compacted to the minimum density specified as applicable to the particular area. Degree of compaction shall be 90 percent for Class C bedding.

- C. Under paved areas or other areas indicated by the plans Class B bedding shall be required. Backfill trenches from 12 inches above the pipe to pavement base course in six-inch layers to 95 percent of maximum density as determined by AASHTO T180.
- D. Under turfed or seeded areas and sidewalks Class C bedding shall be required. Backfill trenches from 6 inches above the pipe to finished grade in twelve-inch layers to 95 percent of maximum density as determined by AASHTO T180.

END OF SECTION



City of Hattiesburg, MS

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Master

File Number: 2017-624

File ID: 2017-624

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: La'Keylah White

File Created: 08/11/2017

Brief Title: Authorize issuance of manual checks for HOME
Home Program claim for down payment assistance

Final Action: 08/22/2017

Minute Book Number: MB2017-358-359

Title:

Authorize the Mayor to execute a HOME Program Downpayment Assistance Award in the amount of \$3,357.00 to James Massengale, and approve and authorize the issuance of a manual check for the same. {Entitlement}

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: V.-11

Sponsors:

Enactment Date:

Attachments: DPA Grant James Massengale, Homebuyer
Agreement James Massengale, executed Homebuyer
Agreement James Massengale, executed DPA Grant
James Massengale

Enactment Number:

Contact:

Meeting Date: 08/22/2017

Drafter: Ashley Fortenberry

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017	Authorize				Pass
Action Text: A MOTION was made by Council Vice President Dryden and seconded by Council Member Delgado to Authorize the Mayor to execute a HOME Program Downpayment Assistance Award in the amount of \$3,357.00 to James Massengale, and approve and authorize the issuance of a manual check for the same. {Entitlement}							
There being no discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							

Yea: 5 Council Member George
Council Member Delgado
Council President Carroll
Council Vice President Dryden
Council Member Brown

Text of Legislative File 2017-624

Title

Authorize the Mayor to execute a HOME Program Downpayment Assistance Award in the amount of \$3,357.00 to James Massengale, and approve and authorize the issuance of a manual check for the same. {Entitlement}

Summary

Downpayment Assistance-J. Massengale - Entitlement.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

GRANT RECIPIENT/HOMEBUYER LOAN RESERVATION

I/we, **James Massengale**, have read and understand the following conditions and program requirements that apply to my/our participation in the Home Investment Partnership (HOME) Homebuyer Assistance Grant Program.

1. HOME grant funds in the amount of **\$3,357.00** will be reserved to the extent they are available for HOME down payment assistance grant (forgivable loan) to subsidize the purchase of my/our home.
2. Eligible Usage of HOME down payment assistance funds are down payment or closing costs.
3. If approved, this agreement will be dated **08/2017**. The home must be acquired within sixty days of receiving the grant or special compliance of sweat equity is being used as part of the program to purchase the home.
4. The minimum period of affordability for a HOME assisted property is a restriction established by HUD based on the total amount of Home-buyer Assistance. The period of affordability for the purchase will be **5** years expiring on the anniversary of closing in **08/2022**. This period is enforced by a Deed Restriction executed at loan closing. A Deed Restriction is a document signed at closing to assure compliance with the period of affordability.
5. The appraised value of the property is **\$50,000.00**.
6. The home must be maintained as the primary residence throughout the period of affordability.
7. Recapture Provision Applies: The following statement (a) applies to the recapture provision (a) if buyer sells home, or if home is foreclosed during the period of affordability, then a pro-rata amount must be paid back to the City as required in the Written Agreement..
8. Participation in this program requires the completion of Homeownership Training/Counseling. Completion is documented by a certificate of completion. The homebuyer will not be charged for this education/training.
9. HOME assisted properties are required to meet local housing codes. In the absence of local housing codes the home must meet HUD's Section 8 Housing Quality Standards (HQS). When FHA financing is involved, housing meeting HUD's Minimum Property Standards (MPS) will be acceptable.
10. HOME grant funds cannot be used to pay liens, judgments, or debt collections.
11. All properties built prior to 1978 must pass a visual lead-safe inspection.
12. There cannot be any unfair advantage or undue benefit to the homebuyer or others associated with the sale/purchase of the home that would create a conflict of interest.
13. At the time a mortgage loan application is completed, a Good Faith Estimate (GFE) will be signed by the loan applicant, fully disclosing an estimated amount of fees to be charged to the homebuyer at loan closing. Examples of customary fees include, but are not limited to realtor commission fee, appraisal fee, survey fee, flood certificate, termite inspection fee, loan origination, fee loan discount points, underwriting fee, document preparation fee, recording fees, courier fees, tax service fee, attorney fees, title insurance, mortgage insurance premium, and the customary prepaid items like insurance, interest, and taxes.

14. If there are fees charged at closing that are not fully disclosed on the GFE, the homebuyer has the right to question the fee and consult with the Grant Administrator at the City of Hattiesburg, Federal & State Programs Department. (601-545-4597)
15. Earnest money may be paid by the homebuyer at the time a sale contract is signed. At loan closing, the amount deposited as earnest money will be used to reduce the loan amount.
16. A non-refundable credit report fee will be collected from the homebuyer at the time a mortgage application is submitted.
17. Homebuyers have the option of selecting the house of their choice, their own realtor, and their own financing institution from the list of approved City of Hattiesburg lenders.

I/We have read and understand the contents of this agreement and agree to the terms of the award..

Homebuyer(s): _____ Date: _____

_____ Date: _____

As the Participating Lender, all items have been discussed with the above homebuyer(s) and all questions have been answered.

Participating Lender _____ Date: _____

As the administrator, all items have been discussed with the above homebuyer(s) and all questions have been answered.

Administrator: _____ Date: _____

IN WITNESS THEREOF,

The City of Hattiesburg and the AWARDEE have caused their signatures to be hereunto affixed and duly attested:

Sity of Hattiesburg, Mississippi

Downpayment Award Recipien

By: _____
Toby Barker, Mayor

By: _____

Date: _____

Date: _____

Attest: _____
City Clerk

Attest: _____

Date: _____

Date: _____

**CITY OF HATTIESBURG, MS
HOME PROGRAM
HOMEBUYER WRITTEN AGREEMENT**

NOTICE TO HOMEBUYER: *This Agreement contains a number of requirements you must fulfill in exchange for the federal assistance you are receiving through the HOME Investment Partnerships Program (HOME Program). You should read each paragraph carefully and ask questions regarding any sections you do not fully understand. This agreement is intended to be separately enforceable from, and survive any prepayment of, the deferred loan and mortgage as set forth in Section 1 below. You should be sure that you thoroughly understand these documents before you sign them.*

THIS AGREEMENT is made and entered into this 22nd day of August, 2017 by and between The City of Hattiesburg, a political municipality and parish of the State of Mississippi, hereinafter called the “participation jurisdiction” or the “PJ”, and **James Massengale** hereinafter referred to as the “Homebuyer”.

WITNESETH

WHEREAS, the City of Hattiesburg is a Participating Jurisdiction under the **HOME** Investment Partnerships Program (“HOME”) administered by the United States Department of Housing and Urban development (“HUD”); and

WHEREAS, the City of Hattiesburg has the authority to enter into a binding agreement for the expenditures of all or a portion of its HOME funds, program income, and matching funds; and

WHEREAS, the regulations of 24 CFR Part 92, known as the HOME Final Rule (as now in effect and as may be amended from time to time), which are incorporated by reference hereto and made a part hereof and constitutes a part of this Agreement govern the City of Hattiesburg’s implementation of the HOME program; and

WHEREAS, the PJ has determined that the homebuyer meets the eligibility requirements to purchase the single unit dwelling, including form of homeownership, property standards, and income determination for the property located at **402 Dabbs Street** the closing on the purchase of which must occur no later than September 5, 2017 and

NOW, THEREFORE, in accordance with the mutual understanding and agreements set forth herein, the City of Hattiesburg, the PJ and Homebuyer agree as follows:

SECTION 1. Scope of Program

The PJ, by way of a Loan to the Homebuyer, will loan the Homebuyer the sum of **\$3,357.00**, which was provided to the City of Hattiesburg through the HOME Program, to assist the Homebuyer with downpayment, closing costs, and/or a portion of the purchase price of the Property, and therefore representing direct HOME assistance to the Homebuyer.

The Loan will be secured by a Mortgage and Promissory Note filed against the residence located at **402 Dabbs, Hattiesburg, MS 39401**. The Mortgage and Promissory Note will be released upon repayment of the loan under the terms set forth therein. This Agreement shall survive any prepayment of the Loan and release of the Mortgage that does not include a transfer of the property and continue for the full Affordability Period, as described in Section 2. This Agreement will expire once the Affordability Period has expired. The loan may remain in place and payable beyond the Affordability Period.

SECTION 2. Affordability Period

The period of affordability for the Property will **be 5 years** from the date the activity is shown as completed in HUD's Integrated Disbursement and Information System (IDIS), the "Completion Date". During this period (Affordability Period), the Homebuyer must maintain the Property as his/her principal place of residence at all times. The Homebuyer should be aware that the completion date will not occur until sometime after the execution of this agreement.

The PJ will provide a formal Written notice to the Homebuyer of the Completion Date and the resulting expiration date of this Affordability Period and this Agreement. The expiration of this Agreement and the Affordability Period shall be the same. Additionally, this Agreement shall be amended to reflect the expiration date of the Affordability Period and such amendment, along with this Agreement, will be recorded in the land records of the City of Hattiesburg.

If the property is voluntarily or involuntarily sold or transferred to another party during the Affordability Period, the liability of the Homebuyer will be limited as set forth in Section 5 below.

SECTION 3. Property Value and Purchase Price Limits

The appraised value of the Property is **\$50,000.00**, the purchase price of the Property is **\$46,000.00**, which within the applicable HOME maximum purchase price limit for the City of Hattiesburg. The applicable purchase price limit is **\$200,140.00** for new construction and **\$140,000.00** for rehabilitation.

SECTION 4. Principal Residence

This Agreement shall remain in force throughout the Affordability Period as long as the Property remains the principal residence of the Homebuyer. Should the Homebuyer cease to maintain the Property as his/her principal residence, rents the residence to another party, or converts the Property to a non-residential use, the Homebuyer will be in breach of this Agreement and will be required to repay the entire HOME investment amount. The entire HOME investment includes any direct HOME assistance to the Homebuyer described herein and includes any additional HOME funds provided by

The City of Hattiesburg including any funds used for acquisition and development of the property and any HOME funds used to pay project-related soft costs.

As of the date this Agreement, the total HOME investment is estimated to be **\$3,357.00**, but a final accounting of costs will be completed as part of the project's official completion in HUD's IDIS system. Along with Notice of the Completion Date required in Section 2 above, the PJ will provide a formal written notice to the Homebuyer of the total HOME investment and amend this Agreement accordingly.

If the Property is voluntarily or involuntarily sold or transferred to another party during the Affordability Period, the liability of the Homebuyer will be limited as set forth in Section 5 below

SECTION 5. Recapture Agreement

In compliance with 92.254(a) (5), if Homebuyer sells or otherwise voluntarily or involuntarily transfers title to the Property during the affordability period, including transfer as a result of foreclosure, then the direct HOME assistance to the buyer will be recaptured by the PJ in accordance with the terms of section, as limited by the amount of available net proceeds. The term net proceeds is defined as the sale price less the balance due on superior mortgages and closing costs. The PJ reserves the right to determine whether the sale price is comparable to the sales price in an arms-length transaction for a similar unit and to evaluate the closing costs charged to the Homebuyer to ensure they are reasonable and customary.

The PJ will use the following calculation to determine the amount to be recaptured, and imposes these requirements in accordance with 24CFR 92.254 (a)(5)(ii)(A)(2), whereby there is a reduction of the amount subject to recapture, prorate,

1. Calculated the number of months that a beneficiary has satisfied the applicable Affordability period.
2. Divide that number by the total number of months of the applicable Affordability Period.
3. The resulting percentage is the proportion of the Affordability Period that has been satisfied.
4. Multiply the total award amount by this resulting percentage.
5. The resulting dollar amount is the portion of the award that reduces any amount subject to recapture.
6. Subtract the resulting dollar amount from the total award amount to determine the amount to be recaptured.
7. The city may only recapture funds if/when there are net proceeds from which an amount can be recaptured.

Example: A Homebuyer received HOME assistance in the amount of \$10,000, with an applicable affordability period of 5 years (60 months). After 20 Months, the beneficiary sells the house. The City will determine the 20 months of the affordability period was satisfied, which is 33.3% of the total period (20/60). Multiplying \$10,000 (total award) by 33.33% (portion satisfied) equals \$3,333. The total award can be reduced by this amount (\$10,00-\$3,333) to arrive at

the amount to be recaptured - \$6,667. This \$6,667 is the maximum amount that can be recaptured and is subject to what net proceeds are available at sale. If only \$2,000 in net proceeds is available at sale, only \$2,000 will be recaptured. If \$20,000 in net proceeds is available at sale, only \$6,667 will be recaptured.

Further, the City acknowledges the provision of 24 CFR 92.254 (a)(5)(ii) that allows subsequent buyers to assume the remaining Affordability Period should the subsequent buyer be determined income-eligible for HOME purposes. This assumes that the new buyer does not receive any HOME assistance in the acquisition of the unit. Subsequent purchase by a buyer using HOME assistance in the acquisition will result in applicable recapture for the selling party and the establishment of a new affordability period for the new buyer based on the details of their own HOME assistance.

SECTION 6. Use of HOME Funds

The Homebuyer agrees that the Home assistance will be used as gap financing to assist with downpayment, closing costs, and/or the purchase price of the Property. This will reduce the total amount the Homebuyer will be required to borrow from a bank, credit union, or other lender in order to purchase the Property. The amount of HOME assistance will not be final until the PJ has completed all necessary underwriting and subsidy layering requirements.

SECTION 7. Low Income Homebuyer

The Homebuyer attests that the Homebuyer qualifies as a low income individual or household as defined by the HOME Program. "Low-income" is defined as an individual or household whose total income does not exceed 80% of the Area Median Income (AMI) as defined by HUD. The PJ uses the 24 CFR Part 5 definitions for determining income for a HOME-eligible beneficiary.

SECTION 8. Insurance Requirement

The Homebuyer must at all times during the duration of this Agreement maintain a valid and current hazard insurance policy on the Property for the current appraised or assessed value of the Property naming the PJ as an additional loss payee in primary coverage. Failure to maintain a valid and current insurance policy will be considered a breach of this Agreement, and the PJ will have the right to secure insurance for the Property and charge such costs to the Homebuyer or to foreclose on its Mortgage, if necessary, to protect the HOME Program investment. If the property is in a flood zone the homebuyer shall maintain a current and valid flood insurance policy on the property. Evidence of insurance must be provided at closing and annually thereafter.

SECTION 9. Property Maintenance

Homebuyer agrees not to commit waste and to use and maintain the Property in accordance with local zoning, land use, or property maintenance requirements.

SECTION 10. Default and enforcement

In the event the Homebuyer violates any terms of this agreement, including but not limited to the provisions of Section 4, The PJ may enforce the agreement by issuing a Notice of Violation to the Homebuyer. Upon receipt of such a notice, the Homebuyer agrees to remedy the violation within 30 days, or in the case of violation requiring longer cure periods the PJ may allow for a period of up to 90 days to correct the violation. In such cases, the Homebuyer must take action to begin corrections within 30 days. Upon Homebuyer's failure to correct the violation within the allotted period, the PJ may take additional corrective action including suing for specific performance, declaring a default in the Loan and initiating foreclosure proceedings, and seeking any other legal remedies available.

SECTION 11. Role of City of Hattiesburg

As the HOME Participating Jurisdiction, the City of Hattiesburg is ultimately responsible to HUD for compliance with all HOME requirements, including the enforcement of this Agreement and in particular its provision related to Principal Residency and Recapture.

Therefore, Homebuyer specifically acknowledges that any information, documents, certifications, warranties, or promises are being made to the City of Hattiesburg and are true and correct and that Homebuyer's financial situation has not changed significantly since the application was made. The Homebuyer acknowledges that any discrepancies or misstatements may result in Homebuyer's disqualification from participation in the PJ's programs and shall be deemed a breach of this Agreement, and Homebuyer will be required to repay the entire HOME investment amount.

Further, Homebuyer specifically acknowledges that the City of Hattiesburg may review, monitor, or seek to confirm the Homebuyer's ongoing compliance with the terms of this Agreement, and the Homebuyer agrees to provide such information as the PJ may reasonably require in the course of such monitoring or reviews, including but not limited to evidence that the Homebuyer is in compliance with Section 4.

City of Hattiesburg may issue Notice of Violation, require corrective action, or seek performance using any and all legal remedies available.

IN WITNESS WHEREOF, the authorized representatives hereto have caused their names to be affixed on the day and year first above written and for the purposes herein expressed.

CITY OF HATTIESBURG, MISSISSIPPI

By: _____
MAYOR **DATE**

ATTEST:

By: _____
CITY CLERK **DATE**

I, _____, A Notary Public for said Parish and State, certify that _____ personally came before me this day and acknowledged that they are official signatories of the City of Hattiesburg and that by authority duly given and as the act of the municipality, the foregoing instrument was signed in its name by its City of Hattiesburg Director, sealed with the corporate seal, and attested by herself as its City of Hattiesburg Parish Clerk.

WITNESS my hand and official seal, this the _____ day of _____ 20____,

NOTARY PUBLIC

MY COMMISSION EXPIRES: _____

SEAL-STAMP

HOMEBUYER(S)

BY: _____
Print Name _____ Date _____

BY: _____
Print Name _____ Date _____

ATTEST:

MISSISSIPPI, City of Hattiesburg. I, a Notary Public of the Parish and State aforesaid, certify that _____ and _____ personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, this _____ day of _____, 20____. My commission expires: _____.

NOTARY PUBLIC

SEAL-STAMP

**CITY OF HATTIESBURG, MS
HOME PROGRAM
HOMEBUYER WRITTEN AGREEMENT**

NOTICE TO HOMEBUYER: *This Agreement contains a number of requirements you must fulfill in exchange for the federal assistance you are receiving through the HOME Investment Partnerships Program (HOME Program). You should read each paragraph carefully and ask questions regarding any sections you do not fully understand. This agreement is intended to be separately enforceable from, and survive any prepayment of, the deferred loan and mortgage as set forth in Section 1 below. You should be sure that you thoroughly understand these documents before you sign them.*

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WITNESETH,

WHEREAS, the City of Hattiesburg is a Participating Jurisdiction under the **HOME** Investment Partnerships Program ("HOME") administered by the United States Department of Housing and Urban development ("HUD"); and

WHEREAS, the City of Hattiesburg has the authority to enter into a binding agreement for the expenditures of all or a portion of its HOME funds, program income, and matching funds; and

WHEREAS, the regulations of 24 CFR Part 92, known as the HOME Final Rule (as now in effect and as may be amended from time to time), which are incorporated by reference hereto and made a part hereof and constitutes a part of this Agreement govern the City of Hattiesburg's implementation of the HOME program; and

WHEREAS, the PJ has determined that the homebuyer meets the eligibility requirements to purchase the single unit dwelling, including form of homeownership, property standards, and income determination for the property located at **402 Dabbs Street** the closing on the purchase of which must occur no later than September 5, 2017 and

NOW, THEREFORE, in accordance with the mutual understanding and agreements set forth herein, the City of Hattiesburg, the PJ and Homebuyer agree as follows:

SECTION 1. Scope of Program

The PJ, by way of a Loan to the Homebuyer, will loan the Homebuyer the sum of **\$3,357.00**, which was provided to the City of Hattiesburg through the HOME Program, to assist the Homebuyer with downpayment, closing costs, and/or a portion of the purchase price of the Property, and therefore representing direct HOME assistance to the Homebuyer.

The Loan will be secured by a Mortgage and Promissory Note filed against the residence located at **402Dabbs,Hattiesburg, MS 39401**. The Mortgage and Promissory Note will be released upon repayment of the loan under the terms set forth therein. This Agreement shall survive any prepayment of the Loan and release of the Mortgage that does not include a transfer of the property and continue for the full Affordability Period, as described in Section 2. This Agreement will expire once the Affordability Period has expired. The loan may remain in place and payable beyond the Affordability Period.

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If the property is voluntarily or involuntarily sold or transferred to another party during the Affordability Period, the liability of the Homebuyer will be limited as set forth in Section 5 below.

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The appraised value of the Property is **\$50,000.00**, the purchase price of the Property is **\$46,000.00**, which within the applicable HOME maximum purchase price limit for the City of Hattiesburg. The applicable purchase price limit is **\$200,140.00**for new construction and **\$140,000.00**for rehabilitation.

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This Agreement shall remain in force throughout the Affordability Period as long as the Property remains the principal residence of the Homebuyer. Should the Homebuyer cease to maintain the Property as his/her principal residence, rents the residence to another party, or converts the Property to a non-residential use, the Homebuyer will be in breach of this Agreement and will be required to repay the entire HOME investment amount. The entire HOME investment includes any direct HOME assistance to the Homebuyer described herein and includes any additional HOME funds provided by

The City of Hattiesburg including any funds used for acquisition and development of the property and any HOME funds used to pay project-related soft costs.

As of the date this Agreement, the total HOME investment is estimated to be **\$3,357.00**, but a final accounting of costs will be completed as part of the project's official completion in HUD's IDIS system. Along with Notice of the Completion Date required in Section 2 above, the PJ will provide a formal written notice to the Homebuyer of the total HOME investment and amend this Agreement accordingly.

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7. The city may only recapture funds if/when there are net proceeds from which an amount can be recaptured.

Example: A Homebuyer received HOME assistance in the amount of \$10,000, with an applicable affordability period of 5 years (60 months). After 20 Months, the beneficiary sells the house. The City will determine the 20 months of the affordability period was satisfied, which is 33.3% of the total period (20/60). Multiplying \$10,000 (total award) by 33.33% (portion satisfied) equals \$3,333. The total award can be reduced by this amount (\$10,00-\$3,333) to arrive at

the amount to be recaptured - \$6,667. This \$6,667 is the maximum amount that can be recaptured and is subject to what net proceeds are available at sale. If only \$2,000 in net proceeds is available at sale, only \$2, 000 will be recaptured. If \$20,000 in net proceeds is available at sale, only \$6, 667 will be recaptured.

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The Homebuyer agrees that the Home assistance will be used as gap financing to assist with downpayment, closing costs, and/or the purchase price of the Property. This will reduce the total amount the Homebuyer will be required to borrow from a bank, credit union, or other lender in order to purchase the Property. The amount of HOME assistance will not be final until the PJ has completed all necessary underwriting and subsidy layering requirements.

SECTION 7. Low Income Homebuyer

The Homebuyer attests that the Homebuyer qualifies as a low income individual or household as defined by the HOME Program. “Low-income” is defined as an individual or household whose total income does not exceed 80% of the Area Median Income (AMI) as defined by HUD. The PJ uses the 24 CFR Part 5 definitions for determining income for a HOME-eligible beneficiary.

SECTION 8. Insurance Requirement

The Homebuyer must at all times during the duration of this Agreement maintain a valid and current hazard insurance policy on the Property for the current appraised or assessed value of the Property naming the PJ as an additional loss payee in primary coverage. Failure to maintain a valid and current insurance policy will be considered a breach of this Agreement, and the PJ will have the right to secure insurance for the Property and charge such costs to the Homebuyer or to foreclose on its Mortgage, if necessary, to protect the HOME Program investment. If the property is in a flood zone the homebuyer shall maintain a current and valid flood insurance policy on the property. Evidence of insurance must be provided at closing and annually thereafter.

SECTION 9. Property Maintenance

Homebuyer agrees not to commit waste and to use and maintain the Property in accordance with local zoning, land use, or property maintenance requirements.

SECTION 10. Default and enforcement

In the event the Homebuyer violates any terms of this agreement, including but not limited to the provisions of Section 4, The PJ may enforce the agreement by issuing a Notice of Violation to the Homebuyer. Upon receipt of such a notice, the Homebuyer agrees to remedy the violation within 30 days, or in the case of violation requiring longer cure periods the PJ may allow for a period of up to 90 days to correct the violation. In such cases, the Homebuyer must take action to begin corrections within 30 days. Upon Homebuyer's failure to correct the violation within the allotted period, the PJ may take additional corrective action including suing for specific performance, declaring a default in the Loan and initiating foreclosure proceedings, and seeking any other legal remedies available.

SECTION 11. Role of City of Hattiesburg

As the HOME Participating Jurisdiction, the City of Hattiesburg is ultimately responsible to HUD for compliance with all HOME requirements, including the enforcement of this Agreement and in particular its provision related to Principal Residency and Recapture.

Therefore, Homebuyer specifically acknowledges that any information, documents, certifications, warranties, or promises are being made to the City of Hattiesburg and are true and correct and that Homebuyer's financial situation has not changed significantly since the application was made. The Homebuyer acknowledges that any discrepancies or misstatements may result in Homebuyer's disqualification from participation in the PJ's programs and shall be deemed a breach of this Agreement, and Homebuyer will be required to repay the entire HOME investment amount.

Further, Homebuyer specifically acknowledges that the City of Hattiesburg may review, monitor, or seek to confirm the Homebuyer's ongoing compliance with the terms of this Agreement, and the Homebuyer agrees to provide such information as the PJ may reasonably require in the course of such monitoring or reviews, including but not limited to evidence that the Homebuyer is in compliance with Section 4.

City of Hattiesburg may issue Notice of Violation, require corrective action, or seek performance using any and all legal remedies available.

IN WITNESS WHEREOF, the authorized representatives hereto have caused their names to be affixed on the day and year first above written and for the purposes herein expressed.

CITY OF HATTIESBURG, MISSISSIPPI

By: [Signature] 8-22-17
MAYOR DATE

ATTEST: [Signature]
By: 8-22-17
CITY CLERK DATE

I, _____, A Notary Public for said Parish and State, certify that _____ personally came before me this day and acknowledged that they are official signatories of the City of Hattiesburg and that by authority duly given and as the act of the municipality, the foregoing instrument was signed in its name by its City of Hattiesburg Director, sealed with the corporate seal, and attested by herself as its City of Hattiesburg Parish Clerk.

WITNESS my hand and official seal, this the _____ day of _____ 20____,

NOTARY PUBLIC

MY COMMISSION EXPIRES: _____

SEAL-STAMP

HOMEBUYER(S)

BY: _____

Print Name _____ Date _____

BY: _____

Print Name _____ Date _____

ATTEST:

MISSISSIPPI, City of Hattiesburg. I, a Notary Public of the Parish and State aforesaid, certify that _____ and _____ personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, this _____ day of _____, 20____. My commission expires:

NOTARY PUBLIC

SEAL-STAMP

GRANT RECIPIENT/HOMEBUYER LOAN RESERVATION

I/we, **James Massengale**, have read and understand the following conditions and program requirements that apply to my/our participation in the Home Investment Partnership (HOME) Homebuyer Assistance Grant Program.

1. HOME grant funds in the amount of **\$3,357.00** will be reserved to the extent they are available for HOME down payment assistance grant (forgivable loan) to subsidize the purchase of my/our home.
2. Eligible Usage of HOME down payment assistance funds are down payment or closing costs.
3. If approved, this agreement will be dated **08/2017**. The home must be acquired within sixty days of receiving the grant or special compliance of sweat equity is being used as part of the program to purchase the home.
4. The minimum period of affordability for a HOME assisted property is a restriction established by HUD based on the total amount of Home-buyer Assistance. The period of affordability for the purchase will be **5** years expiring on the anniversary of closing in **08/2022**. This period is enforced by a Deed Restriction executed at loan closing. A Deed Restriction is a document signed at closing to assure compliance with the period of affordability.
5. The appraised value of the property is **\$50,000.00**.
6. The home must be maintained as the primary residence throughout the period of affordability.
7. Recapture Provision Applies: The following statement (a) applies to the recapture provision (a) if buyer sells home, or if home is foreclosed during the period of affordability, then a pro-rata amount must be paid back to the City as required in the Written Agreement..
8. Participation in this program requires the completion of Homeownership Training/Counseling. Completion is documented by a certificate of completion. The homebuyer will not be charged for this education/training.
9. HOME assisted properties are required to meet local housing codes. In the absence of local housing codes the home must meet HUD's Section 8 Housing Quality Standards (HQS). When FHA financing is involved, housing meeting HUD's Minimum Property Standards (MPS) will be acceptable.
10. HOME grant funds cannot be used to pay liens, judgments, or debt collections.
11. All properties built prior to 1978 must pass a visual lead-safe inspection.
12. There cannot be any unfair advantage or undue benefit to the homebuyer or others associated with the sale/purchase of the home that would create a conflict of interest.
13. At the time a mortgage loan application is completed, a Good Faith Estimate (GFE) will be signed by the loan applicant, fully disclosing an estimated amount of fees to be charged to the homebuyer at loan closing. Examples of customary fees include, but are not limited to realtor commission fee, appraisal fee, survey fee, flood certificate, termite inspection fee, loan origination, fee loan discount points, underwriting fee, document preparation fee, recording fees, courier fees, tax service fee, attorney fees, title insurance, mortgage insurance premium, and the customary prepaid items like insurance, interest, and taxes.

14. If there are fees charged at closing that are not fully disclosed on the GFE, the homebuyer has the right to question the fee and consult with the Grant Administrator at the City of Hattiesburg, Federal & State Programs Department. (601-545-4597)
15. Earnest money may be paid by the homebuyer at the time a sale contract is signed. At loan closing, the amount deposited as earnest money will be used to reduce the loan amount.
16. A non-refundable credit report fee will be collected from the homebuyer at the time a mortgage application is submitted.
17. Homebuyers have the option of selecting the house of their choice, their own realtor, and their own financing institution from the list of approved City of Hattiesburg lenders.

I/We have read and understand the contents of this agreement and agree to the terms of the award..

Homebuyer(s): _____ Date: _____

_____ Date: _____

As the Participating Lender, all items have been discussed with the above homebuyer(s) and all questions have been answered.

Participating Lender _____ Date: _____

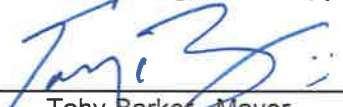
As the administrator, all items have been discussed with the above homebuyer(s) and all questions have been answered.

Administrator: _____ Date: _____

IN WITNESS THEREOF,

The City of Hattiesburg and the AWARDEE have caused their signatures to be hereunto affixed and duly attested:

Sity of Hattiesburg, Mississippi

By: 
Toby Barker, Mayor

Date: 8-22-17

Attest: 
City Clerk

Date: 8-22-17

Downpayment Award Recipien

By: _____

Date: _____

Attest: _____

Date: _____



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-656

File ID: 2017-656

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 08/17/2017

Brief Title: Advertise Notice of Public Hearing on proposed budget
and tax levies for Fiscal Year 2017

Final Action:

Minute Book Number: MB2017-361

Title:

Set a public hearing on the proposed budget and proposed tax levies for
fiscal year 2018 for 6 p.m. Thursday, September 7, 2017, in Council
Chambers at City Hall; Authorize advertisement of Notice of Public Hearing.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: VII.-1

Sponsors:

Enactment Date:

Attachments: Public Hearing Notice FY 18 Budget

Enactment Number:

Contact:

Meeting Date: 08/22/2017

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017					

Text of Legislative File 2017-656

Title

Set a public hearing on the proposed budget and proposed tax levies for fiscal year 2018 for 6 p.m. Thursday, September 7, 2017, in Council Chambers at City Hall; Authorize advertisement of Notice of Public Hearing.

Summary

Public Hearing- FY 2018 Proposed Budget and Proposed Tax Levies

Budget Information

Expenditure Type

Purchasing Item

Publication Information

**NOTICE OF A PUBLIC HEARING ON THE PROPOSED BUDGET AND
PROPOSED TAX LEVIES FOR FISCAL YEAR 2018 FOR THE CITY OF
HATTIESBURG, MS**

The City of Hattiesburg will hold a public hearing on a proposed ad valorem tax revenue increase for Fiscal Year 2018 and on its proposed budget and proposed tax levies for Fiscal year 2018 on Thursday, September 7, 2017, at 6:00 p.m. in the Council Chambers at City Hall, 200 Forrest Street, Hattiesburg, MS.

The City of Hattiesburg, Hattiesburg Municipal Separate School District, and the Library of Hattiesburg, Petal, and Forrest County are now operating with a projected total budget revenue of \$156,403,324. Twenty-six percent (26%) or \$40,948,333 of such revenue is obtained through ad valorem taxes. For next fiscal year, the proposed budget has total projected revenue of \$165,917,033. Of that amount, 27%, or \$44,387,046 is proposed to be financed through a total ad valorem tax levy.

For the next fiscal year, the City of Hattiesburg plans to increase your ad valorem tax millage rate by .26 mills from 115.22 mills to 115.48 mills. This increase means that you will pay more in ad valorem taxes on your home, automobile tag, utilities, business fixtures and equipment and rental real property.

A millage rate of 49.48 will produce the same amount of revenue from ad valorem taxes for the City of Hattiesburg as was collected the prior year. The millage rate for the previous year was 50.16.

A millage rate of 60.51 will produce the same amount of revenue from ad valorem taxes for the Hattiesburg Separate School District as was collected the prior year. The millage rate for the previous year was 65.06.

Any citizen of the City of Hattiesburg is invited to attend this public hearing on the proposed budget and tax levies for Fiscal Year 2018 and will be allowed to speak for a reasonable amount of time and offer tangible evidence before any vote is taken.

Publish August 27, 2017 and September 3, 2017:

The advertisement shall be no less than ¼ page in size and the type used shall be no smaller than 18 point and surrounded by a ¼ inch solid black border. The advertisement may not be placed in that portion of the newspaper where legal notices and classified advertisements appear. (Run in retail section.)



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-651

File ID: 2017-651

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 08/16/2017

Brief Title: Monthly budget report for month ending 7-31-2017.

Final Action:

Minute Book Number: MB2017-362

Title:

Acknowledge receipt of monthly budget report for the month ending July 31, 2017.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: VII.-2

Sponsors:

Enactment Date:

Attachments: EXP17.0717, REV17.0717

Enactment Number:

Contact:

Meeting Date:

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017					

Text of Legislative File 2017-651

Title

Acknowledge receipt of monthly budget report for the month ending July 31, 2017.

Summary

Monthly Budget Report.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

001003 - GENERAL FUND-CITY COUNCIL

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
18408	REGULAR WAGES 4000	197000		148269	48731	83.3 75.2	19,077-	9.6-
	DISASTER RECOVERY WAGE 4010							
	OVERTIME 4300	100			100	83.3	100-	100.0-
	DISASTER RECOVERY OVER 4310							
18408	SALARIES	197100		148269	48831	83.3 75.2	19,177-	9.7-
EMPLOYEE BENEFITS								
2899	STATE RETIREMENT 4600	31043		23352	7691	83.3 75.2	3,020-	9.7-
1391	F.I.C.A. TAXES 4700	15079		10980	4099	83.3 72.8	1,903-	12.6-
3000	HOSPITALIZATION INS. 4800	52800		41700	11100	83.3 78.9	2,760-	5.2-
	UNEMPLOYMENT BENEFITS 4900	500			500	83.3	500-	100.0-
1001	WORKMAN'S COMPENSATION 4910	524		1001	477-	83.3 191.0	677	129.1
8292	EMPLOYEE BENEFITS	99946		77033	22913	83.3 77.0	7,506-	7.5-
26700	PERSONAL SERVICES	297046		225302	71744	83.3 75.8	26,683-	8.9-
OFFICE SUPPLIES								
	PAPER 5003							
	PRINTED FORMS 5005							
162	OTHER EXPENDABLE OFF.S 5010	1500		805	695	83.3 53.6	534-	35.6-
	MINOR OFFICE EQUIP/FUR 5020	300			300-	83.3	300-	100.0-
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070	400			400	83.3	400-	100.0-
	COMPUTER SUPPLIES 5080	1100		878	222	83.3 79.8	46-	4.1-
162	OFFICE SUPPLIES	2700		1684	1017	83.3 62.3	679-	25.1-
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100							
	HOUSEHOLD SUPPLIES 5110							
69	FOOD 5115	400		375	25	83.3 93.7	50	12.5
	MINOR EQUIPMENT 5460	300		150	150	83.3 50.0	120-	40.0-
	OTHER OPERATING MATL/S 5590							
69	OPERATING SUPPLIES	700		525	175	83.3 75.0	70-	10.0-
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600							
	MTR VEHICLE REP. PTS/S 5700							
	OTHER REPAIR/MAINT. SP 5990							
REPAIR & MAINTENANCE								

231	SUPPLIES AND EXPENSES	3400	2208	1192	83.3	64.9	750-	22.0-
	PROFESSIONAL SERVICES							
	AUDITING AND ACCOUNTIN 6010	100000	98560	1440	83.3	98.5	18,272	18.2
	ARCHITECTURAL 6012							
	ENTERTAINMENT 6033							
	DATA PROCESSING 6035							
	OTHER PROFESSIONAL SER 6049							
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	PROFESSIONAL SERVICE	100000	98560	1440	83.3	98.5	18,272	18.2
	COMMUNICATIONS							
408	TELEPHONE AND TELEGRAP 6060	1800	1770	30	83.3	98.3	324	18.0
	POSTAGE 6070							
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408	COMMUNICATIONS	1800	1770	30	83.3	98.3	324	18.0
	TRANSPORTATION							
	TRAVEL EXPENSE 6110							
2192	TRAVEL EXP-CLERK 6110 CLERK	3850	2830	1020	83.3	73.5	454-	11.7-
1001	TRAVEL EXP-DEPCLERK 6110 DEPCLE	2000	708	1292	83.3	35.4	1,150-	57.5-
1001	TRAVEL EXP-WARD 1 6110 WARD1	2000	1001	999	83.3	50.0	798-	39.9-
	TRAVEL EXP-WARD 2 6110 WARD2	2114	2114		83.3	100.0	422	19.9
1001	TRAVEL EXP-WARD 3 6110 WARD3	2000	1001	999	83.3	50.0	798-	39.9-
1001	TRAVEL EXP-WARD 4 6110 WARD4	2000	1001	999	83.3	50.0	798-	39.9-
1332	TRAVEL EXP-WARD 5 6110 WARD5	2000	250	1731	83.3	86.5	77	3.8
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7529	TRAVEL EXPENSE	15964	250	10386	83.3	65.0	3,500-	21.9-
	FREIGHT 6120							
	MESSENGER/EXPRESS SERV 6130	100	18	82	83.3	18.0	78-	78.0-
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7529	TRANSPORTATION	16064	250	10404	83.3	64.7	3,579-	22.2-
	ADVERTISING							
	ADVERTISING 6150							
	ORDINANCE EXPENSE 6160							
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	ADVERTISING							
	PRINTING AND BINDING							
	PRINTING 6200							
	BINDING 6205							
	FILM PROCESSING 6240							
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	PRINTING AND BINDING							
	INSURANCE							
5694	PUBLIC LIAB/PROPERTY D 6255	5800	5694	106	83.3	98.1	1,032	17.7
	SURETY AND FORGERY BON 6270							
	OTHER INSURANCE 6299							
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5694	INSURANCE	5800	5694	106	83.3	98.1	1,032	17.7
	REPR/MAINT-OUTSIDE LABO							
	OFFICE EQUIPMENT R&M 6365							
	HOUSEHOLD EQUIPMENT R& 6370							
	MINOR EQUIPMENT R&M 6382							
	MOTOR VEHICLE EQ. R&M 6384							

OTHER REPAIRS AND MAIN 6399										

REPR/MAINT-OUTSIDE L										
RENTALS										
OFFICE EQUIPMENT RENT 6410										
OTHER RENT 6449										

RENTALS										
OTHER SERVICES & CHARGE										
154	EXHIBITIONS & PROMOTIO	6500	415		154	261	83.3	37.1	230-	55.4-
	DUES AND MEMBERSHIPS	6840	790		370	420	83.3	46.8	346-	43.7-
	REGISTRATION FEE/TUITI	6845								
235	REG FEE/TUITION-CLERK	6845 CLERK	1850		1845	5	83.3	99.7	364	19.6
235	REG FEE/TUITION-DEPCL	6845 DEPCLE	1085		735	350	83.3	67.7	203-	18.7-
235	REG FEE/TUITION-WARD	6845 WARD1	1000		235	765	83.3	23.5	718-	71.8-
	REG FEE/TUITION-WARD	6845 WARD2	886		886		83.3	100.0	177	19.9
235	REG FEE/TUITION-WARD	6845 WARD3	400		235	165	83.3	58.7	118-	29.5-
235	REG FEE/TUITION-WARD	6845 WARD4	400		235	165	83.3	58.7	118-	29.5-
235	REG FEE/TUITION-WARD	6845 WARD5	1000		410	590	83.3	41.0	508-	50.8-

1410	REGISTRATION FEE/TU		6621		4581	2040	83.3	69.1	1,123-	16.9-
SERVICES NOT SPECIFIED 6999										

1564	OTHER SERVICES & CHA		7826		5105	2721	83.3	65.2	1,700-	21.7-

15195	OTHER SERVICES & CHAR		131490	250	121533	9708	83.3	92.4	14,349	10.9

IMPROVEMENT OTHER THAN										
OTHER IMPROVEMENTS 7295										

IMPROVEMENT OTHER TH										
MACHINERY AND EQUIPMENT										
	HOUSEHOLD FURN/EQUIP.	7320								
	OFFICE FURN/EQUIP.	7325								
	DATA PROCESSING EQUIP.	7327								
	COMMUNICATION EQUIPMEN	7355								
	OTHER EQUIPMENT	7399								

MACHINERY AND EQUIPM										

CAPITAL OUTLAY										

42126	EXPENDITURES		431936	250	349043	82643	83.3	80.8	13,084-	3.0-

001015 - GENERAL FUND-CITY COURT

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
49347	REGULAR WAGES 4000	842957		494273	348684	83.3 58.6	249,829-	29.6-
	DISASTER RECOVERY WAGE 4010							
1319	OVERTIME 4300	15000		11129	3871	83.3 74.1	1,645-	10.9-
	DISASTER RECOVERY OVER 4310							
50666	SALARIES	857957		505402	352555	83.3 58.9	251,474-	29.3-
EMPLOYEE BENEFITS								
7980	STATE RETIREMENT 4600	135130		79601	55529	83.3 58.9	39,608-	29.3-
3712	F.I.C.A. TAXES 4700	60475		37131	23344	83.3 61.3	15,917-	26.3-
7000	HOSPITALIZATION INS. 4800	142100		109239	32861	83.3 76.8	11,013-	7.7-
1637	UNEMPLOYMENT BENEFITS 4900	5677		5621	56	83.3 99.0	1,068	18.8
4583	WORKMAN'S COMPENSATION 4910	1740		4583	2843-	83.3 263.3	3,759	216.0
24912	EMPLOYEE BENEFITS	345122		236175	108947	83.3 68.4	61,712-	17.8-
75578	PERSONAL SERVICES	1203079		741577	461502	83.3 61.6	313,186-	26.0-
OFFICE SUPPLIES								
	PAPER 5003	4000	840	1596	1564	83.3 39.9	2,084-	52.1-
	PRINTED FORMS 5005	100		6	94	83.3 6.0	92-	92.0-
442	OTHER EXPENDABLE OFF.S 5010	9300	1,257	6647	1396	83.3 71.4	1,323-	14.2-
	MINOR OFFICE EQUIP/FUR 5020	9300	1,317	3922	4061	83.3 42.1	4,593-	49.3-
	MICROFILM SUPPLIES 5030	100			100	83.3	100-	100.0-
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080	3500		1429	2071	83.3 40.8	1,785-	51.0-
442	OFFICE SUPPLIES	26300	3,414	13600	9286	83.3 51.7	9,980-	37.9-
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100							
	FOOD 5115	800	77	400	323	83.3 50.0	320-	40.0-
	GAS AND OIL 5250	7720			7720	83.3	7,720-	100.0-
	WEARING APPAREL 5355	200		42	158	83.3 21.0	149-	74.5-
	MINOR EQUIPMENT 5460	7100	80	1382	5638	83.3 19.4	5,441-	76.6-
	OTHER OPERATING MATL/S 5590							
	OTHER OPER.MATL-JAIL G 5591							
	OPERATING SUPPLIES	15820	157	1825	13838	83.3 11.5	13,630-	86.1-
REPAIR & MAINTENANCE SP								
64	BUILDING MATERIALS & S 5600	2000		1865	135	83.3 93.2	238	11.9
	MTR VEHICLE REP. PTS/S 5700							
64	REPAIR & MAINTENANCE	2000		1865	135	83.3 93.2	238	11.9

506	SUPPLIES AND EXPENSES	44120	3,571	17290	23259	83.3	39.1	23,372-	52.9-
	PROFESSIONAL SERVICES								
	CONSULTANT SERV/SURVEY 6020								
	LEGAL 6025	11313		2409	8904	83.3	21.2	8,422-	74.4-
	DATA PROCESSING 6035								
	MICROFILM PROCESSING 6037								
900	OTHER PROF-JAIL DIV GR 6048	10000		14122	4122-	83.3	141.2	6,946	69.4
8921	OTHER PROFESSIONAL SER 6049	126026		96258	29768	83.3	76.3	10,516-	8.3-
	OTHER PROF-TECHNOLOGY 6049 01	98551		81012	17539	83.3	82.2	1,336-	1.3-
8921	OTHER PROFESSIONAL	224577		177270	47307	83.3	78.9	11,853-	5.2-
9821	PROFESSIONAL SERVICE	245890		193801	52089	83.3	78.8	13,328-	5.4-
	COMMUNICATIONS								
679	TELEPHONE AND TELEGRAP 6060	4000		3573	427	83.3	89.3	287	7.1
	POSTAGE 6070								
679	COMMUNICATIONS	4000		3573	427	83.3	89.3	287	7.1
	TRANSPORTATION								
45-	TRAVEL EXPENSE 6110	12900	1,004	9684	2213	83.3	75.0	1,279-	9.9-
1426-	TRVL-JAIL DIVERSN GRAN 6118	17270	1,949	7106	8215	83.3	41.1	8,742-	50.6-
	FREIGHT 6120								
	MESSENGER/EXPRESS SERV 6130								
1471-	TRANSPORTATION	30170	2,953	16789	10428	83.3	55.6	10,023-	33.2-
	ADVERTISING								
	ADVERTISING 6150								
	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING 6200	3000	1,238	1594	169	83.3	53.1	1,087-	36.2-
	BINDING 6205								
	PRINTING AND BINDING	3000	1,238	1594	169	83.3	53.1	1,087-	36.2-
	INSURANCE								
13	SURETY AND FORGERY BON 6270								
1424	GAS 6300	2000		1001	999	83.3	50.0	798-	39.9-
	ELECTRICITY 6305			9753	9753-			11,703	
1437	INSURANCE	2000		10755	8755-	83.3	537.7	10,906	545.3
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350	3184		2584	600	83.3	81.1	83-	2.6-
	OFFICE EQUIPMENT R&M 6365	1000		75	925	83.3	7.5	910-	91.0-
	REPR/MAINT-OUTSIDE L	4184		2659	1525	83.3	63.5	993-	23.7-
	RENTALS								
2036	OFFICE EQUIPMENT RENT 6410	10000		4795	5205	83.3	47.9	4,246-	42.4-
	OTHER RENT 6449								
2036	RENTALS	10000		4795	5205	83.3	47.9	4,246-	42.4-

	OTHER SERVICES & CHARGE								
	COURT COSTS	6710							
	REFUNDS	6835							
	POLICE FINE REFUNDS	6835 PF							
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	REFUNDS								
	DUES AND MEMBERSHIPS	6840	800		287	513	83.3	35.8	455- 56.8-
	REGISTRATION FEE/TUITI	6845	2200		2152	48	83.3	97.8	382 17.3
	SERVICES NOT SPECIFIED	6999							
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	OTHER SERVICES & CHA		3000		2439	561	83.3	81.3	73- 2.4-
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12503	OTHER SERVICES & CHAR		302244	4,191	236405	61649	83.3	78.2	18,558- 6.1-
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
	OTHER EQUIPMENT	7399							
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	MACHINERY AND EQUIPM								
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	CAPITAL OUTLAY								
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88587	EXPENDITURES		1549443	7,762	995271	546410	83.3	64.2	355,117- 22.9-

001020 - GENERAL FUND-MAYOR/ADMIN.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
34977	REGULAR WAGES 4000	434716		328118	106598	83.3 75.4	40,974-	9.4-
	DISASTER RECOVERY WAGE 4010			3187	3187-		3,824	
	OVERTIME 4300	1000		843	157	83.3 84.3	11	1.1
	DISASTER RECOVERY OVER 4310			1730	1730-		2,076	
34977	SALARIES	435716		333879	101837	83.3 76.6	35,061-	8.0-
EMPLOYEE BENEFITS								
5509	STATE RETIREMENT 4600	68625		52586	16039	83.3 76.6	5,521-	8.0-
2620	F.I.C.A. TAXES 4700	33332		24896	8436	83.3 74.6	3,456-	10.3-
3000	HOSPITALIZATION INS. 4800	59400		46600	12800	83.3 78.4	3,480-	5.8-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	83.3	500-	100.0-
9634	WORKMAN'S COMPENSATION 4910	5039		9634	4595-	83.3 191.1	6,521	129.4
20763	EMPLOYEE BENEFITS	166896		133716	33180	83.3 80.1	6,436-	3.8-
55740	PERSONAL SERVICES	602612		467595	135017	83.3 77.5	41,498-	6.8-
OFFICE SUPPLIES								
	PAPER 5003	500		399	101	83.3 79.8	21-	4.2-
	PRINTED FORMS 5005							
300	OTHER EXPENDABLE OFF.S 5010	3367	300	1423	1644	83.3 42.2	1,659-	49.2-
	MINOR OFFICE EQUIP/FUR 5020	1745		974	771	83.3 55.8	576-	33.0-
	PHOTO SUPPLIES 5040							
214	SUBSCRIPTIONS,MAGS,MAP 5050	1161		1061	100	83.3 91.3	112	9.6
	BOOKS 5070	280			280	83.3	280-	100.0-
	COMPUTER SUPPLIES 5080	1976		1959	17	83.3 99.1	374	18.9
514	OFFICE SUPPLIES	9029	300	5815	2914	83.3 64.4	2,051-	22.7-
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100							
	HOUSEHOLD SUPPLIES 5110							
223	FOOD 5115	2275		1732	543	83.3 76.1	196-	8.6-
138	GAS AND OIL 5250	3900		2643	1257	83.3 67.7	728-	18.6-
	LUBRICANTS 5255							
	MINOR EQUIPMENT 5460							
	OTHER OPERATING MATL/S 5590	500		135	365	83.3 27.0	338-	67.6-
	OTHER OPER.MATL-NLC HE 5591							
362	OPERATING SUPPLIES	6675		4509	2166	83.3 67.5	1,264-	18.9-
REPAIR & MAINTENANCE SP								
	MTR VEHICLE REP. PTS/S 5700	750		341	409	83.3 45.4	340-	45.3-
	COMMUNICATION REPAIR P 5750							
	OTHER REPAIR/MAINT. SP 5990	320		20	300	83.3 6.2	296-	92.5-

	DISASTER REPAIR SUPPLI	5995	271		270	1	83.3	99.6	53	19.5
	REPAIR & MAINTENANCE		1341		631	710	83.3	47.0	583-	43.4-
876	SUPPLIES AND EXPENSES		17045	300	10956	5789	83.3	64.2	3,897-	22.8-
	PROFESSIONAL SERVICES									
	APPRAISAL	6017								
	CONSULTANT SERV/SURVEY	6020								
	ENTERTAINMENT	6033								
	OTHER PROFESSIONAL SER	6049								
	OTHER PROF SERV-NLC HE	6049 98	144		144		83.3	100.0	28	19.4
	PROFESSIONAL SERVICE		144		144		83.3	100.0	28	19.4
1091	COMMUNICATIONS									
	TELEPHONE AND TELEGRAP	6060	6956		6926	30	83.3	99.5	1,355	19.4
	POSTAGE	6070								
1091	COMMUNICATIONS		6956		6926	30	83.3	99.5	1,355	19.4
5871	TRANSPORTATION									
	TRAVEL EXPENSE	6110	23095	300	17894	4901	83.3	77.4	1,622-	7.0-
26	FREIGHT	6120	150		75	75	83.3	50.0	60-	40.0-
	MESSENGER/EXPRESS SERV	6130								
5897	TRANSPORTATION		23245	300	17969	4976	83.3	77.3	1,682-	7.2-
13941	ADVERTISING									
	ADVERTISING	6150	27170	1,918	23771	1481	83.3	87.4	1,355	4.9
	ADVERTISING-BC HEALTHY	6151								
	ADVERTISING-SPEC. EVEN	6152								
	ADVERTISING-MAYOR'S YO	6153	10000		5732	4268	83.3	57.3	3,121-	31.2-
	ADVERTISING-USM-ISP	6156	28000		28000		83.3	100.0	5,600	20.0
	ADVERTISING-WILLIAM CA	6157	7000		7000		83.3	100.0	1,400	20.0
	ADVERTISING-MS ASSC OF	6158								
13941	ADVERTISING		72170	1,918	64503	5749	83.3	89.3	5,233	7.2
32	PRINTING AND BINDING									
	PRINTING	6200	1500		772	728	83.3	51.4	573-	38.2-
	BINDING	6205								
	BLUELINES	6210								
	FILM PROCESSING	6240								
32	PRINTING AND BINDING		1500		772	728	83.3	51.4	573-	38.2-
	INSURANCE									
	PUBLIC LIAB/PROPERTY D	6255								
	AUTOMOBILE INSURANCE	6265								
	SURETY AND FORGERY BON	6270								
	OTHER INSURANCE	6299								
	INSURANCE									
	REPR/MAINT-OUTSIDE LABO									
	DISASTER REPAIRS	6351	200		200		83.3	100.0	40	20.0
225	OFFICE EQUIPMENT R&M	6365	5000		2419	2581	83.3	48.3	2,097-	41.9-

30	HOUSEHOLD EQUIPMENT R&M 6370								
	MINOR EQUIPMENT R&M 6382								
	MOTOR VEHICLE EQ. R&M 6384	1375		30	1345	83.3	2.1	1,339-	97.3-
	COMMUNICATION EQ. R&M 6390								
	OTHER REPAIRS AND MAIN 6399								
255	REPR/MAINT-OUTSIDE L	6575		2649	3926	83.3	40.2	3,396-	51.6-
	RENTALS								
	OFFICE EQUIPMENT RENT 6410								
	OTHER RENT 6449								
	RENTALS								
	OTHER SERVICES & CHARGE								
	LATE PAYMENT CHARGE 6705								
550	DUES AND MEMBERSHIPS 6840	3000		485	2515	83.3	16.1	2,418-	80.6-
	REGISTRATION FEE/TUITI 6845	4980		4305	675	83.3	86.4	186	3.7
	SERVICES NOT SPECIFIED 6999	875		875		83.3	100.0	175	20.0
550	OTHER SERVICES & CHA	8855		5665	3190	83.3	63.9	2,057-	23.2-
21766	OTHER SERVICES & CHAR	119445	2,218	98628	18599	83.3	82.5	1,091-	.9-
	IMPROVEMENT OTHER THAN								
	OTHER IMPROVEMENTS 7295								
	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	HOUSEHOLD FURN/EQUIP. 7320								
	OFFICE FURN/EQUIP. 7325	2000			2000	83.3		2,000-	100.0-
	DATA PROCESSING EQUIP. 7327								
	COMMUNICATION EQUIPMEN 7355								
	OTHER EQUIPMENT 7399	3396		1696	1700	83.3	49.9	1,360-	40.0-
	MACHINERY AND EQUIPM	5396		1696	3700	83.3	31.4	3,360-	62.2-
	VEHICLES								
	AUTOMOBILES 7400								
	VEHICLES								
	CAPITAL OUTLAY	5396		1696	3700	83.3	31.4	3,360-	62.2-
78383	EXPENDITURES	744498	2,518	578874	163106	83.3	77.7	49,849-	6.6-

001030 - GENERAL FUND-ELECTIONS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
REGULAR WAGES	4000							
OVERTIME	4300							
SALARIES								
EMPLOYEE BENEFITS								
STATE RETIREMENT	4600							
F.I.C.A. TAXES	4700							
HOSPITALIZATION INS.	4800							
UNEMPLOYMENT BENEFITS	4900							
WORKMAN'S COMPENSATION	4910							
EMPLOYEE BENEFITS								
PERSONAL SERVICES								
OFFICE SUPPLIES								
PAPER	5003							
PRINTED FORMS	5005							
OTHER EXPENDABLE OFF.S	5010	800	200	517	83	83.3 64.6	179-	22.3-
OFFICE SUPPLIES								
OPERATING SUPPLIES		800	200	517	83	83.3 64.6	179-	22.3-
MINOR EQUIPMENT	5460							
OTHER OPERATING MATL/S	5590	2400		2175	225	83.3 90.6	210	8.7
OPERATING SUPPLIES								
REPAIR & MAINTENANCE SP		2400		2175	225	83.3 90.6	210	8.7
OTHER REPAIR/MAINT. SP	5990							
REPAIR & MAINTENANCE								
SUPPLIES AND EXPENSES								
		3200	200	2692	308	83.3 84.1	30	.9
PROFESSIONAL SERVICES								
LEGAL	6025							
DATA PROCESSING	6035							
OTHER PROFESSIONAL SER	6049							
PROFESSIONAL SERVICE								
COMMUNICATIONS								
POSTAGE	6070	7180		6865	315	83.3 95.6	1,058	14.7
COMMUNICATIONS								
		7180		6865	315	83.3 95.6	1,058	14.7

	TRANSPORTATION									
	FREIGHT	6120	235	233	2	83.3	99.1	44	18.7	
	MESSENGER/EXPRESS SERV	6130	500		500	83.3		500-	100.0-	
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	TRANSPORTATION		735	233	502	83.3	31.7	455-	61.9-	
	ADVERTISING									
	ADVERTISING	6150								
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	ADVERTISING									
	PRINTING AND BINDING									
389	PRINTING	6200	7085	4794	2291	83.3	67.6	1,332-	18.8-	
	BINDING	6205								
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389	PRINTING AND BINDING		7085	4794	2291	83.3	67.6	1,332-	18.8-	
	REPR/MAINT-OUTSIDE LABO									
	OFFICE EQUIPMENT R&M	6365								
	OTHER REPAIRS AND MAIN	6399								
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	REPR/MAINT-OUTSIDE L									
	RENTALS									
	BUILDING RENT	6405								
	OFFICE EQUIPMENT RENT	6410								
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	RENTALS									
	OTHER SERVICES & CHARGE									
320	SERVICES NOT SPECIFIED	6999	49000	48269	731	83.3	98.5	8,922	18.2	
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320	OTHER SERVICES & CHA		49000	48269	731	83.3	98.5	8,922	18.2	
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709	OTHER SERVICES & CHAR		64000	60161	3839	83.3	94.0	8,193	12.8	
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	MACHINERY AND EQUIPMENT									
	OFFICE FURN/EQUIP.	7325								
	OTHER EQUIPMENT	7399								
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	MACHINERY AND EQUIPM									
-----			-----	-----	-----	-----	-----	-----	-----	
	CAPITAL OUTLAY									
-----			-----	-----	-----	-----	-----	-----	-----	
709	EXPENDITURES		67200	200	62853	4147	83.3	93.5	8,223	12.2

001040 - GENERAL FUND-MUNICIPAL CLERK

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
6844	REGULAR WAGES 4000	101883		77879	24004	83.3 76.4	8,428-	8.2-
	DISASTER RECOVERY WAGE 4010							
	OVERTIME 4300	2000			2000	83.3	2,000-	100.0-
	DISASTER RECOVERY OVER 4310			52	52-		62	
6844	SALARIES	103883		77931	25952	83.3 75.0	10,365-	9.9-
EMPLOYEE BENEFITS								
1078	STATE RETIREMENT 4600	16362		12274	4088	83.3 75.0	1,633-	9.9-
493	F.I.C.A. TAXES 4700	7947		5652	2295	83.3 71.1	1,164-	14.6-
1500	HOSPITALIZATION INS. 4800	26400		20600	5800	83.3 78.0	1,680-	6.3-
	UNEMPLOYMENT BENEFITS 4900	500			500	83.3	500-	100.0-
780	WORKMAN'S COMPENSATION 4910	408		780	372-	83.3 191.1	528	129.4
3851	EMPLOYEE BENEFITS	51617		39306	12311	83.3 76.1	4,449-	8.6-
10696	PERSONAL SERVICES	155500		117237	38263	83.3 75.3	14,815-	9.5-
OFFICE SUPPLIES								
	PAPER 5003							
	PRINTED FORMS 5005							
23	OTHER EXPENDABLE OFF.S 5010	4817	9	3252	1556	83.3 67.5	914-	18.9-
	MINOR OFFICE EQUIP/FUR 5020	869		180	689	83.3 20.7	653-	75.1-
	MICROFILM SUPPLIES 5030							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080	300			300	83.3	300-	100.0-
23	OFFICE SUPPLIES	5986	9	3432	2545	83.3 57.3	1,867-	31.1-
OPERATING SUPPLIES								
	FOOD 5115							
	GAS AND OIL 5250							
	MINOR EQUIPMENT 5460							
	OTHER OPERATING MATL/S 5590							
OPERATING SUPPLIES								
23	SUPPLIES AND EXPENSES	5986	9	3432	2545	83.3 57.3	1,867-	31.1-
PROFESSIONAL SERVICES								
	CONSULTANT SERV/SURVEY 6020							
	ABSTRACTING & RECORDIN 6023							
	LEGAL 6025							
	DATA PROCESSING 6035							

375	MICROFILM PROCESSING	6037								
	OTHER PROFESSIONAL SER	6049	500		375	125	83.3	75.0	50-	10.0-
375	PROFESSIONAL SERVICE		500		375	125	83.3	75.0	50-	10.0-
	COMMUNICATIONS									
	TELEPHONE AND TELEGRAP	6060								
	POSTAGE	6070								
	COMMUNICATIONS									
	TRANSPORTATION									
	TRAVEL EXPENSE	6110								
	FREIGHT	6120								
	MESSENGER/EXPRESS SERV	6130	75			75	83.3		75-	100.0-
	TRANSPORTATION		75			75	83.3		75-	100.0-
	ADVERTISING									
135	ADVERTISING	6150	19500		12702	6798	83.3	65.1	4,257-	21.8-
	ORDINANCE EXPENSE	6160	3000			3000	83.3		3,000-	100.0-
135	ADVERTISING		22500		12702	9798	83.3	56.4	7,257-	32.2-
	PRINTING AND BINDING									
	PRINTING	6200	1600			1600	83.3		1,600-	100.0-
	BINDING	6205								
	PRINTING AND BINDING		1600			1600	83.3		1,600-	100.0-
	INSURANCE									
	SURETY AND FORGERY BON	6270								
	INSURANCE									
298	REPR/MAINT-OUTSIDE LABO									
	OFFICE EQUIPMENT R&M	6365	1614		1048	566	83.3	64.9	356-	22.0-
	DISINFECT./EXTERMINATI	6394	1000		325	675	83.3	32.5	610-	61.0-
	OTHER REPAIRS AND MAIN	6399								
298	REPR/MAINT-OUTSIDE L		2614		1373	1241	83.3	52.5	966-	36.9-
	RENTALS									
	OFFICE EQUIPMENT RENT	6410								
	RENTALS									
	OTHER SERVICES & CHARGE									
	DUES AND MEMBERSHIPS	6840				900	83.3		900-	100.0-
	REGISTRATION FEE/TUITI	6845	900			998	83.3	.3	996-	99.6-
	SERVICES NOT SPECIFIED	6999	1000		3					
	OTHER SERVICES & CHA		1900		3	1898	83.3	.1	1,896-	99.7-
808	OTHER SERVICES & CHAR		29189		14452	14737	83.3	49.5	11,846-	40.5-
	MACHINERY AND EQUIPMENT									
	OFFICE FURN/EQUIP.	7325								
	DATA PROCESSING EQUIP.	7327								
	OTHER EQUIPMENT	7399								

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	MACHINERY AND EQUIPM								
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	CAPITAL OUTLAY								
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11527	EXPENDITURES	190675	9	135120	55546	83.3	70.8	28,531-	14.9-

001041 - GENERAL FUND-TAX DIVISION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
	REGULAR WAGES	4000						
	OVERTIME	4300						
-----			-----	-----	-----	-----	-----	-----
SALARIES								
EMPLOYEE BENEFITS								
	STATE RETIREMENT	4600						
	F.I.C.A. TAXES	4700						
	HOSPITALIZATION INS.	4800						
	UNEMPLOYMENT BENEFITS	4900						
	WORKMAN'S COMPENSATION	4910						
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EMPLOYEE BENEFITS								
-----			-----	-----	-----	-----	-----	-----
PERSONAL SERVICES								
OFFICE SUPPLIES								
	PAPER	5003						
	PRINTED FORMS	5005						
	OTHER EXPENDABLE OFF.S	5010						
	MINOR OFFICE EQUIP/FUR	5020						
	MICROFILM SUPPLIES	5030						
	SUBSCRIPTIONS,MAGS,MAP	5050						
	MAPS FOR RESALE	5060						
	BOOKS	5070						
	COMPUTER SUPPLIES	5080						
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OFFICE SUPPLIES								
OPERATING SUPPLIES								
	GAS AND OIL	5250						
	LUBRICANTS	5255						
	MINOR EQUIPMENT	5460						
	OTHER OPERATING MATL/S	5590						
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OPERATING SUPPLIES								
REPAIR & MAINTENANCE SP								
	MTR VEHICLE REP. PTS/S	5700						
	OTHER REPAIR/MAINT. SP	5990						
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REPAIR & MAINTENANCE								
-----			-----	-----	-----	-----	-----	-----
SUPPLIES AND EXPENSES								
PROFESSIONAL SERVICES								

CONSULTANT SERV/SURVEY 6020
ABSTRACTING & RECORDIN 6023
LEGAL 6025
DATA PROCESSING 6035
MICROFILM PROCESSING 6037
OTHER PROFESSIONAL SER 6049

PROFESSIONAL SERVICE
COMMUNICATIONS
TELEPHONE AND TELEGRAP 6060
POSTAGE 6070

COMMUNICATIONS
TRANSPORTATION
TRAVEL EXPENSE 6110
FREIGHT 6120
MESSENGER/EXPRESS SERV 6130

TRANSPORTATION
ADVERTISING
ADVERTISING 6150

ADVERTISING
PRINTING AND BINDING
PRINTING 6200
BINDING 6205
BLUELINES 6210

PRINTING AND BINDING
INSURANCE
AUTOMOBILE INSURANCE 6265
SURETY AND FORGERY BON 6270

INSURANCE
REPR/MAINT-OUTSIDE LABO
BUILDING R&M 6350
OFFICE EQUIPMENT R&M 6365
MOTOR VEHICLE EQ. R&M 6384
COMMUNICATION EQ. R&M 6390
OTHER REPAIRS AND MAIN 6399

REPR/MAINT-OUTSIDE L
RENTALS
OFFICE EQUIPMENT RENT 6410

RENTALS
OTHER SERVICES & CHARGE
REFUNDS 6835
PRIVILEGE LICENSE REF 6835 PL

REFUNDS
DUES AND MEMBERSHIPS 6840

REGISTRATION FEE/TUITI 6845
SERVICES NOT SPECIFIED 6999

OTHER SERVICES & CHA

OTHER SERVICES & CHAR

MACHINERY AND EQUIPMENT

HOUSEHOLD FURN/EQUIP. 7320
OFFICE FURN/EQUIP. 7325
DATA PROCESSING EQUIP. 7327
COMMUNICATION EQUIPMEN 7355
OTHER EQUIPMENT 7399

MACHINERY AND EQUIPM
VEHICLES

AUTOMOBILES 7400

VEHICLES

CAPITAL OUTLAY

EXPENDITURES

001042 - GENERAL FUND-ACCOUNTING DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
16074	REGULAR WAGES 4000	208959		150717	58242	83.3 72.1	28,098-	13.4-
	DISASTER RECOVERY WAGE 4010							
	OVERTIME 4300							
	DISASTER RECOVERY OVER 4310							
16074	SALARIES	208959		150717	58242	83.3 72.1	28,098-	13.4-
EMPLOYEE BENEFITS								
2532	STATE RETIREMENT 4600	32911		23738	9173	83.3 72.1	4,425-	13.4-
1194	F.I.C.A. TAXES 4700	15985		11332	4653	83.3 70.8	2,386-	14.9-
6777	HOSPITALIZATION INS. 4800	33000		33327	327-	83.3 100.9	6,992	21.1
	UNEMPLOYMENT BENEFITS 4900	500			500	83.3	500-	100.0-
1425	WORKMAN'S COMPENSATION 4910	745		1425	680-	83.3 191.2	965	129.5
11928	EMPLOYEE BENEFITS	83141		69822	13319	83.3 83.9	645	.7
28002	PERSONAL SERVICES	292100		220539	71561	83.3 75.5	27,453-	9.3-
OFFICE SUPPLIES								
	PAPER 5003	580		230	350	83.3 39.6	304-	52.4-
	PRINTED FORMS 5005	1650			1650	83.3	1,650-	100.0-
56	OTHER EXPENDABLE OFF.S 5010	980		258	722	83.3 26.3	670-	68.3-
	MINOR OFFICE EQUIP/FUR 5020	100		99	1	83.3 99.0	18	18.0
	MICROFILM SUPPLIES 5030							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080	675		635	40	83.3 94.0	87	12.8
56	OFFICE SUPPLIES	3985		1222	2763	83.3 30.6	2,518-	63.1-
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100	900	261	326	312	83.3 36.2	508-	56.4-
	MINOR EQUIPMENT 5460							
	OTHER OPERATING MATL/S 5590							
	OPERATING SUPPLIES	900	261	326	312	83.3 36.2	508-	56.4-
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	3307		7	3300	83.3 .2	3,298-	99.7-
	MINOR COMPUTER EQUIP. 5800	800		250	550	83.3 31.2	500-	62.5-
13	OTHER REPAIR/MAINT. SP 5990	13		13		83.3 100.0	2	15.3
13	REPAIR & MAINTENANCE	4120		270	3850	83.3 6.5	3,796-	92.1-
69	SUPPLIES AND EXPENSES	9005	261	1818	6926	83.3 20.1	6,823-	75.7-

	PROFESSIONAL SERVICES								
	CONSULTANT SERV/SURVEY 6020								
	DATA PROCESSING 6035								
	MICROFILM PROCESSING 6037								
	OTHER PROFESSIONAL SER 6049	1500		325	1175	83.3	21.6	1,110-	74.0-
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	PROFESSIONAL SERVICE	1500		325	1175	83.3	21.6	1,110-	74.0-
	COMMUNICATIONS								
14	TELEPHONE AND TELEGRAP 6060	200		112	88	83.3	56.0	65-	32.5-
	POSTAGE 6070								
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14	COMMUNICATIONS	200		112	88	83.3	56.0	65-	32.5-
	TRANSPORTATION								
	TRAVEL EXPENSE 6110								
	FREIGHT 6120	100			100	83.3		100-	100.0-
	MESSENGER/EXPRESS SERV 6130	60		55	5	83.3	91.6	6	10.0
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	TRANSPORTATION	160		55	105	83.3	34.3	94-	58.7-
	ADVERTISING								
	ADVERTISING 6150								
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	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING 6200	1370		813	557	83.3	59.3	394-	28.7-
	BINDING 6205								
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	PRINTING AND BINDING	1370		813	557	83.3	59.3	394-	28.7-
	INSURANCE								
	SURETY AND FORGERY BON 6270								
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	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350								
	OFFICE EQUIPMENT R&M 6365	200		75	125	83.3	37.5	110-	55.0-
	OTHER REPAIRS AND MAIN 6399	300			300	83.3		300-	100.0-
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	REPR/MAINT-OUTSIDE L	500		75	425	83.3	15.0	410-	82.0-
	RENTALS								
	OFFICE EQUIPMENT RENT 6410								
	OTHER RENT 6449								
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	RENTALS								
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS 6840								
	REGISTRATION FEE/TUITI 6845								
	SERVICES NOT SPECIFIED 6999								
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	OTHER SERVICES & CHA								
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14	OTHER SERVICES & CHAR	3730		1380	2350	83.3	36.9	2,074-	55.6-

MACHINERY AND EQUIPMENT

	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
	OTHER EQUIPMENT	7399							
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	MACHINERY AND EQUIPM								
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	CAPITAL OUTLAY								
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28086	EXPENDITURES		304835	261	223737	80837	83.3	73.3	36,350- 11.9-

001045 - GENERAL FUND-PURCHASING DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
3749	REGULAR WAGES 4000	102000		76833	25167	83.3 75.3	9,800-	9.6-
	DISASTER RECOVERY WAGE 4010							
	OVERTIME 4300	500			500	83.3	500-	100.0-
	DISASTER RECOVERY OVER 4310			90	90-		108	
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3749	SALARIES	102500		76924	25576	83.3 75.0	10,191-	9.9-
EMPLOYEE BENEFITS								
1185	STATE RETIREMENT 4600	16144		12710	3434	83.3 78.7	892-	5.5-
543	F.I.C.A. TAXES 4700	7841		5912	1929	83.3 75.3	746-	9.5-
1500	HOSPITALIZATION INS. 4800	19800		16200	3600	83.3 81.8	360-	1.8-
	UNEMPLOYMENT BENEFITS 4900	500			500	83.3	500-	100.0-
687	WORKMAN'S COMPENSATION 4910	359		687	328-	83.3 191.3	465	129.5
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3915	EMPLOYEE BENEFITS	44644		35510	9134	83.3 79.5	2,032-	4.5-
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7664	PERSONAL SERVICES	147144		112433	34711	83.3 76.4	12,224-	8.3-
OFFICE SUPPLIES								
	PAPER 5003	1000	19	408	573	83.3 40.8	510-	51.0-
	PRINTED FORMS 5005							
22-	OTHER EXPENDABLE OFF.S 5010	1604	358	766	480	83.3 47.7	684-	42.6-
	MINOR OFFICE EQUIP/FUR 5020	6600		4957	1643	83.3 75.1	651-	9.8-
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080							
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22-	OFFICE SUPPLIES	9204	377	6131	2696	83.3 66.6	1,846-	20.0-
OPERATING SUPPLIES								
	MINOR EQUIPMENT 5460							
30	OTHER OPERATING MATL/S 5590	600		479	121	83.3 79.8	25-	4.1-
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30	OPERATING SUPPLIES	600		479	121	83.3 79.8	25-	4.1-
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8	SUPPLIES AND EXPENSES	9804	377	6610	2817	83.3 67.4	1,872-	19.0-
PROFESSIONAL SERVICES								
	CONSULTANT SERV/SURVEY 6020							
	DATA PROCESSING 6035							
	OTHER PROFESSIONAL SER 6049							
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PROFESSIONAL SERVICE								
COMMUNICATIONS								
	TELEPHONE AND TELEGRAP 6060							

	POSTAGE	6070							
	COMMUNICATIONS								
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	1800	89	1711	83.3	4.9	1,693-	94.0-
	FREIGHT	6120							
	MESSENGER/EXPRESS SERV	6130							
	TRANSPORTATION		1800	89	1711	83.3	4.9	1,693-	94.0-
	ADVERTISING								
	ADVERTISING	6150							
	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING	6200							
	BINDING	6205							
	PRINTING AND BINDING								
	INSURANCE								
	SURETY AND FORGERY BON	6270							
	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
115	OFFICE EQUIPMENT R&M	6365	1990	1512	478	83.3	75.9	175-	8.7-
	OTHER REPAIRS AND MAIN	6399	856	856		83.3	100.0	171	19.9
115	REPR/MAINT-OUTSIDE L		2846	2367	479	83.3	83.1	5-	.1-
	RENTALS								
	OFFICE EQUIPMENT RENT	6410							
	RENTALS								
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS	6840	500	185	315	83.3	37.0	278-	55.6-
	REGISTRATION FEE/TUITI	6845	634		634	83.3		634-	100.0-
	SERVICES NOT SPECIFIED	6999							
	OTHER SERVICES & CHA		1134	185	949	83.3	16.3	912-	80.4-
115	OTHER SERVICES & CHAR		5780	2641	3139	83.3	45.6	2,610-	45.1-
	BUILDING/BLD IMPROVEMEN								
	BUILDING IMPROVEMENTS	7150							
	OFFICE IMPROVEMENTS	7150 23							
	BUILDING IMPROVEMEN								
	BUILDING/BLD IMPROVE								
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
	OTHER EQUIPMENT	7399							

-----	MACHINERY AND EQUIPM	-----	-----	-----	-----	-----	-----	-----	-----
-----	CAPITAL OUTLAY	-----	-----	-----	-----	-----	-----	-----	-----
7787	EXPENDITURES	162728	377	121684	40667	83.3	74.7	16,707-	10.2-

001060 - GENERAL FUND-CITY ATTORNEY

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
5923	REGULAR WAGES 4000	77000		62192	14808	83.3 80.7	2,369-	3.0-
	OVERTIME 4300							
5923	SALARIES	77000		62192	14808	83.3 80.7	2,369-	3.0-
EMPLOYEE BENEFITS								
933	STATE RETIREMENT 4600	12128		9795	2333	83.3 80.7	374-	3.0-
452	F.I.C.A. TAXES 4700	5891		4747	1144	83.3 80.5	194-	3.2-
500	HOSPITALIZATION INS. 4800	6600		5400	1200	83.3 81.8	120-	1.8-
	UNEMPLOYMENT BENEFITS 4900							
491	WORKMAN'S COMPENSATION 4910	257		491	234-	83.3 191.0	332	129.1
2376	EMPLOYEE BENEFITS	24876		20434	4442	83.3 82.1	355-	1.4-
8299	PERSONAL SERVICES	101876		82626	19250	83.3 81.1	2,724-	2.6-
OFFICE SUPPLIES								
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010							
	MINOR OFFICE EQUIP/FUR 5020							
	BOOKS 5070							
	OTHER OPERATING MATL/S 5590							
OFFICE SUPPLIES								
SUPPLIES AND EXPENSES								
PROFESSIONAL SERVICES								
	LEGAL 6025	7000			7000	83.3	7,000-	100.0-
	OTHER PROFESSIONAL SER 6049							
	PROFESSIONAL SERVICE	7000			7000	83.3	7,000-	100.0-
COMMUNICATIONS								
	TELEPHONE AND TELEGRAP 6060							
	POSTAGE 6070							
COMMUNICATIONS								
TRANSPORTATION								
	TRAVEL EXPENSE 6110	1000		419	581	83.3 41.9	497-	49.7-
	TRANSPORTATION	1000		419	581	83.3 41.9	497-	49.7-
PRINTING AND BINDING								
	PRINTING 6200							

-----	PRINTING AND BINDING	-----	-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHARGE								
	COURT COSTS 6710	100			100	83.3		100-	100.0-
	DUES AND MEMBERSHIPS 6840	325		310	15	83.3	95.3	47	14.4
	REGISTRATION FEE/TUITI 6845	675		305	370	83.3	45.1	309-	45.7-
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	OTHER SERVICES & CHA	1100		615	485	83.3	55.9	362-	32.9-
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	OTHER SERVICES & CHAR	9100		1034	8066	83.3	11.3	7,859-	86.3-
	MACHINERY AND EQUIPMENT								
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	CAPITAL OUTLAY								
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8299	EXPENDITURES	110976		83660	27316	83.3	75.3	10,584-	9.5-

001080 - GENERAL FUND-HUMAN RESOURCES

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
10756	REGULAR WAGES 4000	132264		107409	24855	83.3 81.2	3,373-	2.5-
	DISASTER RECOVERY WAGE 4010							
229	OVERTIME 4300			229	229-		274	
	DISASTER RECOVERY OVER 4310							
10984	SALARIES	132264		107638	24626	83.3 81.3	3,098-	2.3-
EMPLOYEE BENEFITS								
1730	STATE RETIREMENT 4600	20832		16953	3879	83.3 81.3	488-	2.3-
806	F.I.C.A. TAXES 4700	10118		7891	2227	83.3 77.9	648-	6.4-
1500	HOSPITALIZATION INS. 4800	19800		16500	3300	83.3 83.3		
	UNEMPLOYMENT BENEFITS 4900	500		500	500	83.3	500-	100.0-
1016	WORKMAN'S COMPENSATION 4910	531		1016	485-	83.3 191.3	688	129.5
5052	EMPLOYEE BENEFITS	51781		42360	9421	83.3 81.8	949-	1.8-
16036	PERSONAL SERVICES	184045		149998	34047	83.3 81.5	4,047-	2.1-
OFFICE SUPPLIES								
	PAPER 5003	3000		1502	1498	83.3 50.0	1,197-	39.9-
	PRINTED FORMS 5005	1200		552	648	83.3 46.0	537-	44.7-
	OTHER EXPENDABLE OFF.S 5010	1000		526	474	83.3 52.6	368-	36.8-
	MINOR OFFICE EQUIP/FUR 5020	300		300	300	83.3	300-	100.0-
	SUBSCRIPTIONS,MAGS,MAP 5050	300		299	1	83.3 99.6	58	19.3
	BOOKS 5070	100		100	100	83.3	100-	100.0-
	COMPUTER SUPPLIES 5080	3000		2195	805	83.3 73.1	366-	12.2-
	OFFICE SUPPLIES	8900		5074	3826	83.3 57.0	2,811-	31.5-
OPERATING SUPPLIES								
	MINOR EQUIPMENT 5460							
	OTHER OPERATING MATL/S 5590							
	OPERATING SUPPLIES							
	SUPPLIES AND EXPENSES	8900		5074	3826	83.3 57.0	2,811-	31.5-
PROFESSIONAL SERVICES								
2246	CONSULTANT SERV/SURVEY 6020							
	OTHER PROFESSIONAL SER 6049	14380		11150	3231	83.3 77.5	1,000-	6.9-
2246	PROFESSIONAL SERVICE	14380		11150	3231	83.3 77.5	1,000-	6.9-
COMMUNICATIONS								
	TELEPHONE AND TELEGRAP 6060	160		127	33	83.3 79.3	7-	4.3-
	POSTAGE 6070	20			20	83.3	20-	100.0-

-----	COMMUNICATIONS	-----	-----	-----	-----	-----	-----	-----
		180		127	53	83.3	70.5	27- 15.0-
	TRANSPORTATION							
1043	TRAVEL EXPENSE 6110							
	FREIGHT 6120							
	MESSENGER/EXPRESS SERV 6130	100			100	83.3		100- 100.0-
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1043	TRANSPORTATION	100			100	83.3		100- 100.0-
	ADVERTISING							
	ADVERTISING 6150							
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	ADVERTISING							
	PRINTING AND BINDING							
	PRINTING 6200	200			200	83.3		200- 100.0-
	BINDING 6205							
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	PRINTING AND BINDING	200			200	83.3		200- 100.0-
	INSURANCE							
	SURETY AND FORGERY BON 6270							
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	INSURANCE							
	REPR/MAINT-OUTSIDE LABO							
	BUILDING R&M 6350	40			40-	83.3		40- 100.0-
303	OFFICE EQUIPMENT R&M 6365	5500		3992	1508	83.3	72.5	709- 12.8-
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303	REPR/MAINT-OUTSIDE L	5460		3992	1468	83.3	73.1	669- 12.2-
	OTHER SERVICES & CHARGE							
	DUES AND MEMBERSHIPS 6840	200			200	83.3		200- 100.0-
	REGISTRATION FEE/TUITI 6845							
	SERVICES NOT SPECIFIED 6999							
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	OTHER SERVICES & CHA	200			200	83.3		200- 100.0-
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3591	OTHER SERVICES & CHAR	20520		15269	5251	83.3	74.4	2,197- 10.7-
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	MACHINERY AND EQUIPMENT							
	OFFICE FURN/EQUIP. 7325							
	DATA PROCESSING EQUIP. 7327							
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	MACHINERY AND EQUIPM							
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	CAPITAL OUTLAY							
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19628	EXPENDITURES	213465		170341	43124	83.3	79.7	9,055- 4.2-

001081 - GENERAL FUND-LOSS CONTROL

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
6045	REGULAR WAGES 4000	78587		60647	17940	83.3 77.1	5,810-	7.3-
	DISASTER RECOVERY WAGE 4010			2827	2827-		3,392	
	OVERTIME 4300			439	439-		526	
	DISASTER RECOVERY OVER 4310			878	878-		1,053	
6045	SALARIES	78587		64791	13796	83.3 82.4	837-	1.0-
EMPLOYEE BENEFITS								
952	STATE RETIREMENT 4600	12377		10205	2172	83.3 82.4	131-	1.0-
431	F.I.C.A. TAXES 4700	6012		4682	1330	83.3 77.8	393-	6.5-
1000	HOSPITALIZATION INS. 4800	13200		11000	2200	83.3 83.3		
	UNEMPLOYMENT BENEFITS 4900	500		500	500	83.3	500-	100.0-
1803	WORKMAN'S COMPENSATION 4910	943		1803	860-	83.3 191.1	1,220	129.3
4186	EMPLOYEE BENEFITS	33032		27689	5343	83.3 83.8	194	.5
10231	PERSONAL SERVICES	111619		92480	19139	83.3 82.8	643-	.5-
OFFICE SUPPLIES								
	PAPER 5003							
	PRINTED FORMS 5005	383	58	26	299	83.3 6.7	351-	91.6-
	OTHER EXPENDABLE OFF.S 5010	1248	247	520	480	83.3 41.6	624-	50.0-
	MINOR OFFICE EQUIP/FUR 5020	300			300	83.3	300-	100.0-
	PHOTO SUPPLIES 5040	100		24	76	83.3 24.0	71-	71.0-
	SUBSCRIPTIONS,MAGS,MAP 5050	350		115	235	83.3 32.8	212-	60.5-
	BOOKS 5070							
	COMPUTER SUPPLIES 5080							
	OFFICE SUPPLIES	2381	305	686	1390	83.3 28.8	1,557-	65.3-
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100							
	HOUSEHOLD SUPPLIES 5110							
	MEDICAL SUPPLIES 5120	150			150	83.3	150-	100.0-
55	GAS AND OIL 5250	2000		1267	733	83.3 63.3	479-	23.9-
	LUBRICANTS 5255							
	WEARING APPAREL 5355	300			300	83.3	300-	100.0-
	MINOR EQUIPMENT 5460	1000			1000	83.3	1,000-	100.0-
	OTHER OPERATING MATL/S 5590							
55	OPERATING SUPPLIES	3450		1267	2183	83.3 36.7	1,929-	55.9-
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600							
	MTR VEHICLE REP. PTS/S 5700	1107		7	1100	83.3 .6	1,098-	99.1-
	COMMUNICATION REPAIR P 5750							

OTHER REPAIR/MAINT. SP 5990									
-----	REPAIR & MAINTENANCE	1107	-----	-----	-----	-----	-----	-----	-----
-----		-----	-----	7	1100	83.3	.6	1,098-	99.1-
55	SUPPLIES AND EXPENSES	6938	305	1960	4672	83.3	28.2	4,586-	66.0-
COMMUNICATIONS									
82	TELEPHONE AND TELEGRAP 6060	760		547	213	83.3	71.9	103-	13.5-
	POSTAGE 6070								
82	COMMUNICATIONS	760		547	213	83.3	71.9	103-	13.5-
TRANSPORTATION									
	TRAVEL EXPENSE 6110								
	FREIGHT 6120								
	MESSENGER/EXPRESS SERV 6130								
TRANSPORTATION									
	ADVERTISING								
	ADVERTISING 6150								
ADVERTISING									
	PRINTING AND BINDING								
	PRINTING 6200								
	FILM PROCESSING 6240								
PRINTING AND BINDING									
	INSURANCE								
	AUTOMOBILE INSURANCE 6265								
	SURETY AND FORGERY BON 6270								
INSURANCE									
	REPR/MAINT-OUTSIDE LABO								
	OFFICE EQUIPMENT R&M 6365								
	HOUSEHOLD EQUIPMENT R& 6370								
	MOTOR VEHICLE EQ. R&M 6384	300			300	83.3		300-	100.0-
	COMMUNICATION EQ. R&M 6390								
	CLEANING AND PAINTING 6392								
	OTHER REPAIRS AND MAIN 6399	1800		1289	511	83.3	71.6	253-	14.0-
REPR/MAINT-OUTSIDE L									
	RENTALS	2100		1289	811	83.3	61.3	553-	26.3-
	OTHER RENT 6449								
RENTALS									
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS 6840								
	REGISTRATION FEE/TUITI 6845								
	SERVICES NOT SPECIFIED 6999								
OTHER SERVICES & CHA									
82	OTHER SERVICES & CHAR	2860		1835	1025	83.3	64.1	658-	23.0-

	MACHINERY AND EQUIPMENT							
	OFFICE FURN/EQUIP.	7325						
	DATA PROCESSING EQUIP.	7327						
	COMMUNICATION EQUIPMEN	7355						
	OTHER EQUIPMENT	7399						
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	MACHINERY AND EQUIPM							
	VEHICLES							
	AUTOMOBILES	7400						
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	VEHICLES							
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	CAPITAL OUTLAY							
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10368	EXPENDITURES		121417	305	96276	24836	83.3 79.2	5,885- 4.8-

001090 - GENERAL FUND-URBAN DEVELOPMT

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
26820	REGULAR WAGES 4000	416446		284814	131632	83.3 68.3	74,669-	17.9-
	DISASTER RECOVERY WAGE 4010			1458	1458-		1,749	
	OVERTIME 4300	300		377	77-	83.3 125.6	152	50.6
	DISASTER RECOVERY OVER 4310			352	352-		422	
26820	SALARIES	416746		287001	129745	83.3 68.8	72,344-	17.3-
EMPLOYEE BENEFITS								
4224	STATE RETIREMENT 4600	65637		45203	20434	83.3 68.8	11,393-	17.3-
1957	F.I.C.A. TAXES 4700	31882		21006	10876	83.3 65.8	6,674-	20.9-
5000	HOSPITALIZATION INS. 4800	79200		62300	16900	83.3 78.6	4,440-	5.6-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	83.3	500-	100.0-
7332	WORKMAN'S COMPENSATION 4910	3835		7332	3497-	83.3 191.1	4,963	129.4
18513	EMPLOYEE BENEFITS	181054		135841	45213	83.3 75.0	18,044-	9.9-
45333	PERSONAL SERVICES	597800		422842	174958	83.3 70.7	90,389-	15.1-
OFFICE SUPPLIES								
150	PAPER 5003	1560	60	994	506	83.3 63.7	367-	23.5-
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	3332	131	1485	1715	83.3 44.5	1,550-	46.5-
2308	N.I.P. SUPPLIES 5011	12495	1,028	7715	3752	83.3 61.7	3,237-	25.9-
	CITIZENS CORPS GRANT S 5012							
	MIDTOWN STUDY GRANT SU 5013							
	NLC HEALTH OUTREACH SU 5014	2000			2000	83.3	2,000-	100.0-
	DOLLARWISE GRANT/CONF 5015							
	MAYORAL HEALTH COUNCIL 5016							
199	MINOR OFFICE EQUIP/FUR 5020	1455		135	1320	83.3 9.2	1,293-	88.8-
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070	360	60	300	300	83.3	360-	100.0-
	COMPUTER SUPPLIES 5080	3000		311	2689	83.3 10.3	2,626-	87.5-
2657	OFFICE SUPPLIES	24202	1,279	10640	12282	83.3 43.9	11,434-	47.2-
OPERATING SUPPLIES								
	FOOD 5115	250		79	171	83.3 31.6	155-	62.0-
92	GAS AND OIL 5250	2000		890	1110	83.3 44.5	932-	46.6-
	LUBRICANTS 5255							
	MINOR EQUIPMENT 5460	200			200	83.3	200-	100.0-
	OTHER OPERATING MATL/S 5590	400			400	83.3	400-	100.0-
92	OPERATING SUPPLIES	2850		969	1881	83.3 34.0	1,687-	59.1-
REPAIR & MAINTENANCE SP								

	BUILDING MATERIALS & S	5600	300		300	83.3		300-	100.0-
	PAINT AND PAINTING SPL	5650	150		150	83.3		150-	100.0-
41	MTR VEHICLE REP. PTS/S	5700	900	665	235	83.3	73.8	102-	11.3-
	OTHER REPAIR/MAINT. SP	5990							
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41	REPAIR & MAINTENANCE		1350	665	685	83.3	49.2	552-	40.8-
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2790	SUPPLIES AND EXPENSES		28402	1,279	12275	83.3	43.2	13,672-	48.1-
	PROFESSIONAL SERVICES								
	ENGINEERING	6015							
	CONSULTANT SERV/SURVEY	6020	10000	6063	3937	83.3	60.6	2,724-	27.2-
	CONSULTANT SERV-TWIN F	6020 01							
	CONSULTANT SERV-MIDTOW	6020 02	15000	489	14511	83.3	3.2	14,413-	96.0-
	ABSTRACTING & RECORDIN	6023							
	LEGAL	6025							
	OTHER PROFESSIONAL SER	6049	11500		11500	83.3		11,500-	100.0-
	OTHER PROF SERV-NLC OU	6049 98							
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	PROFESSIONAL SERVICE		36500	6552	29948	83.3	17.9	28,637-	78.4-
	COMMUNICATIONS								
365	TELEPHONE AND TELEGRAP	6060	3800	3116	684	83.3	82.0	60-	1.5-
	POSTAGE	6070	100		100	83.3		100-	100.0-
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365	COMMUNICATIONS		3900	3116	784	83.3	79.8	160-	4.1-
	TRANSPORTATION								
1692	TRAVEL EXPENSE	6110	10400	792	6003	83.3	57.7	3,196-	30.7-
	TRVL EXP-MIDTOWN STDY	6111							
	TRVL EXP-NLC HEALTH OU	6112							
	FREIGHT	6120							
	MESSENGER/EXPRESS SERV	6130	100		100	83.3		100-	100.0-
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1692	TRANSPORTATION		10500	792	6003	83.3	57.1	3,296-	31.3-
	ADVERTISING								
	ADVERTISING	6150							
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	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING	6200	3700	45	967	83.3	26.1	2,539-	68.6-
	PRINTING-GRANT RELATED	6202							
	BLUELINES	6210							
	FILM PROCESSING	6240							
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	PRINTING AND BINDING		3700	45	967	83.3	26.1	2,539-	68.6-
	INSURANCE								
	AUTOMOBILE INSURANCE	6265							
	SURETY AND FORGERY BON	6270							
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	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M	6350							
	OFFICE EQUIPMENT R&M	6365							

	MOTOR VEHICLE EQ. R&M	6384							
	SIGN PAINTING	6396							
8	OTHER REPAIRS AND MAIN	6399	300		98	202	83.3	32.6	182- 60.6-
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8	REPR/MAINT-OUTSIDE L		300		98	202	83.3	32.6	182- 60.6-
	RENTALS								
738	OFFICE EQUIPMENT RENT	6410	8000		3982	4018	83.3	49.7	3,221- 40.2-
	OTHER RENT	6449							
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738	RENTALS		8000		3982	4018	83.3	49.7	3,221- 40.2-
	OTHER SERVICES & CHARGE								
	EXHIBITIONS & PROMOTIO	6500							
	DUES AND MEMBERSHIPS	6840	2150	95	1195	860	83.3	55.5	716- 33.3-
256	REGISTRATION FEE/TUITI	6845	4000	535	2906	559	83.3	72.6	512- 12.8-
	SERVICES NOT SPECIFIED	6999							
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256	OTHER SERVICES & CHA		6150	630	4101	1419	83.3	66.6	1,228- 19.9-
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3059	OTHER SERVICES & CHAR		69050	1,467	24819	42764	83.3	35.9	39,267- 56.8-
	MACHINERY AND EQUIPMENT								
	PHOTOGRAPHIC EQUIP.	7308							
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
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	MACHINERY AND EQUIPM								
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
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	VEHICLES								
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	CAPITAL OUTLAY								
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51182	EXPENDITURES		695252	2,746	459936	232570	83.3	66.1	143,328- 20.6-

001091 - GENERAL FUND-INFO TECHNOLOGY

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
21030	REGULAR WAGES 4000	273393		220483	52910	83.3 80.6	8,813-	3.2-
	DISASTER RECOVERY WAGE 4010			335	335-		402	
	OVERTIME 4300			422	422-		506	
	DISASTER RECOVERY OVER 4310			58	58-		69	
21030	SALARIES	273393		221298	52095	83.3 80.9	7,835-	2.8-
EMPLOYEE BENEFITS								
3312	STATE RETIREMENT 4600	43059		34855	8204	83.3 80.9	1,233-	2.8-
1499	F.I.C.A. TAXES 4700	20915		15830	5085	83.3 75.6	1,919-	9.1-
3500	HOSPITALIZATION INS. 4800	46200		38500	7700	83.3 83.3		
	UNEMPLOYMENT BENEFITS 4900	500		500	500	83.3	500-	100.0-
2016	WORKMAN'S COMPENSATION 4910	1055		2016	961-	83.3 191.0	1,364	129.2
10327	EMPLOYEE BENEFITS	111729		91200	20529	83.3 81.6	2,289-	2.0-
31358	PERSONAL SERVICES	385122		312498	72624	83.3 81.1	10,124-	2.6-
OFFICE SUPPLIES								
101	PAPER 5003	2500		438	2062	83.3 17.5	1,974-	78.9-
	PRINTED FORMS 5005							
3	OTHER EXPENDABLE OFF.S 5010	1500		379	1121	83.3 25.2	1,045-	69.6-
	MINOR OFFICE EQUIP/FUR 5020							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
230	COMPUTER SUPPLIES 5080	49300	3,083	29991	16226	83.3 60.8	13,310-	26.9-
	COMPUTR SUP-PURCHASE C 5081							
333	OFFICE SUPPLIES	53300	3,083	30808	19410	83.3 57.8	16,330-	30.6-
OPERATING SUPPLIES								
62	GAS AND OIL 5250	800		552	248	83.3 69.0	137-	17.1-
	UNIFORMS, BADGES, ETC. 5350							
	MINOR EQUIPMENT 5460	1000		759	241	83.3 75.9	89-	8.9-
	OTHER OPERATING MATL/S 5590							
62	OPERATING SUPPLIES	1800		1312	488	83.3 72.8	225-	12.5-
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600							
485	MTR VEHICLE REP. PTS/S 5700	1075		850	225	83.3 79.0	55-	5.1-
	MINOR COMPUTER EQUIP. 5800	1425		1224	201	83.3 85.8	43	3.0
485	REPAIR & MAINTENANCE	2500		2074	426	83.3 82.9	11-	.4-
880	SUPPLIES AND EXPENSES	57600	3,083	34194	20324	83.3 59.3	16,567-	28.7-

	PROFESSIONAL SERVICES								
	DATA PROCESSING 6035	35000	1,250	17350	16400	83.3	49.5	14,180-	40.5-
	OTHER PROFESSIONAL SER 6049	3000		2978	22	83.3	99.2	573	19.1
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	PROFESSIONAL SERVICE	38000	1,250	20328	16422	83.3	53.4	13,606-	35.8-
	COMMUNICATIONS								
383	TELEPHONE AND TELEGRAP 6060	3370		3302	68	83.3	97.9	592	17.5
17840	NETWORK 6068	175000		171951	3049	83.3	98.2	31,341	17.9
2401	NETWORK WIRELESS 6069	26000		24620	1380	83.3	94.6	3,544	13.6
	POSTAGE 6070								
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20624	COMMUNICATIONS	204370		199873	4497	83.3	97.7	35,477	17.3
	TRANSPORTATION								
	TRAVEL EXPENSE 6110								
	FREIGHT 6120	130		46	84	83.3	35.3	74-	56.9-
	MESSENGER/EXPRESS SERV 6130								
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	TRANSPORTATION	130		46	84	83.3	35.3	74-	56.9-
	ADVERTISING								
	ADVERTISING 6150								
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	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING 6200								
	BINDING 6205								
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	PRINTING AND BINDING								
	INSURANCE								
	PUBLIC LIAB/PROPERTY D 6255								
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	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
	ELECTRICAL R&M 6355								
20041	OFFICE EQUIPMENT R&M 6365	284600		214821	69779	83.3	75.4	26,814-	9.4-
	MOTOR VEHICLE EQ. R&M 6384	100			100	83.3		100-	100.0-
	TOW IN CHARGES 6398								
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20041	REPR/MAINT-OUTSIDE L	284700		214821	69879	83.3	75.4	26,914-	9.4-
	RENTALS								
	OFFICE EQUIPMENT RENT 6410								
	OTHER RENT 6449								
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	RENTALS								
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS 6840								
	REGISTRATION FEE/TUITI 6845								
	SERVICES NOT SPECIFIED 6999								
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	OTHER SERVICES & CHA								
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40665	OTHER SERVICES & CHAR	527200	1,250	435069	90881	83.3	82.5	5,117-	.9-

	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP. 7325								
3695	DATA PROCESSING EQUIP. 7327	100000	6,570	84933	8497	83.3	84.9	1,919	1.9
	FINANCIAL SOFTWARE 7328	75000		70837	4163	83.3	94.4	10,004	13.3
	DOM PREP GRANT 06HS205 7332								
12604	PUBLIC SAFETY SOFTWARE 7333	150000		125989	24011	83.3	83.9	1,186	.7
	COMMUNICATION EQUIPMEN 7355								
	OTHER EQUIPMENT 7399								
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16299	MACHINERY AND EQUIPM	325000	6,570	281759	36671	83.3	86.6	13,110	4.0
	VEHICLES								
	AUTOMOBILES 7400								
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	VEHICLES								
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16299	CAPITAL OUTLAY	325000	6,570	281759	36671	83.3	86.6	13,110	4.0
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89201	EXPENDITURES	1294922	10,903	1063520	220500	83.3	82.1	18,698-	1.4-

001092 - GENERAL FUND-GEN.GOV.T.BLDG

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
	REGULAR WAGES 4000							
	OVERTIME 4300							
SALARIES								
EMPLOYEE BENEFITS								
	STATE RETIREMENT 4600							
	F.I.C.A. TAXES 4700							
	HOSPITALIZATION INS. 4800							
	UNEMPLOYMENT BENEFITS 4900							
	WORKMAN'S COMPENSATION 4910							
EMPLOYEE BENEFITS								
PERSONAL SERVICES								
OFFICE SUPPLIES								
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	250			250	83.3	250-	100.0-
	OFFICE SUPPLIES	250			250	83.3	250-	100.0-
150	OPERATING SUPPLIES	3475	532	2552	391	83.3 73.4	412-	11.8-
	CLEANING/JANITORIAL SP 5100							
	HOUSEHOLD SUPPLIES 5110							
	FOOD 5115							
	MEDICAL SUPPLIES 5120							
1485	CHEMICALS 5130	3810		3804	6	83.3 99.8	754	19.7
	DIESEL FUEL 5257							
	HORT./LANDSCAPING SPLY 5440	2250		1169	1082	83.3 51.9	847-	37.6-
	HAND TOOLS 5450	25			25	83.3	25-	100.0-
4	MINOR EQUIPMENT 5460	3750		1482	2268	83.3 39.5	1,971-	52.5-
	OTHER OPERATING MATL/S 5590	200		40	160	83.3 20.0	152-	76.0-
1639	OPERATING SUPPLIES	13510	532	9048	3930	83.3 66.9	2,652-	19.6-
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	2725		167	2558	83.3 6.1	2,524-	92.6-
511	ELECTRICAL SUPPLIES 5605	2800	335	1961	504	83.3 70.0	446-	15.9-
100	PLUMBING SUPPLIES 5610	3000		100	2900	83.3 3.3	2,880-	96.0-
121	PAINT AND PAINTING SPL 5650	2000		138	1862	83.3 6.9	1,834-	91.7-
	OTHER REPAIR/MAINT. SP 5990	100			100	83.3	100-	100.0-
731	REPAIR & MAINTENANCE	10625	335	2366	7924	83.3 22.2	7,785-	73.2-

2370	SUPPLIES AND EXPENSES	24385	867	11414	12104	83.3	46.8	10,688-	43.8-
	PROFESSIONAL SERVICES								
	BUILDING SECURITY 6021	2000		1440	560	83.3	72.0	272-	13.6-
39	OTHER PROFESSIONAL SER 6049	30039	39	20095	9905	83.3	66.8	5,925-	19.7-
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39	PROFESSIONAL SERVICE	32039	39	21535	10465	83.3	67.2	6,197-	19.3-
	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP 6060								
	TELEPHONE-EATON SCHOOL 6060 GRANT								
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	COMMUNICATIONS								
	TRANSPORTATION								
	FREIGHT 6120								
	MESSENGER/EXPRESS SERV 6130								
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	TRANSPORTATION								
	INSURANCE								
	PUBLIC LIAB/PROPERTY D 6255								
	BOILER MACHINERY 6260								
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	INSURANCE								
	UTILITIES								
26	GAS 6300	3500		281	3219	83.3	8.0	3,162-	90.3-
	GAS-TRAIN DEPOT 6300 DEPOT								
	GAS-EATON SCHOOL 6300 GRANT								
4473	ELECTRICITY 6305	50000		33445	16555	83.3	66.8	9,866-	19.7-
	ELECTRICITY-EMP MED CL 6305 CLINIC								
	ELECTRICITY-TRAIN DEPO 6305 DEPOT								
	ELECTRICITY-EATON SCHO 6305 GRANT								
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4499	UTILITIES	53500		33727	19773	83.3	63.0	13,027-	24.3-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350	145085	42,280	48601	54204	83.3	33.4	86,763-	59.8-
	ELECTRICAL R&M 6355	1000		160	840	83.3	16.0	808-	80.8-
	PLUMBING EQUIPMENT R&M 6357	1000			1000	83.3		1,000-	100.0-
	HOUSEHOLD EQUIPMENT R& 6370	7030	1,230	115	5685	83.3	1.6	6,892-	98.0-
1176	FIXED EQUIPMENT R&M 6380	10030	30	4704	5296	83.3	46.8	4,385-	43.7-
	MINOR EQUIPMENT R&M 6382								
75	CLEANING AND PAINTING 6392	3900		75	3825	83.3	1.9	3,810-	97.6-
	EXTERMINATION-DEPOT 6393								
65	DISINFECT./EXTERMINATI 6394	1250		729	521	83.3	58.3	375-	30.0-
	OTHER REPAIRS AND MAIN 6399	500			500	83.3		500-	100.0-
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1316	REPR/MAINT-OUTSIDE L	169795	43,540	54384	71871	83.3	32.0	104,534-	61.5-
	RENTALS								
	MOP-MAT-RAG RENT 6435								
	OTHER RENT 6449	14000		8800	5200	83.3	62.8	3,440-	24.5-
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	RENTALS	14000		8800	5200	83.3	62.8	3,440-	24.5-
	OTHER SERVICES & CHARGE								
	CUSTODIAL SERVICE 6870								

-----	OTHER SERVICES & CHA	-----	-----	-----	-----	-----	-----	-----	-----
-----	5854 OTHER SERVICES & CHAR	-----	-----	-----	-----	-----	-----	-----	-----
		269334	43,579	118446	107309	83.3	43.9	127,198-	47.2-
-----	LAND	-----	-----	-----	-----	-----	-----	-----	-----
	LAND 7000								
-----	LAND	-----	-----	-----	-----	-----	-----	-----	-----
	BUILDING/BLD IMPROVEMEN								
	BUILDINGS 7100								
	FIRST BAPTIST CHURCH 7100 13								
	PINE ST CHURCH BUILDI 7100 26	70000		70000		83.3	100.0	14,000	20.0
	RENOV OLD FED BLD-MUN 7150 42	44889		44858	31	83.3	99.9	8,940	19.9
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	BUILDINGS	114889		114858	31	83.3	99.9	22,940	19.9
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	BUILDING/BLD IMPROVE	114889		114858	31	83.3	99.9	22,940	19.9
	IMPROVEMENT OTHER THAN								
	LANDSCAPING 7250								
	OTHER IMPROVEMENTS 7295								
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	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	HOUSEHOLD FURN/EQUIP. 7320								
	OTHER EQUIPMENT 7399								
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	MACHINERY AND EQUIPM								
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	CAPITAL OUTLAY	114889		114858	31	83.3	99.9	22,940	19.9
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8224	EXPENDITURES	408608	44,446	244718	119444	83.3	59.8	114,946-	28.1-

001093 - GENERAL FD-INTERMODAL FAC O&M

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
	REGULAR WAGES	4000						
	OVERTIME	4300						
SALARIES								
EMPLOYEE BENEFITS								
	STATE RETIREMENT	4600						
	F.I.C.A. TAXES	4700						
	HOSPITALIZATION INS.	4800						
	UNEMPLOYMENT BENEFITS	4900						
	WORKMAN'S COMPENSATION	4910						
EMPLOYEE BENEFITS								
PERSONAL SERVICES								
OFFICE SUPPLIES								
	PAPER	5003						
	PRINTED FORMS	5005						
	OTHER EXPENDABLE OFF.S	5010						
	MINOR OFFICE EQUIP/FUR	5020						
	SUBSCRIPTIONS,MAGS,MAP	5050						
	BOOKS	5070						
	COMPUTER SUPPLIES	5080						
OFFICE SUPPLIES								
OPERATING SUPPLIES								
709	CLEANING/JANITORIAL SP	5100	2364	2199	165	83.3	93.0	274 11.5
	GAS AND OIL	5250						
	LUBRICANTS	5255						
	HORT./LANDSCAPING SPLY	5440	950	550	400	83.3	57.8	290- 30.5-
	MINOR EQUIPMENT	5460	650	523	128	83.3	80.4	22- 3.3-
	OTHER OPERATING MATL/S	5590	151		151	83.3		151- 100.0-
709	OPERATING SUPPLIES		4115	3272	843	83.3	79.5	188- 4.5-
REPAIR & MAINTENANCE SP								
599	BUILDING MATERIALS & S	5600	600	599	1	83.3	99.8	118 19.6
56	ELECTRICAL SUPPLIES	5605	2635	1798	837	83.3	68.2	477- 18.1-
28	PLUMBING SUPPLIES	5610	600	357	243	83.3	59.5	171- 28.5-
	PAINT AND PAINTING SPL	5650						
	MTR VEHICLE REP. PTS/S	5700						
	AGRICLTR REPAIR PTS/S	5755						
	OTHER REPAIR/MAINT. SP	5990	800		800	83.3		800- 100.0-

683	REPAIR & MAINTENANCE	4635	2754	1881	83.3	59.4	1,330-	28.6-
1392	SUPPLIES AND EXPENSES	8750	6026	2725	83.3	68.8	1,518-	17.3-
	PROFESSIONAL SERVICES							
	BUILDING SECURITY 6021							
	OTHER PROFESSIONAL SER 6049							
	PROFESSIONAL SERVICE							
	COMMUNICATIONS							
	TELEPHONE AND TELEGRAP 6060							
	POSTAGE 6070							
	COMMUNICATIONS							
	TRANSPORTATION							
	TRAVEL EXPENSE 6110							
	FREIGHT 6120	20	20		83.3	100.0	4	20.0
	MESSENGER/EXPRESS SERV 6130	20		20-	83.3		20-	100.0-
	TRANSPORTATION		20	20-	83.3		24	100.0-
	ADVERTISING							
	ADVERTISING 6150	2600		2600	83.3		2,600-	100.0-
	ADVERTISING	2600		2600	83.3		2,600-	100.0-
	PRINTING AND BINDING							
	PRINTING 6200							
	PRINTING AND BINDING							
	INSURANCE							
	AUTOMOBILE INSURANCE 6265							
	SURETY AND FORGERY BON 6270							
	INSURANCE							
	UTILITIES							
	GAS 6300							
2872	ELECTRICITY 6305	50000	28447	21553	83.3	56.8	15,863-	31.7-
2872	UTILITIES	50000	28447	21553	83.3	56.8	15,863-	31.7-
	REPR/MAINT-OUTSIDE LABO							
	BUILDING R&M 6350	28286	26323	1963	83.3	93.0	3,301	11.6
	ELECTRICAL R&M 6355	3000	2800	200	83.3	93.3	360	12.0
	PLUMBING EQUIPMENT R&M 6357							
	OFFICE EQUIPMENT R&M 6365							
	MOTOR VEHICLE EQ. R&M 6384							
85	DISINFECT./EXTERMINATI 6394		1205	1205-			1,446	
	SIGN PAINTING 6396							
	OTHER REPAIRS AND MAIN 6399	9891	1786	8105	83.3	18.0	7,747-	78.3-
85	REPR/MAINT-OUTSIDE L	41177	32113	9064	83.3	77.9	2,641-	6.4-
	RENTALS							
	UNIFORM RENT 6430	400	159	241	83.3	39.7	209-	52.2-
	OTHER RENT 6449							

-----	RENTALS	-----	-----	-----	-----	-----	-----	-----
	400		159	241	83.3	39.7	209-	52.2-
OTHER SERVICES & CHARGE								
EXHIBITIONS & PROMOTIO 6500								
DUES AND MEMBERSHIPS 6840								
REGISTRATION FEE/TUITI 6845								
CUSTODIAL SERVICE 6870								
SERVICES NOT SPECIFIED 6999								
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OTHER SERVICES & CHA								
-----	-----	-----	-----	-----	-----	-----	-----	-----
2957 OTHER SERVICES & CHAR	94177		60739	33438	83.3	64.4	21,290-	22.6-
MACHINERY AND EQUIPMENT								
OFFICE FURN/EQUIP. 7325								
DATA PROCESSING EQUIP. 7327								
OTHER EQUIPMENT 7399	100000		139767	39767-	83.3	139.7	67,720	67.7
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MACHINERY AND EQUIPM	100000		139767	39767-	83.3	139.7	67,720	67.7
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CAPITAL OUTLAY	100000		139767	39767-	83.3	139.7	67,720	67.7
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4349 EXPENDITURES	202927		206531	3604-	83.3	101.7	44,910	22.1

001094 - GENERAL FUND-METRPLTN PLANG.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
12850	REGULAR WAGES 4000	178915		137364	41551	83.3 76.7	14,078-	7.8-
	DISASTER RECOVERY WAGE 4010			1167	1167-		1,400	
	OVERTIME 4300	500			500	83.3	500-	100.0-
	DISASTER RECOVERY OVER 4310			128	128-		153	
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12850	SALARIES	179415		138659	40756	83.3 77.2	13,024-	7.2-
EMPLOYEE BENEFITS								
2024	STATE RETIREMENT 4600	28258		21839	6419	83.3 77.2	2,051-	7.2-
915	F.I.C.A. TAXES 4700	13725		9930	3795	83.3 72.3	1,809-	13.1-
2500	HOSPITALIZATION INS. 4800	33000		26500	6500	83.3 80.3	1,200-	3.6-
	UNEMPLOYMENT BENEFITS 4900	500			500	83.3	500-	100.0-
1093	WORKMAN'S COMPENSATION 4910	572		1093	521-	83.3 191.0	739	129.1
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6532	EMPLOYEE BENEFITS	76055		59361	16694	83.3 78.0	4,821-	6.3-
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19381	PERSONAL SERVICES	255470		198020	57450	83.3 77.5	17,846-	6.9-
OFFICE SUPPLIES								
	PAPER 5003	1000	48		952	83.3	1,000-	100.0-
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	5000	417	1276	3307	83.3 25.5	3,468-	69.3-
	MINOR OFFICE EQUIP/FUR 5020	1525		2144	619-	83.3 140.5	1,047	68.6
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080	3000		758	2242	83.3 25.2	2,090-	69.6-
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	OFFICE SUPPLIES	10525	465	4178	5882	83.3 39.6	5,511-	52.3-
OPERATING SUPPLIES								
	FOOD 5115	1600		101	1499	83.3 6.3	1,478-	92.3-
32	GAS AND OIL 5250	2000		307	1693	83.3 15.3	1,631-	81.5-
	MINOR EQUIPMENT 5460	1000			1000	83.3	1,000-	100.0-
	MTR VEHICLE REP. PTS/S 5700	700		418	282	83.3 59.7	198-	28.2-
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32	OPERATING SUPPLIES	5300		826	4474	83.3 15.5	4,308-	81.2-
-----		-----	-----	-----	-----	-----	-----	-----
32	SUPPLIES AND EXPENSES	15825	465	5004	10356	83.3 31.6	9,820-	62.0-
PROFESSIONAL SERVICES								
	ENGINEERING 6015							
	CONSULTANT SERV/SURVEY 6020	70000		22840	47160	83.3 32.6	42,592-	60.8-
	ABSTRACTING & RECORDIN 6023							
	LEGAL 6025							

	OTHER PROFESSIONAL SER 6049	5100			5100	83.3		5,100-	100.0-
	PROFESSIONAL SERVICE	75100		22840	52260	83.3	30.4	47,692-	63.5-
	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP 6060								
	POSTAGE 6070								
	COMMUNICATIONS								
	TRANSPORTATION								
191-	TRAVEL EXPENSE 6110	12000		8746	3254	83.3	72.8	1,504-	12.5-
	FREIGHT 6120								
	MESSENGER/EXPRESS SERV 6130	1000		188	812	83.3	18.8	774-	77.4-
	TRANSPORTATION	13000		8934	4066	83.3	68.7	2,279-	17.5-
	ADVERTISING								
	ADVERTISING 6150	2200			2200	83.3		2,200-	100.0-
	ADVERTISING	2200			2200	83.3		2,200-	100.0-
	PRINTING AND BINDING								
	PRINTING 6200	700			700	83.3		700-	100.0-
	BLUELINES 6210								
	FILM PROCESSING 6240								
	PRINTING AND BINDING	700			700	83.3		700-	100.0-
	REPR/MAINT-OUTSIDE LABO								
557	OFFICE EQUIPMENT R&M 6365	6100		2606	3494	83.3	42.7	2,972-	48.7-
557	REPR/MAINT-OUTSIDE L	6100		2606	3494	83.3	42.7	2,972-	48.7-
	OTHER SERVICES & CHARGE								
	EXHIBITIONS & PROMOTIO 6500								
	TRAIN DAY EVENT 6500 01	3000			3000	83.3		3,000-	100.0-
	EXHIBITIONS & PROMO	3000			3000	83.3		3,000-	100.0-
	DUES AND MEMBERSHIPS 6840	1000		482	518	83.3	48.2	421-	42.1-
	REGISTRATION FEE/TUITI 6845	2500		1480	1020	83.3	59.2	724-	28.9-
	SERVICES NOT SPECIFIED 6999	1000		280	720	83.3	28.0	664-	66.4-
	OTHER SERVICES & CHA	7500		2242	5258	83.3	29.8	4,809-	64.1-
366	OTHER SERVICES & CHAR	104600		36622	67978	83.3	35.0	60,653-	57.9-
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP. 7325								
	DATA PROCESSING EQUIP. 7327								
	OTHER EQUIPMENT 7399	8044			8044	83.3		8,044-	100.0-
	MACHINERY AND EQUIPM	8044			8044	83.3		8,044-	100.0-
	VEHICLES								
	AUTOMOBILES 7400								
	VEHICLES								

-----	CAPITAL OUTLAY	8044	-----	-----	8044	83.3		8,044-	100.0-
19780	EXPENDITURES	383939	465	239646	143828	83.3	62.4	96,363-	25.0-

001095 - GENERAL FUND-G/G INS.OTH SER

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
	REGULAR WAGES 4000							
	OVERTIME 4300	1000			1000	83.3	1,000-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	SALARIES	1000			1000	83.3	1,000-	100.0-
EMPLOYEE BENEFITS								
	STATE RETIREMENT 4600							
	F.I.C.A. TAXES 4700							
	HOSPITALIZATION INS. 4800							
	UNEMPLOYMENT BENEFITS 4900							
	WORKMAN'S COMPENSATION 4910							
-----		-----	-----	-----	-----	-----	-----	-----
	EMPLOYEE BENEFITS							
-----		-----	-----	-----	-----	-----	-----	-----
	PERSONAL SERVICES	1000			1000	83.3	1,000-	100.0-
	OFFICE SUPPLIES							
	PAPER 5003	1000		251	749	83.3 25.1	698-	69.8-
	PRINTED FORMS 5005							
-----		-----	-----	-----	-----	-----	-----	-----
	OFFICE SUPPLIES	1000		251	749	83.3 25.1	698-	69.8-
OPERATING SUPPLIES								
	FOOD 5115							
	DIESEL FUEL 5257							
	WEARING APPAREL 5355							
	OTHER OPERATING MATL/S 5590	200		91	109	83.3 45.5	90-	45.0-
	UNALLOC. PETROLEUM PRO 5599							
-----		-----	-----	-----	-----	-----	-----	-----
	OPERATING SUPPLIES	200		91	109	83.3 45.5	90-	45.0-
REPAIR & MAINTENANCE SP								
	OTHER REPAIR/MAINT. SP 5990							
-----		-----	-----	-----	-----	-----	-----	-----
	REPAIR & MAINTENANCE							
-----		-----	-----	-----	-----	-----	-----	-----
	SUPPLIES AND EXPENSES	1200		342	858	83.3 28.5	789-	65.7-
PROFESSIONAL SERVICES								
	AUDITING AND ACCOUNTIN 6010							
	TITLE OPINIONS 6016							
	APPRAISAL 6017							
	CONSULTANT SERV/SURVEY 6020							
	CONSULTANT-TWIN FORKS 6020 01							
	CONSULTANT-GORDONS CRK 6020 05							
60014	LEGAL 6025	790542		761933	28609	83.3 96.3	123,777	15.6

	CAFE PLAN-ADMIN.COSTS	6026	4500		4500	83.3		4,500-	100.0-
2010	MEDICAL	6027	37500	21940	15560	83.3	58.5	11,172-	29.7-
31169	MEDICAL ANALYSIS-EMP C	6027 01	384000	313750	70250	83.3	81.7	7,500-	1.9-
	UNALLOC.WELLNESS/HOSP.	6028	200		200	83.3		200-	100.0-
	IN-SERVICE TRAINING	6029	1250		1250	83.3		1,250-	100.0-
	ENTERTAINMENT	6033							
	DATA PROCESSING	6035							
	EMER.SHELTER/MDA GRANT	6040							
	I.P.-HYBERPLASTIC/MDA	6041							
	COPS-SECURE SCHLS/OJP	6042							
563	NLC FINANCIAL INITIATI	6043	30650	12053	18597	83.3	39.3	16,186-	52.8-
	CONTRIB FUNDED EVENTS	6046							
	COMMUNITY CONVERSATIO	6046 01	1500	29	1471	83.3	1.9	1,465-	97.6-
-----			-----	-----	-----	-----	-----	-----	-----
	CONTRIB FUNDED EVEN		1500	29	1471	83.3	1.9	1,465-	97.6-
8345	OTHER PROFESSIONAL SER	6049	513808	74346	439462	83.3	14.4	424,592-	82.6-
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102101	PROFESSIONAL SERVICE		1763950	1184050	579900	83.3	67.1	343,090-	19.4-
	COMMUNICATIONS								
9874	TELEPHONE AND TELEGRAP	6060	105000	119127	14127-	83.3	113.4	37,952	36.1
	TELEPHONE RENT	6065							
	NETWORK	6068	2918		2918-	83.3		2,918-	100.0-
	POSTAGE	6070	53000	19905	33095	83.3	37.5	29,114-	54.9-
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9874	COMMUNICATIONS		155082	139032	16050	83.3	89.6	11,756	7.5
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	9300	1051	8249	83.3	11.3	8,038-	86.4-
	MESSENGER/EXPRESS SERV	6130							
-----			-----	-----	-----	-----	-----	-----	-----
	TRANSPORTATION		9300	1051	8249	83.3	11.3	8,038-	86.4-
	ADVERTISING								
	UNALLOCATED ADVERTISIN	6155	15500	13584	1916	83.3	87.6	800	5.1
-----			-----	-----	-----	-----	-----	-----	-----
	ADVERTISING		15500	13584	1916	83.3	87.6	800	5.1
	PRINTING AND BINDING								
	PRINTING	6200	4000	1194	2806	83.3	29.8	2,567-	64.1-
	BINDING	6205							
-----			-----	-----	-----	-----	-----	-----	-----
	PRINTING AND BINDING		4000	1194	2806	83.3	29.8	2,567-	64.1-
	INSURANCE								
856	FIRE & EXTENDED COVERA	6250	207000	1443	205557	83.3	.6	205,268-	99.1-
100	PUBLIC LIAB/PROPERTY D	6255	450000	447416	2584	83.3	99.4	86,899	19.3
	BOILER MACHINERY	6260							
	SURETY AND FORGERY BON	6270	2138	1932	206	83.3	90.3	180	8.4
1925	OTHER INSURANCE	6299	6790	3006	3784	83.3	44.2	3,182-	46.8-
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2881	INSURANCE		665928	453797	212131	83.3	68.1	121,371-	18.2-
	REPR/MAINT-OUTSIDE LABO								
	OFFICE EQUIPMENT R&M	6365							
	MOTOR VEHICLE EQ. R&M	6384							
	COMMUNICATION EQ. R&M	6390							
	OTHER REPAIRS AND MAIN	6399	34500	1,062	44608	11171-	83.3 129.2	19,029	55.1

OTHER REPAIRS AND MAIN 6399 FBC

-----	REPR/MAINT-OUTSIDE L	34500	1,062	44608	11171-	83.3	129.2	19,029	55.1
	OTHER SERVICES & CHARGE								
	SETTLEMT OF DAMAGE CLA 6700	150000		150000		83.3	100.0	30,000	20.0
	LATE PAYMENT CHARGE 6705	95		93	2	83.3	97.8	16	16.8
	COURT COSTS 6710								
	THEFT LOSS 6818								
6590	PROP.TAX COLL. FEES .0 6830	55000		57230	2230-	83.3	104.0	13,676	24.8
717	PROP.TAX COLL. FEES.00 6831	80000		88713	8713-	83.3	110.8	26,455	33.0
170	BANK SERV/TRF FEE 6832	2400		2155	245	83.3	89.7	186	7.7
	DUES AND MEMBERSHIPS 6840	24700		18330	6370	83.3	74.2	2,704-	10.9-
	REGISTRATION FEE/TUITI 6845	4800		610	4190	83.3	12.7	4,068-	84.7-
	PROPERTY TAXES 6995								
	LOBBYING 6998								
3-	SERVICES NOT SPECIFIED 6999	19905	1,110	16040	2755	83.3	80.5	657-	3.3-
7474	OTHER SERVICES & CHA	336900	1,110	333170	2620	83.3	98.8	62,904	18.6
122329	OTHER SERVICES & CHAR	2985160	2,172	2170487	812501	83.3	72.7	380,575-	12.7-
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP. 7325								
	DATA PROCESSING EQUIP. 7327								
	COMMUNICATION EQUIPMEN 7355								
	MACHINERY AND EQUIPM								
	VEHICLES								
	AUTOMOBILES 7400								
	VEHICLES								
	CAPITAL OUTLAY								
122329	EXPENDITURES	2987360	2,172	2170829	814359	83.3	72.6	382,365-	12.7-

001096 - GENERAL FUND-FED PROG ADMIN

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
13676	REGULAR WAGES 4000	179989		127053	52936	83.3 70.5	27,525-	15.2-
	DISASTER RECOVERY WAGE 4010							
	OVERTIME 4300			655	655-		786	
	DISASTER RECOVERY OVER 4310							
13676	SALARIES	179989		127709	52280	83.3 70.9	26,738-	14.8-
EMPLOYEE BENEFITS								
2154	STATE RETIREMENT 4600	28348		20114	8234	83.3 70.9	4,211-	14.8-
1015	F.I.C.A. TAXES 4700	16829		9554	7275	83.3 56.7	5,364-	31.8-
2000	HOSPITALIZATION INS. 4800	26400		21498	4902	83.3 81.4	602-	2.2-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	83.3	500-	100.0-
5686	WORKMAN'S COMPENSATION 4910	2974		5686	2712-	83.3 191.1	3,849	129.4
10855	EMPLOYEE BENEFITS	75051		56852	18199	83.3 75.7	6,828-	9.0-
24530	PERSONAL SERVICES	255040		184560	70480	83.3 72.3	33,568-	13.1-
OFFICE SUPPLIES								
	PAPER 5003	200			200	83.3	200-	100.0-
	PRINTED FORMS 5005							
63	OTHER EXPENDABLE OFF.S 5010	500		272	228	83.3 54.4	173-	34.6-
	MINOR OFFICE EQUIP/FUR 5020	3639	202	1639	1798	83.3 45.0	1,672-	45.9-
	MICROFILM SUPPLIES 5030							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080							
63	OFFICE SUPPLIES	4339	202	1911	2225	83.3 44.0	2,045-	47.1-
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100							
	FOOD 5115	600	85	396	119	83.3 66.0	124-	20.6-
47	GAS AND OIL 5250	1500		499	1001	83.3 33.2	901-	60.0-
	MINOR EQUIPMENT 5460							
	OTHER OPERATING MATL/S 5590	400		65	335	83.3 16.2	322-	80.5-
	OTHER OPER.MATL-BROWNS 5591							
47	OPERATING SUPPLIES	2500	85	959	1456	83.3 38.3	1,349-	53.9-
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600							
	MTR VEHICLE REP. PTS/S 5700	1000		455	545	83.3 45.5	454-	45.4-
	MINOR COMPUTER EQUIP. 5800							
	OTHER REPAIR/MAINT. SP 5990							
	DISASTER REPAIR SUPPLI 5995	25000	6,769	18652	420-	83.3 74.6	2,617-	10.4-

-----	REPAIR & MAINTENANCE	26000	6,769	19107	125	83.3	73.4	3,071-	11.8-
-----	110 SUPPLIES AND EXPENSES	32839	7,056	21977	3806	83.3	66.9	6,466-	19.6-
-----	PROFESSIONAL SERVICES								
	CONSULTANT SERV-BROWNS 6020			37250		83.3	100.0	7,450	20.0
	DATA PROCESSING 6035	37250							
	MICROFILM PROCESSING 6037								
-----	OTHER PROFESSIONAL SER 6049	15000		189	14811	83.3	1.2	14,773-	98.4-
-----	PROFESSIONAL SERVICE	52250		37439	14811	83.3	71.6	7,323-	14.0-
-----	COMMUNICATIONS								
120	TELEPHONE AND TELEGRAP 6060	1000		972	28	83.3	97.2	166	16.6
-----	POSTAGE 6070								
120	COMMUNICATIONS	1000		972	28	83.3	97.2	166	16.6
-----	TRANSPORTATION								
	TRAVEL EXPENSE 6110	3500		1380	2120	83.3	39.4	1,844-	52.6-
	TRVL EXP-BROWNSFIELD P 6116								
	FREIGHT 6120								
-----	MESSENGER/EXPRESS SERV 6130								
-----	TRANSPORTATION	3500		1380	2120	83.3	39.4	1,844-	52.6-
-----	ADVERTISING								
-----	ADVERTISING 6150	1300		110	1190	83.3	8.4	1,168-	89.8-
-----	ADVERTISING	1300		110	1190	83.3	8.4	1,168-	89.8-
-----	PRINTING AND BINDING								
	PRINTING 6200								
-----	BINDING 6205								
-----	PRINTING AND BINDING								
-----	INSURANCE								
-----	SURETY AND FORGERY BON 6270								
-----	INSURANCE								
-----	REPR/MAINT-OUTSIDE LABO								
39333	BUILDING R&M 6350								
	DISASTER REPAIRS 6351	420014	35,357	175328	209329	83.3	41.7	209,620-	49.9-
	OFFICE EQUIPMENT R&M 6365								
	MOTOR VEHICLE EQ. R&M 6384	700		225	475	83.3	32.1	430-	61.4-
-----	OTHER REPAIRS AND MAIN 6399								
39333	REPR/MAINT-OUTSIDE L	420714	35,357	175553	209804	83.3	41.7	210,050-	49.9-
-----	RENTALS								
	OFFICE EQUIPMENT RENT 6410								
-----	OTHER RENT 6449								
-----	RENTALS								
-----	OTHER SERVICES & CHARGE								
-----	EXHIBITIONS & PROMOTIO 6500								

	DISABILITY AWARENESS	6500 03	750		491-	1241	83.3	65.4	160-	21.3-
	EXHIBITIONS & PROMO		750		491-	1241	83.3	65.4	160-	21.3-
	DUES AND MEMBERSHIPS	6840	350			350	83.3		350-	100.0-
	REGISTRATION FEE/TUITI	6845	650		513	137	83.3	78.9	34-	5.2-
	SERVICES NOT SPECIFIED	6999								
	OTHER SERVICES & CHA		1750		22	1728	83.3	1.2	1,723-	98.4-
39453	OTHER SERVICES & CHAR		480514	35,357	215476	229681	83.3	44.8	221,942-	46.1-
	ENVIRON PROJ-BROWNSFI	7296 04								
	MACHINERY AND EQUIPMENT									
	OFFICE FURN/EQUIP.	7325								
	DATA PROCESSING EQUIP.	7327								
	OTHER EQUIPMENT	7399								
	MACHINERY AND EQUIPM									
	CAPITAL OUTLAY									
64094	EXPENDITURES		768393	42,413	422013	303966	83.3	54.9	261,977-	34.0-

001100 - GENERAL FUND-POLICE/PUB.SFTY

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
456043	REGULAR WAGES 4000	6956029		4520833	2435196	83.3 64.9	1,531,029-	22.0-
	DISASTER RECOVERY WAGE 4010			142848	142848-		171,417	
56876	OVERTIME 4300	700000		795295	95295-	83.3 113.6	254,354	36.3
	DISASTER RECOVERY OVER 4310			108850	108850-		130,620	
512919	SALARIES	7656029		5567826	2088203	83.3 72.7	974,637-	12.7-
EMPLOYEE BENEFITS								
81484	STATE RETIREMENT 4600	1205824		867737	338087	83.3 71.9	164,539-	13.6-
38105	F.I.C.A. TAXES 4700	586453		412070	174383	83.3 70.2	91,969-	15.6-
68500	HOSPITALIZATION INS. 4800	1151500		902816	248684	83.3 78.4	68,120-	5.9-
751	UNEMPLOYMENT BENEFITS 4900	8000		718	7282	83.3 8.9	7,138-	89.2-
329499	WORKMAN'S COMPENSATION 4910	172344		329499	157155-	83.3 191.1	223,054	129.4
518340	EMPLOYEE BENEFITS	3124121		2512840	611281	83.3 80.4	108,713-	3.4-
1031259	PERSONAL SERVICES	10780150		8080666	2699484	83.3 74.9	1,083,350-	10.0-
OFFICE SUPPLIES								
277	PAPER 5003	3400		1935	1465	83.3 56.9	1,078-	31.7-
	PRINTED FORMS 5005							
1532	OTHER EXPENDABLE OFF.S 5010	7020	61	6723	236	83.3 95.7	1,047	14.9
25-	EXPENDABLE OFF.SPL-LIF 5012	1500		1389	111	83.3 92.6	166	11.0
175	MINOR OFFICE EQUIP/FUR 5020	5300	1,800	3250	250	83.3 61.3	1,400-	26.4-
	MICROFILM SUPPLIES 5030							
	PHOTO SUPPLIES 5040	400		6	394	83.3 1.5	392-	98.0-
	SUBSCRIPTIONS,MAGS,MAP 5050	4300		4060	240	83.3 94.4	572	13.3
	BOOKS 5070	200		30	170	83.3 15.0	164-	82.0-
	COMPUTER SUPPLIES 5080	7000		6861	139	83.3 98.0	1,233	17.6
	COMPUTR SUP-LLEBG '01 5081							
	COMPUTR SUP-COPS MORE' 5082							
1959	OFFICE SUPPLIES	29120	1,861	24253	3005	83.3 83.2	16-	
OPERATING SUPPLIES								
909	CLEANING/JANITORIAL SP 5100	8000		7176	824	83.3 89.7	611	7.6
	HOUSEHOLD SUPPLIES 5110							
	FOOD 5115	2500	600	1369	531	83.3 54.7	857-	34.2-
	MEDICAL SUPPLIES 5120							
	CHEMICALS 5130							
	FEED FOR ANIMALS 5150	2500		2023	477	83.3 80.9	72-	2.8-
20503	GAS AND OIL 5250	185450		198825	13375-	83.3 107.2	53,140	28.6
	LUBRICANTS 5255							
123	DIESEL FUEL 5257	3000		1897	1103	83.3 63.2	723-	24.1-
	OTHER FUEL 5260							

15072	UNIFORMS, BADGES, ETC.	5350	61672	2,243	58464	965	83.3	94.7	8,484	13.7
	WEARING APPAREL	5355	24009	1,450	16935	5624	83.3	70.5	3,687	15.3
	ASPHALT & ASPHALT PROD	5400								
	CONCRETE, CEMENT, ETC.	5405								
	HORT./LANDSCAPING SPLY	5440								
	HAND TOOLS	5450								
	MINOR EQUIPMENT	5460	40100	152	22980	16968	83.3	57.3	12,524	31.2
	MINOR EQUIP-BYRNE '15	5461	17438		17438		83.3	100.0	3,487	19.9
	MINOR EQUIP-BYRNE '16	5463								
	MINOR EQ-LLEBG/BYRNE'0	5464								
	OTHER OPERATING MATL/S	5590	62661	625	59534	2502	83.3	95.0	8,779	14.0
	OTHER OPER.MATL-METH.G	5591								
	OTHER OPER.MATLS-PRO S	5592								
	OTHER OPER.-ALCOHOL CN	5593								
	OTHER OPER-VICTIM ADVO	5594	1000		145	855	83.3	14.5	826	82.6
OTHER OPER-LAW ENF.LIA	5596									
36607	OPERATING SUPPLIES		408330	5,070	386785	16475	83.3	94.7	55,812	13.6
	REPAIR & MAINTENANCE SP									
13	BUILDING MATERIALS & S	5600	997	42	123	832	83.3	12.3	849	85.1
	ELECTRICAL SUPPLIES	5605	2000		252	1748	83.3	12.6	1,697	84.8
	PLUMBING SUPPLIES	5610								
	PAINT AND PAINTING SPL	5650								
2865	MTR VEHICLE REP. PTS/S	5700	107145	167	102621	4357	83.3	95.7	16,000	14.9
	COMMUNICATION REPAIR P	5750	3470		1815	1655	83.3	52.3	1,292	37.2
	AGRICLTRL REPAIR PTS/S	5755								
	EXPENDABLE WELDING SPL	5770								
	MINOR COMPUTER EQUIP.	5800								
	OTHER REPAIR/MAINT. SP	5990	10309	194	9952	163	83.3	96.5	1,633	15.8
	REPR SPLY-8/29/05 STOR	5995	625		625		83.3	100.0	125	20.0
2878	REPAIR & MAINTENANCE		124546	403	115388	8755	83.3	92.6	13,919	11.1
41444	SUPPLIES AND EXPENSES		561996	7,334	526426	28236	83.3	93.6	69,715	12.4
	PROFESSIONAL SERVICES									
	LEGAL	6025								
275	MEDICAL	6027	7400		6520	880	83.3	88.1	424	5.7
492	VETERINARIAN	6030	3000		1370	1630	83.3	45.6	1,356	45.2
	ENTERTAINMENT	6033								
	DATA PROCESSING	6035								
	MICROFILM PROCESSING	6037								
	METRO CRIME STOPPERS	6039								
	OTHER PROF.-ALCOHOL CN	6047								
	OTHER PROF.-VICTIM'S A	6048								
850	OTHER PROFESSIONAL SER	6049	46700	735	44791	1174	83.3	95.9	7,049	15.0
	POL.LATERAL TRNG FEE	6049 26								
1617	PROFESSIONAL SERVICE		57100	735	52681	3684	83.3	92.2	6,117	10.7
	COMMUNICATIONS									
7233	TELEPHONE AND TELEGRAP	6060	46600		48005	1405	83.3	103.0	11,006	23.6
	TELEPHONE-GRANT	6060 GRANT								

1436	TELEPHONE RENT	6065	3000		2655	345	83.3	88.5	186	6.2
	NETWORK WIRELESS	6069	6000		4416	1584	83.3	73.6	700-	11.6-
	POSTAGE	6070	100		90	10	83.3	90.0	8	8.0
	OTHER COMMUNICATION EX	6099								
8669	COMMUNICATIONS		55700		55166	534	83.3	99.0	10,499	18.8
739-	TRANSPORTATION									
	TRAVEL EXPENSE	6110	12100	871	7824	3405	83.3	64.6	2,711-	22.4-
	TRVL EXP-TRAFFIC GRANT	6111								
	TRVL EXP-VICTIM'S ADV	6112								
	TRVL EXP-TERRORISM PRE	6113								
	TRAVEL EXP-PROJ SAFE N	6114								
	TRVL/TRNG-COP'S METH G	6116								
	TRVL EXP-LAW ENF LIAIS	6118								
	TRVL EXP-ALCOHOL GRANT	6119	874		874		83.3		874-	100.0-
	FREIGHT	6120	1749	25	1720	4	83.3	98.3	315	18.0
49	MESSENGER/EXPRESS SERV	6130	1060	25	524	511	83.3	49.4	431-	40.6-
691-	TRANSPORTATION		15783	921	10068	4794	83.3	63.7	3,701-	23.4-
	ADVERTISING									
	ADVERTISING	6150	2500		1250	1250	83.3	50.0	1,000-	40.0-
	ADVERTISING		2500		1250	1250	83.3	50.0	1,000-	40.0-
	PRINTING AND BINDING									
	PRINTING	6200	1000		327	673	83.3	32.7	607-	60.7-
	BINDING	6205								
	FILM PROCESSING	6240								
	PRINTING AND BINDING		1000		327	673	83.3	32.7	607-	60.7-
	INSURANCE									
	FIRE & EXTENDED COVERA	6250								
	PUBLIC LIAB/PROPERTY D	6255								
	BOILER MACHINERY	6260								
	AUTOMOBILE INSURANCE	6265	18700		18659	41	83.3	99.7	3,690	19.7
	SURETY AND FORGERY BON	6270	300		200	100	83.3	66.6	60-	20.0-
	OTHER INSURANCE	6299								
	INSURANCE		19000		18859	141	83.3	99.2	3,630	19.1
	UTILITIES									
188	GAS	6300	5000		5132	132-	83.3	102.6	1,158	23.1
13435	ELECTRICITY	6305	79517		75541	3976	83.3	94.9	11,132	13.9
13623	UTILITIES		84517		80672	3845	83.3	95.4	12,289	14.5
	REPR/MAINT-OUTSIDE LABO									
	BUILDING R&M	6350								
	8/29/05 STORM REPAIRS	6353								
	ELECTRICAL R&M	6355								
	PLUMBING EQUIPMENT R&M	6357								
690	OFFICE EQUIPMENT R&M	6365	31500		29490	2010	83.3	93.6	3,888	12.3
	OFF.EQ.R&M-COPS MORE	6366								
	HOUSEHOLD EQUIPMENT R&	6370								
	FIXED EQUIPMENT R&M	6380	10000		7830	2170	83.3	78.3	604-	6.0-

1498	MINOR EQUIPMENT R&M	6382							
	MOTOR VEHICLE EQ. R&M	6384	61000		58878	2122	83.3	96.5	9,653 15.8
	AGRICULTURAL EQ. R&M	6387							
	COMMUNICATION EQ. R&M	6390							
	CLEANING AND PAINTING	6392							
213	DISINFECT./EXTERMINATI	6394	1000		1041	41-	83.3	104.1	249 24.9
	SIGN PAINTING	6396							
275	TOW IN CHARGES	6398	4000		3775	225	83.3	94.3	530 13.2
	OTHER REPAIRS AND MAIN	6399							
-----			-----	-----	-----	-----	-----	-----	-----
2676	REPR/MAINT-OUTSIDE L		107500		101013	6487	83.3	93.9	13,715 12.7
	RENTALS								
1399	OFFICE EQUIPMENT RENT	6410	7800		7174	626	83.3	91.9	808 10.3
	MOTORCYCLE RENT	6417	45820		37260	8560	83.3	81.3	1,108- 2.4-
	CYLINDER RENT	6425	800			800	83.3		800- 100.0-
	UNIFORM RENT	6430							
	MOP-MAT-RAG RENT	6435							
	OTHER RENT	6449							
-----			-----	-----	-----	-----	-----	-----	-----
1399	RENTALS		54420		44434	9986	83.3	81.6	1,099- 2.0-
	OTHER SERVICES & CHARGE								
	EXHIBITIONS & PROMOTIO	6500							
	SETTLEMT OF DAMAGE CLA	6700							
	COURT COSTS	6710							
	JAIL EXPENSE	6815							
	EVIDENCE BUY MONEY	6817							
	THEFT LOSS	6818							
	CASH OVERAGE/SHORTAGE	6819							
	BANK SERV/TRF FEE	6832							
	REFUNDS	6835							
	POLICE FINE REFUNDS	6835 PF							
-----			-----	-----	-----	-----	-----	-----	-----
	REFUNDS								
50	NSF CHECKS	6836	2000		1180	820	83.3	59.0	584- 29.2-
	DUES AND MEMBERSHIPS	6840	3500		1813	1687	83.3	51.8	1,324- 37.8-
	REGISTRATION FEE/TUITI	6845	8670		3753	4917	83.3	43.2	4,166- 48.0-
	LAUNDRY	6850							
	SERVICES NOT SPECIFIED	6999							
-----			-----	-----	-----	-----	-----	-----	-----
50	OTHER SERVICES & CHA		14170		6745	7425	83.3	47.6	6,076- 42.8-
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27344	OTHER SERVICES & CHAR		411690	1,656	371215	38819	83.3	90.1	33,768 8.2
	BUILDING/BLD IMPROVEMEN								
	BUILDINGS	7100							
	POLICE SERV CTR BLDG	7100 22							
-----			-----	-----	-----	-----	-----	-----	-----
	BUILDINGS								
	BUILDING IMPROVEMENTS	7150							
	POLICE COMPLEX	7150 07							
	DEPOT SUBSTATION	7150 37							
	MOBILE ST SUBSTATION	7150 39							

	PALMERS CROSSING SUBS 7150 40								
-----	BUILDING IMPROVEMEN	-----	-----	-----	-----	-----	-----	-----	-----
-----	BUILDING/BLD IMPROVE	-----	-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER THAN								
	PARKING LOT/DRIVEWAY 7227								
	LANDSCAPING 7250								
-----	OTHER IMPROVEMENTS 7295	-----	-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	8/29/05 STORM EQUIP 7302								
	EQUIP-METH GRANT 7303								
	EQUIP-DOMESTIC PREP 7312								
	EQUIP-HOMELAND SECURIT 7313	39998		39998		83.3 100.0		7,999	19.9
	EQUIP-TERRORISM PREVEN 7314								
	EQUIP-TERRORISM '05 7316								
	EQ-DOMESTIC PREP'05 7318								
	EQUIP-PROJ SAFE NEIGHB 7319								
	HOUSEHOLD FURN/EQUIP. 7320								
	EQUIP-BYRNE '15 7323								
	EQUIP-BYRNE '16 7324								
494	OFFICE FURN/EQUIP. 7325	129252		68049	61203	83.3 52.6		47,593-	36.8-
	COPS TECH GRANT EQUIP 7326								
9547	DATA PROCESSING EQUIP. 7327	142985		137606	5380	83.3 96.2		22,142	15.4
	FEMA-EMER.WARNING SIRE 7330								
	EQUIP-JUSTICE ASSIST G 7331								
	COMMUNICATION EQUIPMEN 7355								
	TRAFFIC CONTROL EQUIP. 7360								
	EQUIP-BYRNE '09 7375								
	OTHER EQUIP-STOP VIOL 7397								
	OTHER EQUIP-ALCOHOL GR 7398								
34	OTHER EQUIPMENT 7399	437409	10,220	280931	146258	83.3 64.2		100,291-	22.9-
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10075	MACHINERY AND EQUIPM	749644	10,220	526583	212841	83.3 70.2		117,744-	15.7-
	VEHICLES								
	AUTOMOBILES 7400								
	AUTOMOBILES-METH GRANT 7401								
	AUTOMOBILES-BYRNE GRAN 7402								
	MOTORCYCLES 7405								
	PICK UP TRUCKS 7420								
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	VEHICLES								
	OTHER								
	ZOOLOGICAL ANIMALS 7505								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	OTHER								
-----		-----	-----	-----	-----	-----	-----	-----	-----
10075	CAPITAL OUTLAY	749644	10,220	526583	212841	83.3 70.2		117,744-	15.7-
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1110121	EXPENDITURES	12503480	19,210	9504890	2979380	83.3 76.0		1,097,612-	8.7-

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
10 Months Ending 07/31/17

THIS MONTH			ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	PROJECTED....		
ACTUAL		OBJ/SUB	BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN	ACTUAL	OVER/UNDER	%
	SALARIES									
1776	REGULAR WAGES	4000	23080		18642	4438	83.3	80.7	709-	3.0-
	DISASTER RECOVERY WAGE	4010								
	OVERTIME	4300	1000		214	786	83.3	21.4	743-	74.3-
	DISASTER RECOVERY OVER	4310								
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1776	SALARIES		24080		18856	5224	83.3	78.3	1,452-	6.0-
	EMPLOYEE BENEFITS									
280	STATE RETIREMENT	4600	3793		2970	823	83.3	78.3	229-	6.0-
114	F.I.C.A. TAXES	4700	1842		1221	621	83.3	66.2	376-	20.4-
500	HOSPITALIZATION INS.	4800	6600		5500	1100	83.3	83.3		
	UNEMPLOYMENT BENEFITS	4900	500			500	83.3		500-	100.0-
157	WORKMAN'S COMPENSATION	4910	82		157	75-	83.3	191.4	106	129.2
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1050	EMPLOYEE BENEFITS		12817		9848	2969	83.3	76.8	999-	7.7-
-----			-----	-----	-----	-----	-----	-----	-----	-----
2826	PERSONAL SERVICES		36897		28703	8194	83.3	77.7	2,453-	6.6-
	OFFICE SUPPLIES									
130	PAPER	5003	650	312	328	10	83.3	50.4	256-	39.3-
	PRINTED FORMS	5005	100		69	32	83.3	69.0	17-	17.0-
61	OTHER EXPENDABLE OFF.S	5010	2300	497	1761	42	83.3	76.5	186-	8.0-
	SPLY-RRT COORDINATOR	5013								
3247	MINOR OFFICE EQUIP/FUR	5020	3450		3247	203	83.3	94.1	446	12.9
	CASSETTES, TAPES	5035								
	PHOTO SUPPLIES	5040	875		825	50	83.3	94.2	115	13.1
	SUBSCRIPTIONS,MAGS,MAP	5050								
	BOOKS-POLICE	5070	2000		306	1694	83.3	15.3	1,632-	81.6-
	BOOKS-FIRE	5071	2000		53	1947	83.3	2.6	1,936-	96.8-
	COMPUTER SUPPLIES	5080	2700		725	1975	83.3	26.8	1,830-	67.7-
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3438	OFFICE SUPPLIES		14075	809	7313	5952	83.3	51.9	5,299-	37.6-
	OPERATING SUPPLIES									
	CLEANING/JANITORIAL SP	5100	3000	456	1543	1001	83.3	51.4	1,148-	38.2-
	HOUSEHOLD SUPPLIES	5110	750		55	695	83.3	7.3	684-	91.2-
	FOOD	5115	2200		969	1231	83.3	44.0	1,037-	47.1-
20	MEDICAL SUPPLIES	5120	600		494	106	83.3	82.3	7-	1.1-
	GAS AND OIL	5250	200		14	186	83.3	7.0	183-	91.5-
	WEARING APPAREL-POLICE	5355	2500	126	898	1476	83.3	35.9	1,422-	56.8-
135	WEARING APPAREL-FIRE	5356	2500	646	541	1313	83.3	21.6	1,850-	74.0-
	ASPHALT & ASPHALT PROD	5400								
	CONCRETE, CEMENT, ETC.	5405	2000			2000	83.3		2,000-	100.0-
	BRICK,STONE,MORTAR,ETC	5410								
	SAND,CLAY,GRVL,FILL DI	5415								

		HORT./LANDSCAPING SPLY	5440		500	9-	509	83.3	1.8		489-	97.8-
		HAND TOOLS	5450		1500		1500	83.3			1,500-	100.0-
		MINOR EQUIPMENT-POLICE	5460		17007	87	14112	83.3	82.9		72-	.4-
583		MINOR EQUIPMENT-FIRE	5462		10000		288	9712	83.3	2.8	9,654-	96.5-
		MINOR EQUIP-REGIONAL R	5463		7500			7500	83.3		7,500-	100.0-
		SWIFT WATER RESCUE SUP	5465		7500			7500	83.3		7,500-	100.0-
1182		HAZ.MAT SUPPLIES	5466		5000		1882	3118	83.3	37.6	2,741-	54.8-
		P&F CLASSES-(FEE) SUPP	5469									
6866		OTHER OPER.MATL-POLICE	5590		12500	925	10428	1147	83.3	83.4	13	.1
		OTHER OPER.MATL-FIRE	5591		12500	239	430	11831	83.3	3.4	11,984-	95.8-
8786		OPERATING SUPPLIES			87757	2,479	31645	53633	83.3	36.0	49,783-	56.7-
		REPAIR & MAINTENANCE SP										
		BUILDING MATERIALS & S	5600		6000		1059	4941	83.3	17.6	4,729-	78.8-
		ELECTRICAL SUPPLIES	5605		1450			1450	83.3		1,450-	100.0-
		PLUMBING SUPPLIES	5610		1000		206	794	83.3	20.6	752-	75.2-
		PAINT AND PAINTING SPL	5650		750		17	733	83.3	2.2	729-	97.2-
		MTR VEHICLE REP. PTS/S	5700		1200			1200	83.3		1,200-	100.0-
165		OTHER REPAIR/MAINT. SP	5990		2500	95	577	1828	83.3	23.0	1,807-	72.2-
165		REPAIR & MAINTENANCE			12900	95	1859	10946	83.3	14.4	10,669-	82.7-
12389		SUPPLIES AND EXPENSES			114732	3,383	40817	70531	83.3	35.5	65,751-	57.3-
		PROFESSIONAL SERVICES										
		MEDICAL	6027									
		P&F CLASSES-(FEE) SERV	6045									
236		OTHER PROFESSIONAL SER	6049		3800		3524	276	83.3	92.7	428	11.2
		RRT PLANNING-HOMELAND	6049 21									
		RRT TRAINING-HOMELAND	6049 22									
		H'BURG HIGH-HOMELAND	6049 23									
		MGMT/ADMIN-HOMELAND S	6049 24									
		OTHER-CITY HOMELAND S	6049 25									
		ASSIST TO FIREFIGHTER	6049 27		15225			15225	83.3		15,225-	100.0-
		OTHER	6049 99									
236		OTHER PROFESSIONAL			19025		3524	15501	83.3	18.5	14,796-	77.7-
236		PROFESSIONAL SERVICE			19025		3524	15501	83.3	18.5	14,796-	77.7-
		COMMUNICATIONS										
		TELEPHONE AND TELEGRAP	6060		750		540	210	83.3	72.0	102-	13.6-
		TELEPHONE-RRT COORDINA	6060 GRANT									
		POSTAGE	6070		100		29	71	83.3	29.0	65-	65.0-
		COMMUNICATIONS			850		569	281	83.3	66.9	167-	19.6-
		TRANSPORTATION										
150		TRVL EXP-POLICE	6110		6011	1,930	2463	1617	83.3	40.9	3,055-	50.8-
		TRVL EXP-FIRE	6111		7000		2644	4356	83.3	37.7	3,827-	54.6-
		TRVL EXP-RRT COORDINAT	6112									
		TRVL EXP-RESPONSE TEAM	6116									
46		FREIGHT	6120		550	58	413	79	83.3	75.0	54-	9.8-

196	TRANSPORTATION		13561	1,988	5520	6052	83.3	40.7	6,937-	51.1-
	ADVERTISING									
	ADVERTISING	6150	2500			2500	83.3		2,500-	100.0-
	ADVERTISING		2500			2500	83.3		2,500-	100.0-
	PRINTING AND BINDING									
	PRINTING	6200								
	FILM PROCESSING	6240								
	PRINTING AND BINDING									
	INSURANCE									
	BOILER MACHINERY	6260								
	SURETY AND FORGERY BON	6270								
	OTHER INSURANCE	6299								
	INSURANCE									
	UTILITIES									
88	GAS	6300	3000		1968	1032	83.3	65.6	638-	21.2-
1428	ELECTRICITY	6305	18000		11765	6235	83.3	65.3	3,882-	21.5-
	WATER	6315								
1515	UTILITIES		21000		13734	7266	83.3	65.4	4,519-	21.5-
	REPR/MAINT-OUTSIDE LABO									
	BUILDING R&M	6350	6900		120	6780	83.3	1.7	6,756-	97.9-
	DISASTER REPAIRS	6351	45		45		83.3	100.0	9	20.0
	OFFICE EQUIPMENT R&M	6365								
	MINOR EQUIPMENT R&M	6382	150			150	83.3		150-	100.0-
	MOTOR VEHICLE EQ. R&M	6384	500			500	83.3		500-	100.0-
	CLEANING AND PAINTING	6392	500			500	83.3		500-	100.0-
148	DISINFECT./EXTERMINATI	6394	1300		902	398	83.3	69.3	217-	16.6-
	OTHER REPAIRS AND MAIN	6399	1500		49	1451	83.3	3.2	1,441-	96.0-
148	REPR/MAINT-OUTSIDE L		10895		1116	9779	83.3	10.2	9,555-	87.7-
	RENTALS									
	OTHER RENT	6449	4000		1027	2973	83.3	25.6	2,767-	69.1-
	RENTALS		4000		1027	2973	83.3	25.6	2,767-	69.1-
	OTHER SERVICES & CHARGE									
	PETTY CASH LOSS/STORM	6818								
	DUES AND MEMBERSHIPS	6840	250		180	70	83.3	72.0	34-	13.6-
	REGISTRATN FEE-POLICE	6845	7000	1,190	3219	2591	83.3	45.9	3,137-	44.8-
	REGISTRATN FEE-FIRE	6846	15000		7203	7797	83.3	48.0	6,356-	42.3-
	SERVICES NOT SPECIFIED	6999								
	OTHER SERVICES & CHA		22250	1,190	10602	10458	83.3	47.6	9,527-	42.8-
2095	OTHER SERVICES & CHAR		94081	3,178	36092	54810	83.3	38.3	50,770-	53.9-
	BUILDING/BLD IMPROVEMEN									
	BUILDING IMPROVEMENTS	7150								
	P&F TRAINING BLDG	7150 34								

-----	BUILDING IMPROVEMEN	-----	-----	-----	-----	-----	-----	-----
-----	BUILDING/BLD IMPROVE	-----	-----	-----	-----	-----	-----	-----
-----	IMPROVEMENT OTHER THAN	-----	-----	-----	-----	-----	-----	-----
-----	PARKING LOT/DRIVEWAY 7227	-----	-----	-----	-----	-----	-----	-----
-----	IMPROVEMENT OTHER TH	-----	-----	-----	-----	-----	-----	-----
-----	MACHINERY AND EQUIPMENT	-----	-----	-----	-----	-----	-----	-----
-----	EQUIP-RESPONSE TEAM'07 7311	-----	-----	-----	-----	-----	-----	-----
-----	EQUIP-RESPONSE TEAM'04 7314	-----	-----	-----	-----	-----	-----	-----
-----	EQUIP-CITY HOMELAND SE 7316	-----	-----	-----	-----	-----	-----	-----
-----	OFFICE FURN/EQUIP. 7325	-----	-----	-----	-----	-----	-----	-----
-----	COMMUNICATION EQUIPMEN 7355	-----	-----	-----	-----	-----	-----	-----
-----	TRAFFIC CONTROL EQUIP. 7360	-----	-----	-----	-----	-----	-----	-----
-----	OTHER EQUIP-HAZ.MAT 7398	-----	-----	-----	-----	-----	-----	-----
-----	OTHER EQUIPMENT 7399	-----	-----	-----	-----	-----	-----	-----
-----	MACHINERY AND EQUIPM	-----	-----	-----	-----	-----	-----	-----
-----	VEHICLES	-----	-----	-----	-----	-----	-----	-----
-----	AUTOMOBILES 7400	33000	29,645	-----	3355	83.3	33,000-	100.0-
-----	BUSES 7410	-----	-----	-----	-----	-----	-----	-----
-----	VEHICLES	33000	29,645	-----	3355	83.3	33,000-	100.0-
-----	CAPITAL OUTLAY	33000	29,645	-----	3355	83.3	33,000-	100.0-
-----	EXPENDITURES	278710	36,206	105613	136890	83.3 37.8	151,974-	54.5-

001160 - GENERAL FUND-FIRE DIVISION

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
335016	REGULAR WAGES 4000	4675107		3451233	1223874	83.3 73.8	533,627-	11.4-
	DISASTER RECOVERY WAGE 4010			20443	20443-		24,531	
50109	OVERTIME 4300	450000		707541	257541-	83.3 157.2	399,049	88.6
	DISASTER RECOVERY OVER 4310			2335	2335-		2,802	
385125	SALARIES	5125107		4181552	943555	83.3 81.5	107,244-	2.0-
EMPLOYEE BENEFITS								
59989	STATE RETIREMENT 4600	807204		651639	155565	83.3 80.7	25,237-	3.1-
27582	F.I.C.A. TAXES 4700	392070		301462	90608	83.3 76.8	30,315-	7.7-
57500	HOSPITALIZATION INS. 4800	811800		656200	155600	83.3 80.8	24,360-	3.0-
5	UNEMPLOYMENT BENEFITS 4900	6000		5	5995	83.3	5,994-	99.9-
418217	WORKMAN'S COMPENSATION 4910	218747		418217	199470-	83.3 191.1	283,113	129.4
563293	EMPLOYEE BENEFITS	2235821		2027523	208298	83.3 90.6	197,206	8.8
948418	PERSONAL SERVICES	7360928		6209076	1151853	83.3 84.3	89,963	1.2
OFFICE SUPPLIES								
35	PAPER 5003	550		505	45	83.3 91.8	56	10.1
	PRINTED FORMS 5005	400		395	5	83.3 98.7	74	18.5
318	OTHER EXPENDABLE OFF.S 5010	6000		3358	2642	83.3 55.9	1,970-	32.8-
53	MINOR OFFICE EQUIP/FUR 5020	2264		1654	610	83.3 73.0	279-	12.3-
	CASSETTES, TAPES 5035							
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070	500		141	359	83.3 28.2	330-	66.0-
	COMPUTER SUPPLIES 5080	1000		965	35	83.3 96.5	158	15.8
406	OFFICE SUPPLIES	10714		7018	3696	83.3 65.5	2,292-	21.3-
OPERATING SUPPLIES								
52	CLEANING/JANITORIAL SP 5100	10600	846	9222	532	83.3 87.0	466	4.3
1967	HOUSEHOLD SUPPLIES 5110	7000	1,070	2368	3561	83.3 33.8	4,158-	59.4-
	FOOD 5115	350		168	182	83.3 48.0	148-	42.2-
1817	MEDICAL SUPPLIES 5120	2900		2429	471	83.3 83.7	14	.4
	LABORATORY SUPPLIES 5125							
	CHEMICALS 5130							
1184	GAS AND OIL 5250	18000		9313	8687	83.3 51.7	6,824-	37.9-
22	LUBRICANTS 5255	3800		3213	588	83.3 84.5	55	1.4
2998	DIESEL FUEL 5257	52000		38532	13468	83.3 74.1	5,761-	11.0-
	OTHER FUEL 5260							
6449	UNIFORMS, BADGES, ETC. 5350	55000	41,450	8226	5324	83.3 14.9	45,128-	82.0-
40	WEARING APPAREL 5355	14000	40	12933	1027	83.3 92.3	1,519	10.8
	ASPHALT & ASPHALT PROD 5400							

	CONCRETE, CEMENT, ETC.	5405								
	HORT./LANDSCAPING SPLY	5440								
3	HAND TOOLS	5450	2000		1635	365	83.3	81.7	38-	1.9-
1248	MINOR EQUIPMENT	5460	10223		9002	1221	83.3	88.0	579	5.6
150	MINOR FIRE FIGHTING EQ	5462	8400		6746	1654	83.3	80.3	304-	3.6-
	SWIFT WATER RESCUE SUP	5465	800			800	83.3		800-	100.0-
	FIRE HOSE	5470								
	RECREATIONAL SUPPLIES	5510								
1210	SFTY/FIRE P/MATL CONTR	5535	4000		3293	707	83.3	82.3	48-	1.2-
	OTHER OPERATING MATL/S	5590	800		424	376	83.3	53.0	291-	36.3-
17139	OPERATING SUPPLIES		189873	43,406	107505	38962	83.3	56.6	60,867-	32.0-
	REPAIR & MAINTENANCE SP									
	BUILDING MATERIALS & S	5600	7000		5991	1009	83.3	85.5	189	2.7
108	ELECTRICAL SUPPLIES	5605	2250		2110	140	83.3	93.7	282	12.5
	PLUMBING SUPPLIES	5610	2150		949	1201	83.3	44.1	1,011-	47.0-
	PAINT AND PAINTING SPL	5650	2600		18	2582	83.3	.6	2,578-	99.1-
9846	MTR VEHICLE REP. PTS/S	5700	76274	798	70982	4493	83.3	93.0	8,904	11.6
	COMMUNICATION REPAIR P	5750	1000		300	700	83.3	30.0	640-	64.0-
	AGRICLTRL REPAIR PTS/S	5755								
	SCBA REPAIR PTS/SPL	5756	16300		10951	5349	83.3	67.1	3,158-	19.3-
	MINOR COMPUTER EQUIP.	5800								
	OTHER REPAIR/MAINT. SP	5990	500		169	331	83.3	33.8	297-	59.4-
1035	REPR SPLY-8/29/05 STOR	5995	6252		8474	2222-	83.3	135.5	3,916	62.6
10989	REPAIR & MAINTENANCE		114326	798	99944	13584	83.3	87.4	5,606	4.9
28534	SUPPLIES AND EXPENSES		314913	44,204	214467	56242	83.3	68.1	57,552-	18.2-
	PROFESSIONAL SERVICES									
	APPRAISAL	6017	3000			3000-	83.3		3,000-	100.0-
	MEDICAL	6027	22750		6110	16640	83.3	26.8	15,418-	67.7-
	ENTERTAINMENT	6033								
	OTHER PROFESSIONAL SER	6049	14900	8,250	3075	3575	83.3	20.6	11,210-	75.2-
	PROFESSIONAL SERVICE		34650	8,250	9185	17215	83.3	26.5	23,628-	68.1-
	COMMUNICATIONS									
757	TELEPHONE AND TELEGRAP	6060	13600		7199	6401	83.3	52.9	4,961-	36.4-
	NETWORK	6068								
	NETWORK WIRELESS-GRANT	6069								
	POSTAGE	6070								
757	COMMUNICATIONS		13600		7199	6401	83.3	52.9	4,961-	36.4-
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	5233		1535	3698	83.3	29.3	3,391-	64.8-
307	FREIGHT	6120	2800	10	1972	818	83.3	70.4	433-	15.4-
	MESSENGER/EXPRESS SERV	6130								
307	TRANSPORTATION		8033	10	3507	4516	83.3	43.6	3,824-	47.6-
	ADVERTISING									
	ADVERTISING	6150	1800		1637	163	83.3	90.9	164	9.1

	ADVERTISING		1800		1637	163	83.3	90.9	164	9.1
	PRINTING AND BINDING									
	PRINTING	6200	2320	198	1185	937	83.3	51.0	898-	38.7-
	FILM PROCESSING	6240								
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	PRINTING AND BINDING		2320	198	1185	937	83.3	51.0	898-	38.7-
	INSURANCE									
	PUBLIC LIAB/PROPERTY D	6255								
	BOILER MACHINERY	6260								
	AUTOMOBILE INSURANCE	6265								
	SURETY AND FORGERY BON	6270	125			125	83.3		125-	100.0-
	OTHER INSURANCE	6299								
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	INSURANCE		125			125	83.3		125-	100.0-
	UTILITIES									
329	GAS	6300	26975		10927	16048	83.3	40.5	13,862-	51.3-
6138	ELECTRICITY	6305	69000		48893	20107	83.3	70.8	10,328-	14.9-
28	WATER	6315	354		318	36	83.3	89.8	27	7.6
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6495	UTILITIES		96329		60138	36191	83.3	62.4	24,163-	25.0-
	REPR/MAINT-OUTSIDE LABO									
	BUILDING R&M	6350	32338	285	21638	10415	83.3	66.9	6,372-	19.7-
2785	DISASTER REPAIRS	6351	6646		9431	2785-	83.3	141.9	4,671	70.2
	8/29/05 STORM REPAIRS	6353	677		677		83.3	100.0	135	19.9
	ELECTRICAL R&M	6355	200			200	83.3		200-	100.0-
	PLUMBING EQUIPMENT R&M	6357	1600		765	835	83.3	47.8	682-	42.6-
	STREETS & STRUCTURES R	6360								
194	OFFICE EQUIPMENT R&M	6365	3270		2566	704	83.3	78.4	190-	5.8-
225	HOUSEHOLD EQUIPMENT R&	6370	4000		1615	2385	83.3	40.3	2,062-	51.5-
	FIXED EQUIPMENT R&M	6380	6025		5185	840	83.3	86.0	197	3.2
	MINOR EQUIPMENT R&M	6382	3000		2425	575	83.3	80.8	90-	3.0-
2471-	MOTOR VEHICLE EQ. R&M	6384	63768	5,882	27884	30001	83.3	43.7	30,307-	47.5-
	AGRICULTURAL EQ. R&M	6387	500		122	378	83.3	24.4	353-	70.6-
	SCBA EQUIP. R&M	6389	13350		3738	9613	83.3	28.0	8,864-	66.3-
	COMMUNICATION EQ. R&M	6390	4000		686	3314	83.3	17.1	3,176-	79.4-
338	DISINFECT./EXTERMINATI	6394	2000		1812	188	83.3	90.6	174	8.7
	SIGN PAINTING	6396								
	TOW IN CHARGES	6398	1600		1500	100	83.3	93.7	200	12.5
850	OTHER REPAIRS AND MAIN	6399	4350		4317	33	83.3	99.2	830	19.0
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1921	REPR/MAINT-OUTSIDE L		147324	6,167	84361	56796	83.3	57.2	46,090-	31.2-
	RENTALS									
	OFFICE EQUIPMENT RENT	6410								
	MACHINERY RENT	6420	100			100	83.3		100-	100.0-
733	CYLINDER RENT	6425	4900		3551	1349	83.3	72.4	638-	13.0-
	UNIFORM RENT	6430								
	MOP-MAT-RAG RENT	6435								
	OTHER RENT	6449	600		600		83.3	100.0	120	20.0
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733	RENTALS		5600		4151	1449	83.3	74.1	618-	11.0-
	OTHER SERVICES & CHARGE									
	DUES AND MEMBERSHIPS	6840	1300		973	327	83.3	74.8	132-	10.1-

	REGISTRATION FEE/TUITI	6845	1300	955	345	83.3	73.4	154-	11.8-
	LAUNDRY	6850	100		100	83.3		100-	100.0-
	SERVICES NOT SPECIFIED	6999	750	250	500	83.3	33.3	450-	60.0-
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	OTHER SERVICES & CHA		3450	2178	1272	83.3	63.1	836-	24.2-
-----			-----	-----	-----	-----	-----	-----	-----
10213	OTHER SERVICES & CHAR		313231	14,625	173540	83.3	55.4	104,983-	33.5-
	BUILDING/BLD IMPROVEMEN								
	BUILDINGS	7100							
	FIRE STATION-PW8294	7100 20							
	FIRE STATION-CDBG	7100 21							
	STORAGE BUILDING	7100 23							
1608	PORTABLE BLDG-FIRE ST	7100 28			31611	31611-		37,933	
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1608	BUILDINGS				31611	31611-		37,933	
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1608	BUILDING/BLD IMPROVE				31611	31611-		37,933	
	IMPROVEMENT OTHER THAN								
	PARKING LOT/DRIVEWAY	7227							
	LANDSCAPING	7250							
	OTHER IMPROVEMENTS	7295							
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	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	8/29/05 STORM EQUIP	7302							
	LABORATORY	7310							
83195	FIRE FIGHTING	7315	195492	193602	1890	83.3	99.0	36,830	18.8
	EQUIP-SCBA-'11 AF GRAN	7317							
	HOUSEHOLD FURN/EQUIP.	7320							
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
	EQ-WIRELESS NETWORK GR	7331							
	AGRICULTURAL EQUIPMENT	7335							
	COMMUNICATION EQUIPMEN	7355							
	TRAFFIC CONTROL EQUIP.	7360							
	HYDRANTS & METERS	7365							
	OTHER EQUIPMENT	7399							
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83195	MACHINERY AND EQUIPM		195492	193602	1890	83.3	99.0	36,830	18.8
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
	HEAVY TRUCKS	7430							
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	VEHICLES								
-----			-----	-----	-----	-----	-----	-----	-----
84803	CAPITAL OUTLAY		195492	225213	29721-	83.3	115.2	74,763	38.2
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1071967	EXPENDITURES		8184564	58,829	6822295	83.3	83.3	2,190	

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
10 Months Ending 07/31/17

THIS MONTH			ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	PROJECTED....		
ACTUAL		OBJ/SUB	BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN	ACTUAL	OVER/UNDER	%
	SALARIES									
26320	REGULAR WAGES	4000	399998		281639	118359	83.3	70.4	62,031-	15.5-
	DISASTER RECOVERY WAGE	4010			1878	1878-			2,253	
8	OVERTIME	4300	1000		624	376	83.3	62.4	251-	25.1-
	DISASTER RECOVERY OVER	4310			1033	1033-			1,239	
26328	SALARIES		400998		285173	115825	83.3	71.1	58,790-	14.6-
4147	EMPLOYEE BENEFITS									
	STATE RETIREMENT	4600	63157		44914	18243	83.3	71.1	9,260-	14.6-
1945	F.I.C.A. TAXES	4700	30676		21157	9519	83.3	68.9	5,287-	17.2-
6000	HOSPITALIZATION INS.	4800	92400		73605	18795	83.3	79.6	4,074-	4.4-
	UNEMPLOYMENT BENEFITS	4900	500			500	83.3		500-	100.0-
28166	WORKMAN'S COMPENSATION	4910	14732		28166	13434-	83.3	191.1	19,067	129.4
40257	EMPLOYEE BENEFITS		201465		167843	33622	83.3	83.3	53-	
66585	PERSONAL SERVICES		602463		453016	149447	83.3	75.1	58,843-	9.7-
	OFFICE SUPPLIES									
479	PAPER	5003	2277		1426	851	83.3	62.6	565-	24.8-
	PRINTED FORMS	5005	500		347	153	83.3	69.4	83-	16.6-
	OTHER EXPENDABLE OFF.S	5010	3991		2258	1733	83.3	56.5	1,281-	32.0-
204-	MINOR OFFICE EQUIP/FUR	5020	4241		847	3394	83.3	19.9	3,224-	76.0-
	PHOTO SUPPLIES	5040	500			500	83.3		500-	100.0-
	SUBSCRIPTIONS,MAGS,MAP	5050	330		330		83.3	100.0	66	20.0
	BOOKS	5070	1000		75	925	83.3	7.5	910-	91.0-
	COMPUTER SUPPLIES	5080								
276	OFFICE SUPPLIES		12839		5284	7555	83.3	41.1	6,498-	50.6-
	OPERATING SUPPLIES									
	FOOD	5115								
737	GAS AND OIL	5250	7880		7491	389	83.3	95.0	1,109	14.0
	LUBRICANTS	5255								
	WEARING APPAREL	5355	2120	593	902	624	83.3	42.5	1,037-	48.9-
	MINOR EQUIPMENT	5460	100			100	83.3		100-	100.0-
	OTHER OPERATING MATL/S	5590								
737	OPERATING SUPPLIES		10100	593	8393	1114	83.3	83.0	28-	.2-
	REPAIR & MAINTENANCE SP									
	BUILDING MATERIALS & S	5600								
	PAINT AND PAINTING SPL	5650	3000		2060	940	83.3	68.6	528-	17.6-
79	MTR VEHICLE REP. PTS/S	5700	3900		3388	512	83.3	86.8	165	4.2
	COMMUNICATION REPAIR P	5750	100			100	83.3		100-	100.0-

79	REPAIR & MAINTENANCE	7000		5448	1552	83.3	77.8	462-	6.6-
1092	SUPPLIES AND EXPENSES	29939	593	19125	10221	83.3	63.8	6,989-	23.3-
	PROFESSIONAL SERVICES								
	DEMOLITION 6013	6300		6230	70	83.3	98.8	1,176	18.6
	ASBESTOS REMOVAL 6014	34100	2,250	23754	8096	83.3	69.6	5,595-	16.4-
	TITLE OPINIONS 6016	8450		5650	2800	83.3	66.8	1,670-	19.7-
	LOT CLEARING 6018	20500	750	15840	3910	83.3	77.2	1,492-	7.2-
	MEDICAL 6027								
2364	OTHER PROFESSIONAL SER 6049	7700		3840	3860	83.3	49.8	3,092-	40.1-
2364	PROFESSIONAL SERVICE	77050	3,000	55314	18736	83.3	71.7	10,673-	13.8-
	COMMUNICATIONS								
558	TELEPHONE AND TELEGRAP 6060	7600		1941	5659	83.3	25.5	5,270-	69.3-
	POSTAGE 6070								
558	COMMUNICATIONS	7600		1941	5659	83.3	25.5	5,270-	69.3-
	TRANSPORTATION								
1064-	TRAVEL EXPENSE 6110	13685	375	9000	4310	83.3	65.7	2,885-	21.0-
	FREIGHT 6120								
	MESSENGER/EXPRESS SERV 6130	300			300	83.3		300-	100.0-
1064-	TRANSPORTATION	13985	375	9000	4610	83.3	64.3	3,185-	22.7-
	ADVERTISING								
	ADVERTISING 6150								
	ADVERTISING								
	PRINTING AND BINDING								
35	PRINTING 6200	44900	45	41327	3528	83.3	92.0	4,692	10.4
	FILM PROCESSING 6240								
35	PRINTING AND BINDING	44900	45	41327	3528	83.3	92.0	4,692	10.4
	INSURANCE								
	AUTOMOBILE INSURANCE 6265								
	SURETY AND FORGERY BON 6270								
	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
21	OFFICE EQUIPMENT R&M 6365	600			600	83.3		600-	100.0-
	MOTOR VEHICLE EQ. R&M 6384	1500		561	939	83.3	37.4	826-	55.0-
	COMMUNICATION EQ. R&M 6390	750			750	83.3		750-	100.0-
	CLEANING AND PAINTING 6392								
	SIGN PAINTING 6396								
	TOW IN CHARGES 6398	250			250	83.3		250-	100.0-
21	REPR/MAINT-OUTSIDE L	3100		561	2539	83.3	18.0	2,426-	78.2-
	RENTALS								
264	OTHER RENT 6449	6730		5725	1005	83.3	85.0	140	2.0
264	RENTALS	6730		5725	1005	83.3	85.0	140	2.0
	OTHER SERVICES & CHARGE								

116	DUES AND MEMBERSHIPS	6840	2400	95	1270	1035	83.3	52.9	876-	36.5-
	REGISTRATION FEE/TUITI	6845	5430	134	3266	2030	83.3	60.1	1,510-	27.8-
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116	OTHER SERVICES & CHA		7830	229	4536	3065	83.3	57.9	2,386-	30.4-
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2295	OTHER SERVICES & CHAR		161195	3,649	118405	39141	83.3	73.4	19,109-	11.8-
	MACHINERY AND EQUIPMENT									
	OFFICE FURN/EQUIP.	7325								
	DATA PROCESSING EQUIP.	7327								
	COMMUNICATION EQUIPMEN	7355								
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	MACHINERY AND EQUIPM									
	VEHICLES									
	AUTOMOBILES	7400								
	PICK UP TRUCKS	7420								
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	VEHICLES									
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	CAPITAL OUTLAY									
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69971	EXPENDITURES		793597	4,242	590546	198809	83.3	74.4	84,941-	10.7-

001190 - GENERAL FUND-P/S CONTRAC.SER

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES							
4443	REGULAR WAGES 4000							
-----	OVERTIME 4300	160000	-----	99602	60398	83.3 62.2	40,477-	25.2-
4443	SALARIES	160000	-----	99602	60398	83.3 62.2	40,477-	25.2-
	EMPLOYEE BENEFITS							
	STATE RETIREMENT 4600	31500		14891	16610	83.3 47.2	13,630-	43.2-
	F.I.C.A. TAXES 4700	15300		6970	8330	83.3 45.5	6,936-	45.3-
-----	HOSPITALIZATION INS. 4800	15000	-----	10855	4145	83.3 72.3	1,974-	13.1-
	EMPLOYEE BENEFITS	61800	-----	32716	29084	83.3 52.9	22,540-	36.4-
4443	PERSONAL SERVICES	221800	-----	132318	89482	83.3 59.6	63,018-	28.4-
	PROFESSIONAL SERVICES							
21056	MEDICAL 6027	175000		129341	45659	83.3 73.9	19,790-	11.3-
-----	OTHER PROF.-JAIL DIV G 6048	117476	-----		117476	83.3	117,476-	100.0-
21056	PROFESSIONAL SERVICE	292476	-----	129341	163135	83.3 44.2	137,266-	46.9-
	OTHER SERVICES & CHARGE							
20	JAIL EXPENSE 6815	1025000		380340	644660	83.3 37.1	568,592-	55.4-
	DISTRICT ATT'Y SUBSIDY 6816							
	JAIL IMPR-CITY SHARE 6826							
	AMBULANCE SERV.CONTRIB 6860							
	EMERGENCY MGMT.CONTRIB 6865	101000		75750	25250	83.3 75.0	10,100-	10.0-
	USM CITIZEN CORPS COUN 6866							
	USM TITLE V CONTRACT 6867							
	JUVENILE ACCT.INCENTI 6868							
	METH GRANT CONTRACT 6869							
-----	SERVICES NOT SPECIFIED 6999		-----					
20	OTHER SERVICES & CHA	1126000	-----	456090	669910	83.3 40.5	578,692-	51.3-
21076	OTHER SERVICES & CHAR	1418476	-----	585431	833045	83.3 41.2	715,958-	50.4-
	VEHICLES							
-----	AUTOMOBILES 7400		-----					
-----	VEHICLES		-----					
-----	CAPITAL OUTLAY		-----					
25519	EXPENDITURES	1640276	-----	717749	922527	83.3 43.7	778,977-	47.4-

CITY OF HATTIESBURG

001191 - GENERAL FUND-TRAFFIC MAINT.

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
16963	REGULAR WAGES 4000	253326		174421	78905	83.3 68.8	44,020-	17.3-
	DISASTER RECOVERY WAGE 4010			6350	6350-		7,620	
1097	OVERTIME 4300	12000		12215	215-	83.3 101.7	2,658	22.1
	DISASTER RECOVERY OVER 4310			2499	2499-		2,998	
18060	SALARIES	265326		195485	69841	83.3 73.6	30,744-	11.5-
EMPLOYEE BENEFITS								
2845	STATE RETIREMENT 4600	41789		30789	11000	83.3 73.6	4,842-	11.5-
1324	F.I.C.A. TAXES 4700	20924		14482	6442	83.3 69.2	3,545-	16.9-
4000	HOSPITALIZATION INS. 4800	61000		48167	12833	83.3 78.9	3,199-	5.2-
	UNEMPLOYMENT BENEFITS 4900	500			500	83.3	500-	100.0-
26232	WORKMAN'S COMPENSATION 4910	13721		26232	12511-	83.3 191.1	17,757	129.4
34401	EMPLOYEE BENEFITS	137934		119670	18264	83.3 86.7	5,670	4.1
52461	PERSONAL SERVICES	403260		315154	88106	83.3 78.1	25,075-	6.2-
OFFICE SUPPLIES								
	PAPER 5003	300			300	83.3	300-	100.0-
	PRINTED FORMS 5005							
734	OTHER EXPENDABLE OFF.S 5010	2800	182	1904	714	83.3 68.0	515-	18.3-
	MINOR OFFICE EQUIP/FUR 5020	100		60	40	83.3 60.0	28-	28.0-
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070	500			500	83.3	500-	100.0-
	COMPUTER SUPPLIES 5080	600		184	416	83.3 30.6	379-	63.1-
734	OFFICE SUPPLIES	4300	182	2147	1971	83.3 49.9	1,723-	40.0-
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100	200			200	83.3	200-	100.0-
200	HOUSEHOLD SUPPLIES 5110	1500	119	986	395	83.3 65.7	316-	21.0-
	FOOD 5115							
	MEDICAL SUPPLIES 5120	50			50	83.3	50-	100.0-
	CHEMICALS 5130	600			600	83.3	600-	100.0-
681	GAS AND OIL 5250	17400		9413	7987	83.3 54.0	6,104-	35.0-
	LUBRICANTS 5255	100			100	83.3	100-	100.0-
154	DIESEL FUEL 5257	2000		1133	867	83.3 56.6	640-	32.0-
51	WEARING APPAREL 5355	1600		185	1415	83.3 11.5	1,378-	86.1-
	ASPHALT & ASPHALT PROD 5400							
	CONCRETE, CEMENT, ETC. 5405							
	SAND,CLAY,GRVL,FILL DI 5415							
	HORT./LANDSCAPING SPLY 5440							
	HAND TOOLS 5450	2520		1658	862	83.3 65.7	530-	21.0-

	MINOR EQUIPMENT	5460	6700		2135	4565	83.3	31.8	4,138-	61.7-
4224	TRAFFIC CONTROL EQ. SP	5540	51800	8,198	39854	3748	83.3	76.9	3,975-	7.6-
425	TRAFFIC SIGNS	5545	28000	7,735	18584	1681	83.3	66.3	5,699-	20.3-
	STREET MARKING SUPPLIE	5550	3000			3000	83.3		3,000-	100.0-
36	OTHER OPERATING MATL/S	5590	2100		2011	89	83.3	95.7	313	14.9
-----			-----	-----	-----	-----	-----	-----	-----	-----
5771	OPERATING SUPPLIES		117570	16,052	75959	25559	83.3	64.6	26,419-	22.4-
	REPAIR & MAINTENANCE SP									
39-	BUILDING MATERIALS & S	5600	2543		2428	115	83.3	95.4	370	14.5
	ELECTRICAL SUPPLIES	5605	3000		2003	997	83.3	66.7	596-	19.8-
	STRUCTURAL STEEL & IRO	5620	957			957	83.3		957-	100.0-
40	PAINT AND PAINTING SPL	5650	6612	965	3657	1990	83.3	55.3	2,223-	33.6-
108	MTR VEHICLE REP. PTS/S	5700	5029	146	4051	832	83.3	80.5	167-	3.3-
	COMMUNICATION REPAIR P	5750	1700		1619	81	83.3	95.2	242	14.2
38	OTHER REPAIR/MAINT. SP	5990	500		167	333	83.3	33.4	299-	59.8-
	DISASTER REPAIR SUPPLI	5995			4337	4337-			5,204	
-----			-----	-----	-----	-----	-----	-----	-----	-----
147	REPAIR & MAINTENANCE		20341	1,111	18262	968	83.3	89.7	1,573	7.7
-----			-----	-----	-----	-----	-----	-----	-----	-----
6652	SUPPLIES AND EXPENSES		142211	17,345	96368	28498	83.3	67.7	26,569-	18.6-
	PROFESSIONAL SERVICES									
	MEDICAL	6027								
-----			-----	-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE									
	COMMUNICATIONS									
70	TELEPHONE AND TELEGRAP	6060	1000		578	422	83.3	57.8	306-	30.6-
	POSTAGE	6070								
-----			-----	-----	-----	-----	-----	-----	-----	-----
70	COMMUNICATIONS		1000		578	422	83.3	57.8	306-	30.6-
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	800		38-	838	83.3	4.7	754-	94.2-
	FREIGHT	6120	785		767	18	83.3	97.7	135	17.1
	MESSENGER/EXPRESS SERV	6130								
-----			-----	-----	-----	-----	-----	-----	-----	-----
	TRANSPORTATION		1585		729	856	83.3	45.9	710-	44.7-
	ADVERTISING									
	ADVERTISING	6150								
-----			-----	-----	-----	-----	-----	-----	-----	-----
	ADVERTISING									
	INSURANCE									
	PUBLIC LIAB/PROPERTY D	6255								
	AUTOMOBILE INSURANCE	6265								
	SURETY AND FORGERY BON	6270								
-----			-----	-----	-----	-----	-----	-----	-----	-----
	INSURANCE									
	UTILITIES									
17	GAS	6300	2000		550	1450	83.3	27.5	1,340-	67.0-
1637	ELECTRICITY	6305	16000		11794	4206	83.3	73.7	1,847-	11.5-
	TRAFFIC LIGHT ELECTRIC	6310								
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1653	UTILITIES		18000		12344	5656	83.3	68.5	3,187-	17.7-

	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M	6350							
	DISASTER REPAIRS	6351							
	STREETS & STRUCTURES R	6360							
	OFFICE EQUIPMENT R&M	6365	440			440	83.3	440-	100.0-
	TRAFFIC CONTROL EQ. R&	6375	8000			8000	83.3	8,000-	100.0-
	FIXED EQUIPMENT R&M	6380							
	MINOR EQUIPMENT R&M	6382	150			150	83.3	150-	100.0-
	MOTOR VEHICLE EQ. R&M	6384	4150	2149		2001	83.3 51.7	1,571-	37.8-
	COMMUNICATION EQ. R&M	6390	825	450		375	83.3 54.5	285-	34.5-
45	DISINFECT./EXTERMINATI	6394	700	429		271	83.3 61.2	185-	26.4-
	SIGN PAINTING	6396							
	TOW IN CHARGES	6398	200			200	83.3	200-	100.0-
	OTHER REPAIRS AND MAIN	6399	1200	46		1154	83.3 3.8	1,144-	95.3-
45	REPR/MAINT-OUTSIDE L		15665	3074		12591	83.3 19.6	11,976-	76.4-
	RENTALS								
	MACHINERY RENT	6420							
	CYLINDER RENT	6425							
244	UNIFORM RENT	6430	3740	3348		392	83.3 89.5	277	7.4
	MOP-MAT-RAG RENT	6435	100	16		84	83.3 16.0	80-	80.0-
24	OTHER RENT	6449	300	254		46	83.3 84.6	4	1.3
268	RENTALS		4140	3617		523	83.3 87.3	200	4.8
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS	6840	600	460		140	83.3 76.6	48-	8.0-
	REGISTRATION FEE/TUITI	6845	1160	1075	13	73	83.3 92.6	130	11.2
	LAUNDRY	6850							
9	SERVICES NOT SPECIFIED	6999	5250	2554	9	2687	83.3 48.6	2,185-	41.6-
9	OTHER SERVICES & CHA		7010	4089	22	2900	83.3 58.3	2,103-	30.0-
2045	OTHER SERVICES & CHAR		47400	24430	22	22948	83.3 51.5	18,084-	38.1-
	BUILDING/BLD IMPROVEMEN								
	BUILDING IMPROVEMENTS	7150							
	RENOVATE WALNUT ST.BL	7150 22							
	TRAFFIC SHOP IMPROVEM	7150 32							
	BUILDING IMPROVEMEN								
	BUILDING/BLD IMPROVE								
	MACHINERY AND EQUIPMENT								
	HOUSEHOLD FURN/EQUIP.	7320							
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
	COMMUNICATION EQUIPMEN	7355							
	TRAFFIC CONTROL EQUIP.	7360							
	OTHER EQUIPMENT	7399							
	MACHINERY AND EQUIPM								
	VEHICLES								

	AUTOMOBILES	7400								
	PICK UP TRUCKS	7420								
	HEAVY TRUCKS	7430								
	SPECIAL TRUCKS	7450								
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	VEHICLES									
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	CAPITAL OUTLAY									
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61158	EXPENDITURES		592871	17,367	435953	139551	83.3	73.5	69,727-	11.7-

001201 - GENERAL FUND-STREET DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
82619	REGULAR WAGES 4000	1157403		857552	299851	83.3 74.0	128,340-	11.0-
	DISASTER RECOVERY WAGE 4010			35398	35398-		42,477	
1384	OVERTIME 4300	30000		34568	4568-	83.3 115.2	11,481	38.2
	DISASTER RECOVERY OVER 4310			25259	25259-		30,310	
84003	SALARIES	1187403		952778	234625	83.3 80.2	44,069-	3.7-
EMPLOYEE BENEFITS								
13230	STATE RETIREMENT 4600	187016		150062	36954	83.3 80.2	6,941-	3.7-
6272	F.I.C.A. TAXES 4700	94426		71218	23208	83.3 75.4	8,964-	9.4-
19250	HOSPITALIZATION INS. 4800	288800		230783	58017	83.3 79.9	11,860-	4.1-
245-	UNEMPLOYMENT BENEFITS 4900	2200		1863	337	83.3 84.6	35	1.5
139241	WORKMAN'S COMPENSATION 4910	72129		139241	67112-	83.3 193.0	94,960	131.6
177748	EMPLOYEE BENEFITS	644571		593168	51403	83.3 92.0	67,230	10.4
261751	PERSONAL SERVICES	1831974		1545945	286029	83.3 84.3	23,160	1.2
OFFICE SUPPLIES								
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	500		752	252-	83.3 150.4	402	80.4
	MINOR OFFICE EQUIP/FUR 5020	2500		2273	227	83.3 90.9	227	9.0
	SUBSCRIPTIONS, MAGS, MAP 5050							
	OFFICE SUPPLIES	3000		3025	25-	83.3 100.8	630	21.0
OPERATING SUPPLIES								
294	CLEANING/JANITORIAL SP 5100	3072	403	2663	6	83.3 86.6	123	4.0
	HOUSEHOLD SUPPLIES 5110	2000		397	1603	83.3 19.8	1,523-	76.1-
	FOOD 5115							
	MEDICAL SUPPLIES 5120							
435	CHEMICALS 5130	31500	15,090	12413	3997	83.3 39.4	16,604-	52.7-
1679	GAS AND OIL 5250	35000	1,086	17841	16073	83.3 50.9	13,590-	38.8-
	LUBRICANTS 5255	1900		362	1538	83.3 19.0	1,465-	77.1-
5510	DIESEL FUEL 5257	55200		51271	3929	83.3 92.8	6,325	11.4
	WEARING APPAREL 5355	3700		3177	523	83.3 85.8	112	3.0
13898	ASPHALT & ASPHALT PROD 5400	22000		14496	7504	83.3 65.8	4,604-	20.9-
275	CONCRETE, CEMENT, ETC. 5405	52200	5,133	26019	21047	83.3 49.8	20,977-	40.1-
	BRICK, STONE, MORTAR, ETC 5410	17000	7,164	9615	221	83.3 56.5	5,462-	32.1-
7268	SAND, CLAY, GRVL, FILL DI 5415	27900		26693	1207	83.3 95.6	4,131	14.8
	DRAINAGE PIPE & CULVER 5420	31500		20351	11149	83.3 64.6	7,078-	22.4-
260	HORT./LANDSCAPING SPLY 5440	3000	130	1078	1792	83.3 35.9	1,706-	56.8-
984	HAND TOOLS 5450	3000		2594	406	83.3 86.4	112	3.7
2700	MINOR EQUIPMENT 5460	13500	227	13079	195	83.3 96.8	2,194	16.2

3254	STREET MARKING SUPPLIE 5550								
	OTHER OPERATING MATL/S 5590	18600	1,267	15827	1506	83.3	85.0	392	2.1
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36556	OPERATING SUPPLIES	321072	30,500	217876	72696	83.3	67.8	59,620-	18.5-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	10000		2602	7398	83.3	26.0	6,877-	68.7-
	ELECTRICAL SUPPLIES 5605	5000		11	4989	83.3	.2	4,986-	99.7-
79	PLUMBING SUPPLIES 5610	1900		124	1776	83.3	6.5	1,751-	92.1-
	STRUCTURAL STEEL & IRO 5620	4500		1836	2665	83.3	40.8	2,296-	51.0-
	PAINT AND PAINTING SPL 5650	3400		60	3340	83.3	1.7	3,328-	97.8-
37722	MTR VEHICLE REP. PTS/S 5700	129491	958	123647	4886	83.3	95.4	18,885	14.5
	COMMUNICATION REPAIR P 5750	1000			1000	83.3		1,000-	100.0-
	AGRICLTRL REPAIR PTS/S 5755	1400		83	1317	83.3	5.9	1,300-	92.8-
3	OTHER REPAIR/MAINT. SP 5990	634	540	3	90	83.3	.4	630-	99.3-
	DISASTER REPAIR SUPPLI 5995	85937	15,813	85937	15812-	83.3	100.0	17,187	19.9
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37804	REPAIR & MAINTENANCE	243262	17,311	214302	11649	83.3	88.0	13,900	5.7
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74360	SUPPLIES AND EXPENSES	567334	47,811	435203	84320	83.3	76.7	45,090-	7.9-
	PROFESSIONAL SERVICES								
	LOT CLEARING 6018								
	MEDICAL 6027								
502	OTHER PROFESSIONAL SER 6049	23300		5421	17879	83.3	23.2	16,794-	72.0-
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502	PROFESSIONAL SERVICE	23300		5421	17879	83.3	23.2	16,794-	72.0-
	TRANSPORTATION								
	TRAVEL EXPENSE 6110	2600		209	2391	83.3	8.0	2,349-	90.3-
13	FREIGHT 6120	1100		1023	77	83.3	93.0	127	11.5
	MESSENGER/EXPRESS SERV 6130								
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13	TRANSPORTATION	3700		1231	2469	83.3	33.2	2,222-	60.0-
	ADVERTISING								
	ADVERTISING 6150								
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	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING 6200								
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	PRINTING AND BINDING								
	INSURANCE								
	PUBLIC LIAB/PROPERTY D 6255								
	AUTOMOBILE INSURANCE 6265								
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	INSURANCE								
	UTILITIES								
	ELECTRICITY 6305								
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	UTILITIES								
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350								
	DISASTER REPAIRS 6351	375368		702351	326983-	83.3	187.1	467,453	124.5

	ELECTRICAL R&M	6355							
	PLUMBING EQUIPMENT R&M	6357							
	STREETS & STRUCTURES R	6360	20055		1451-	21506	83.3	7.2	18,313- 91.3-
	MISC PAVING	6360 01							
	VENETIAN WAY AREA	6360 02							
	S 27TH/O'FERRELL AREA	6360 03							
	W 4TH-COLUMBIA ST ARE	6360 04							
	MCINNIS LOOP/CAMBRIDG	6360 05							
	DABBS ST/MLK AREA	6360 06							
	S 40TH/BONHOMIE	6360 07							
	STANLEY/HWY 42 AREA	6360 08							
	PINE HILLS/SANDLEWOOD	6360 09							
	N 35TH/USM AREA	6360 10							
	S 36TH/MAMIE ST AREA	6360 11							
	S 34TH/MANDALAY AREA	6360 12							
	S H'BURG/S CHANCELLOR	6360 13							
	BROAD ST/CAPITAL ST A	6360 14							
	MOBILE/BOUIE ST AREA	6360 15							
	CHALMETTE/WINDGATE	6360 16							
	HONEYSUCKLE/DOGWOOD	6360 17							
	ADELINE/S 16TH AREA	6360 18							
	DUMAS/FLORENCE ST ARE	6360 19							
	S 16TH/CORRINE ST ARE	6360 20							
	ACADEMY DR-BLC AIRPOR	6360 21							
	COTTAGES AT TURTLE CR	6360 22							
	CLASSIC DR/J ED TURNE	6360 23							
	E 5TH ST/E 6TH ST ARE	6360 24							
	HALL/ELIZABETH AVE	6360 25							
	MANDALAY/HILLENDAL	6360 26							
	ARLINGTON LOOP/S 34TH	6360 27							
	N. 31st Ave/HILLSIDE	6360 28							
	DWNTWN AREA VAR STS &	6360 29							
42865-	LONG RANGE PAVING PLA	6360 99	583305	169,415	409279	4610	83.3	70.1	92,170- 15.8-
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42865-	STREETS & STRUCTURE		603360	169,415	407829	26116	83.3	67.5	113,965- 18.8-
	FIXED EQUIPMENT R&M	6380							
	MINOR EQUIPMENT R&M	6382	1000			1000	83.3		1,000- 100.0-
5004	MOTOR VEHICLE EQ. R&M	6384	80300		37390	42910	83.3	46.5	35,432- 44.1-
	AGRICULTURAL EQ. R&M	6387							
	COMMUNICATION EQ. R&M	6390							
	SIGN PAINTING	6396							
65	TOW IN CHARGES	6398	1200	65	830	305	83.3	69.1	204- 17.0-
870	OTHER REPAIRS AND MAIN	6399	9000		8798	202	83.3	97.7	1,557 17.3
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36926-	REPR/MAINT-OUTSIDE L		1070228	169,480	1157198	256450-	83.3	108.1	318,409 29.7
	RENTALS								
	AUTOMOTIVE EQ. RENT	6415							
	MACHINERY RENT	6420	20900			20900	83.3		20,900- 100.0-
335	UNIFORM RENT	6430	8200		6591	1609	83.3	80.3	290- 3.5-
600	OTHER RENT	6449	1200		1157	43	83.3	96.4	188 15.6
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936	RENTALS		30300		7748	22552	83.3	25.5	21,002- 69.3-

	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS 6840	250		240	10	83.3	96.0	38	15.2
	REGISTRATION FEE/TUITI 6845	2750		870	1880	83.3	31.6	1,706-	62.0-
32000	SERVICES NOT SPECIFIED 6999	18500		32554	14054-	83.3	175.9	20,564	111.1
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32000	OTHER SERVICES & CHA	21500		33664	12164-	83.3	156.5	18,896	87.8
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3475-	OTHER SERVICES & CHAR	1149028	169,480	1205262	225715-	83.3	104.8	297,286	25.8
	IMPROVEMENT OTHER THAN								
	BRIDGES 7210								
	SEWERS 7220								
	IND.PARK WTR/SWR IMPR 7220 03								
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	SEWERS								
	B/WAY, E. HARDY-SBA 7223								
	KAB/LANDSCAPING 7226								
	STREETS & ROADWAYS 7230								
	INDUSTRIAL PARK ROADS 7230 02								
	W.4TH-HWY 49 TO 38TH 7230 15								
	HARDY ST-MCLEOD TO 25 7230 16								
	OTHER STREET IMPR. 7230 99								
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	STREETS & ROADWAYS								
	OTHER IMPROVEMENTS 7295								
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	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	HOUSEHOLD FURN/EQUIP. 7320								
	CONSTRUCTION EQUIPMENT 7345								
	COMMUNICATION EQUIPMEN 7355								
	PIPE 7370								
	OTHER EQUIPMENT 7399	45000			45000	83.3		45,000-	100.0-
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	MACHINERY AND EQUIPM	45000			45000	83.3		45,000-	100.0-
	VEHICLES								
	AUTOMOBILES 7400								
	PICK UP TRUCKS 7420								
	HEAVY TRUCKS 7430								
	DUMP TRUCKS 7440								
	SPECIAL TRUCKS 7450	173580	52,146	18580-	140014	83.3	10.7	151,284-	87.1-
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	VEHICLES	173580	52,146	18580-	140014	83.3	10.7	151,284-	87.1-
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	CAPITAL OUTLAY	218580	52,146	18580-	185014	83.3	8.5	196,284-	89.7-
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332637	EXPENDITURES	3766916	269,437	3167831	329648	83.3	84.0	34,481	.9

001202 - GENERAL FUND-STREET LIGHTS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	UTILITIES								
90393	ELECTRICITY	6305	1170000		915973	254027	83.3 78.2	70,832-	6.0-
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90393	UTILITIES		1170000		915973	254027	83.3 78.2	70,832-	6.0-
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90393	OTHER SERVICES & CHAR		1170000		915973	254027	83.3 78.2	70,832-	6.0-
	IMPROVEMENT OTHER THAN STREET LIGHTING	7235							
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	IMPROVEMENT OTHER TH								
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	CAPITAL OUTLAY								
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90393	EXPENDITURES		1170000		915973	254027	83.3 78.2	70,832-	6.0-

001203 - GENERAL FUND-ENGR/PUBLIC SER

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
15869	REGULAR WAGES 4000	270035		184585	85450	83.3 68.3	48,533-	17.9-
	DISASTER RECOVERY WAGE 4010			871	871-		1,045	
	OVERTIME 4300	500		704	204-	83.3 140.8	344	68.8
	DISASTER RECOVERY OVER 4310			875	875-		1,050	
15869	SALARIES	270535		187035	83500	83.3 69.1	46,093-	17.0-
EMPLOYEE BENEFITS								
2499	STATE RETIREMENT 4600	42609		29458	13151	83.3 69.1	7,259-	17.0-
1153	F.I.C.A. TAXES 4700	20696		14218	6478	83.3 68.6	3,634-	17.5-
1500	HOSPITALIZATION INS. 4800	46200		34300	11900	83.3 74.2	5,040-	10.9-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	83.3	500-	100.0-
17115	WORKMAN'S COMPENSATION 4910	8952		17115	8163-	83.3 191.1	11,586	129.4
22267	EMPLOYEE BENEFITS	118957		95090	23867	83.3 79.9	4,849-	4.0-
38136	PERSONAL SERVICES	389492		282125	107367	83.3 72.4	50,942-	13.0-
OFFICE SUPPLIES								
	PAPER 5003	400		320	80	83.3 80.0	16-	4.0-
	PRINTED FORMS 5005							
125-	OTHER EXPENDABLE OFF.S 5010	1515	258	878	379	83.3 57.9	461-	30.4-
	MINOR OFFICE EQUIP/FUR 5020	350	349		1	83.3	350-	100.0-
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050	208		162	46	83.3 77.8	13-	6.2-
	MAPS FOR RESALE 5060							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080	3385		3363	22	83.3 99.3	650	19.2
125-	OFFICE SUPPLIES	5858	607	4722	529	83.3 80.6	191-	3.2-
OPERATING SUPPLIES								
	FOOD 5115							
	MEDICAL SUPPLIES 5120	300			300	83.3	300-	100.0-
141	GAS AND OIL 5250	2400		1391	1009	83.3 57.9	730-	30.4-
	LUBRICANTS 5255							
	WEARING APPAREL 5355	50			50	83.3	50-	100.0-
	HORT./LANDSCAPING SPLY 5440							
	MINOR EQUIPMENT 5460							
	OTHER OPERATING MATL/S 5590	160	42		118	83.3	160-	100.0-
141	OPERATING SUPPLIES	2910	42	1391	1477	83.3 47.8	1,240-	42.6-
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	750			750	83.3	750-	100.0-
	ELECTRICAL SUPPLIES 5605	100			100	83.3	100-	100.0-

167	PAINT AND PAINTING SPL	5650							
	MTR VEHICLE REP. PTS/S	5700	1250		731	519	83.3	58.4	372-
	COMMUNICATION REPAIR P	5750	100			100	83.3		100-
	OTHER REPAIR/MAINT. SP	5990	57		97	40-	83.3	170.1	59
	DISASTER REPAIR SUPPLI	5995							103.5
167	REPAIR & MAINTENANCE		2257		828	1429	83.3	36.6	1,263-
182	SUPPLIES AND EXPENSES		11025	649	6941	3435	83.3	62.9	2,695-
	PROFESSIONAL SERVICES								
21618	ENGINEERING	6015	182092		180882	1210	83.3	99.3	34,966
1225	CONSULTANT SERV/SURVEY	6020	1908		1908	1	83.3	100.0	381
	ABSTRACTING & RECORDIN	6023							
	OTHER PROFESSIONAL SER	6049	89500		202004	112504-	83.3	225.7	152,904
22843	PROFESSIONAL SERVICE		273500		384794	111294-	83.3	140.6	188,252
	COMMUNICATIONS								
160	TELEPHONE AND TELEGRAP	6060	1070		1060	10	83.3	99.0	202
114	POSTAGE	6070	4000	2,967	764	269	83.3	19.1	3,083-
274	COMMUNICATIONS		5070	2,967	1824	280	83.3	35.9	2,881-
	TRANSPORTATION								
559	TRAVEL EXPENSE	6110	4000	486	1931	1583	83.3	48.2	1,682-
	FREIGHT	6120	530		39-	569	83.3	7.3	483-
	MESSENGER/EXPRESS SERV	6130							91.1-
559	TRANSPORTATION		4530	486	1892	2152	83.3	41.7	2,259-
	ADVERTISING								
	ADVERTISING	6150							
	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING	6200							
	BLUELINES	6210							
	FILM PROCESSING	6240							
	PRINTING AND BINDING								
	INSURANCE								
	AUTOMOBILE INSURANCE	6265							
	SURETY AND FORGERY BON	6270							
	INSURANCE								
	UTILITIES								
13	GAS	6300	1800		567	1233	83.3	31.5	1,119-
496	ELECTRICITY	6305	4000		3233	767	83.3	80.8	120-
510	UTILITIES		5800		3800	2000	83.3	65.5	1,240-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M	6350	4000			4000	83.3		4,000-
134192	DISASTER REPAIRS	6351	1695843		2580080	884237-	83.3	152.1	1,400,253
	STREETS & STRUCTURES R	6360							82.5

	OFFICE EQUIPMENT R&M	6365	1000		1000	83.3		1,000-	100.0-
	MINOR EQUIPMENT R&M	6382							
	MOTOR VEHICLE EQ. R&M	6384	1000		1000	83.3		1,000-	100.0-
	COMMUNICATION EQ. R&M	6390							
55	DISINFECT./EXTERMINATI	6394	700	550	150	83.3	78.5	40-	5.7-
	TOW IN CHARGES	6398							
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134247	REPR/MAINT-OUTSIDE L		1702543		2580630	878087-	83.3 151.5	1,394,213	81.8
	RENTALS								
318	OFFICE EQUIPMENT RENT	6410	4015		3610	405	83.3 89.9	317	7.8
	UNIFORM RENT	6430	400			400	83.3	400-	100.0-
	OTHER RENT	6449							
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318	RENTALS		4415		3610	805	83.3 81.7	83-	1.8-
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS	6840	359		359		83.3 100.0	71	19.7
	REGISTRATION FEE/TUITI	6845	2870		625	2245	83.3 21.7	2,120-	73.8-
	SERVICES NOT SPECIFIED	6999	130		55	75	83.3 42.3	64-	49.2-
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	OTHER SERVICES & CHA		3359		1039	2320	83.3 30.9	2,112-	62.8-
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158751	OTHER SERVICES & CHAR		1999217	3,453	2977588	981824-	83.3 148.9	1,573,888	78.7
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	LAND								
	EASEMENTS	7010							
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	LAND								
	MACHINERY AND EQUIPMENT								
	ENGINEERING	7305							
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
	COMMUNICATION EQUIPMEN	7355							
	EMERGENCY GENERATORS	7362							
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	MACHINERY AND EQUIPM								
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
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	VEHICLES								
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	CAPITAL OUTLAY								
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197069	EXPENDITURES		2399734	4,102	3266654	871022-	83.3 136.1	1,520,250	63.3

001204 - GENERAL FUND-SHOP DIVISION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
25843	REGULAR WAGES 4000	332427		255180	77247	83.3 76.7	26,211-	7.8-
	DISASTER RECOVERY WAGE 4010			4770	4770-		5,724	
595	OVERTIME 4300	15000		13481	1519	83.3 89.8	1,177	7.8
	DISASTER RECOVERY OVER 4310			2020	2020-		2,424	
26438	SALARIES	347427		275450	71977	83.3 79.2	16,887-	4.8-
EMPLOYEE BENEFITS								
4164	STATE RETIREMENT 4600	54720		43383	11337	83.3 79.2	2,660-	4.8-
1956	F.I.C.A. TAXES 4700	26578		20439	6139	83.3 76.9	2,051-	7.7-
6000	HOSPITALIZATION INS. 4800	79200		64800	14400	83.3 81.8	1,440-	1.8-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	83.3	500-	100.0-
19256	WORKMAN'S COMPENSATION 4910	10072		19256	9184-	83.3 191.1	13,035	129.4
31376	EMPLOYEE BENEFITS	171070		147879	23191	83.3 86.4	6,384	3.7
57814	PERSONAL SERVICES	518497		423329	95168	83.3 81.6	10,502-	2.0-
OFFICE SUPPLIES								
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010							
	MINOR OFFICE EQUIP/FUR 5020							
OFFICE SUPPLIES								
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100							
	HOUSEHOLD SUPPLIES 5110							
	FOOD 5115							
	MEDICAL SUPPLIES 5120							
114	CHEMICALS 5130	13500		13015	485	83.3 96.4	2,118	15.6
148	GAS AND OIL 5250	10000		9285	715	83.3 92.8	1,142	11.4
	LUBRICANTS 5255							
89	DIESEL FUEL 5257	3000		959	2041	83.3 31.9	1,849-	61.6-
	WEARING APPAREL 5355							
	HAND TOOLS 5450	1000			1000	83.3	1,000-	100.0-
	MINOR EQUIPMENT 5460	1500			1500	83.3	1,500-	100.0-
41	OTHER OPERATING MATL/S 5590	1000		997	3	83.3 99.7	196	19.6
392	OPERATING SUPPLIES	30000		24256	5744	83.3 80.8	892-	2.9-
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	800		252	548	83.3 31.5	497-	62.1-
	ELECTRICAL SUPPLIES 5605	800			800	83.3	800-	100.0-
	PLUMBING SUPPLIES 5610	300			300	83.3	300-	100.0-

2242	OTHER SERVICES & CHAR	44000	28064	15936	83.3	63.7	10,323-	23.4-
	BUILDING/BLD IMPROVEMEN							
	BUILDINGS 7100							
	PUBLIC WORKS SHOP BLD 7100 05							
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	BUILDINGS							
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	BUILDING/BLD IMPROVE							
	IMPROVEMENT OTHER THAN							
	OTHER IMPROVEMENTS 7295							
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	IMPROVEMENT OTHER TH							
	MACHINERY AND EQUIPMENT							
	HOUSEHOLD FURN/EQUIP. 7320							
	PLANT EQUIPMENT 7340							
	OTHER EQUIPMENT 7399							
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	MACHINERY AND EQUIPM							
	VEHICLES							
	AUTOMOBILES 7400							
	PICK UP TRUCKS 7420							
	SPECIAL TRUCKS 7450							
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	VEHICLES							
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	CAPITAL OUTLAY							
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62552	EXPENDITURES	608342	488571	119771	83.3	80.3	22,056-	3.6-

001205 - GENERAL FUND-G O & F S DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
12513	REGULAR WAGES 4000	181440		123592	57848	83.3 68.1	33,129-	18.2-
	DISASTER RECOVERY WAGE 4010			4732	4732-		5,678	
116	OVERTIME 4300	2500		5124	2624-	83.3 204.9	3,648	145.9
	DISASTER RECOVERY OVER 4310			3145	3145-		3,774	
12630	SALARIES	183940		136592	47348	83.3 74.2	20,029-	10.8-
EMPLOYEE BENEFITS								
1989	STATE RETIREMENT 4600	28971		21513	7458	83.3 74.2	3,155-	10.8-
930	F.I.C.A. TAXES 4700	14071		10107	3964	83.3 71.8	1,942-	13.8-
3000	HOSPITALIZATION INS. 4800	46200		36800	9400	83.3 79.6	2,040-	4.4-
	UNEMPLOYMENT BENEFITS 4900	500			500	83.3	500-	100.0-
3292	WORKMAN'S COMPENSATION 4910	1722		3292	1570-	83.3 191.1	2,228	129.3
9211	EMPLOYEE BENEFITS	91464		71712	19752	83.3 78.4	5,409-	5.9-
21841	PERSONAL SERVICES	275404		208304	67100	83.3 75.6	25,439-	9.2-
OFFICE SUPPLIES								
	PAPER 5003							
	PRINTED FORMS 5005							
597	OTHER EXPENDABLE OFF.S 5010	2400		2152	248	83.3 89.6	182	7.5
	MINOR OFFICE EQUIP/FUR 5020	600	33	400	167	83.3 66.6	120-	20.0-
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080							
597	OFFICE SUPPLIES	3000	33	2552	415	83.3 85.0	62	2.0
OPERATING SUPPLIES								
610	CLEANING/JANITORIAL SP 5100	2450		1868	582	83.3 76.2	208-	8.4-
	HOUSEHOLD SUPPLIES 5110	400			400	83.3	400-	100.0-
	MEDICAL SUPPLIES 5120	300			300	83.3	300-	100.0-
	CHEMICALS 5130							
	DIESEL FUEL-GENERATORS 5257	1800		279	1521	83.3 15.5	1,465-	81.3-
	WEARING APPAREL 5355							
	HAND TOOLS 5450							
	MINOR EQUIPMENT 5460							
	OTHER OPERATING MATL/S 5590	500		429	71	83.3 85.8	14	2.8
610	OPERATING SUPPLIES	5450		2576	2874	83.3 47.2	2,358-	43.2-
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	500		46	454	83.3 9.2	444-	88.8-
	ELECTRICAL SUPPLIES 5605	550			550	83.3	550-	100.0-
	PLUMBING SUPPLIES 5610	100		45	55	83.3 45.0	46-	46.0-

	PAINT AND PAINTING SPL 5650	500		500	83.3		500-	100.0-
	COMMUNICATION REPAIR P 5750							
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	REPAIR & MAINTENANCE	1650		91	1559	83.3 5.5	1,540-	93.3-
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1207	SUPPLIES AND EXPENSES	10100	33	5219	4848	83.3 51.6	3,837-	37.9-
	PROFESSIONAL SERVICES							
	OTHER PROFESSIONAL SER 6049	6650		6469	181	83.3 97.2	1,112	16.7
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	PROFESSIONAL SERVICE	6650		6469	181	83.3 97.2	1,112	16.7
	COMMUNICATIONS							
482	TELEPHONE AND TELEGRAP 6060	5000		4068	932	83.3 81.3	118-	2.3-
	POSTAGE 6070							
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482	COMMUNICATIONS	5000		4068	932	83.3 81.3	118-	2.3-
	TRANSPORTATION							
	FREIGHT 6120							
	MESSENGER/EXPRESS SERV 6130							
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	TRANSPORTATION							
	UTILITIES							
60	ELECTRICITY 6305	800		602	198	83.3 75.2	77-	9.6-
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60	UTILITIES	800		602	198	83.3 75.2	77-	9.6-
	REPR/MAINT-OUTSIDE LABO							
	DISASTER REPAIRS 6351		14,755		14755-			
	OFFICE EQUIPMENT R&M 6365							
	HOUSEHOLD EQUIPMENT R& 6370							
	FIXED EQUIPMENT R&M 6380							
	MINOR EQUIPMENT R&M 6382							
	COMMUNICATION EQ. R&M 6390							
220	DISINFECT./EXTERMINATI 6394	1500		880	620	83.3 58.6	444-	29.6-
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220	REPR/MAINT-OUTSIDE L	1500	14,755	880	14135-	83.3 58.6	444-	29.6-
	RENTALS							
	OFFICE EQUIPMENT RENT 6410							
	UNIFORM RENT 6430	650			650	83.3	650-	100.0-
96	MOP-MAT-RAG RENT 6435	1900		1061	839	83.3 55.8	626-	32.9-
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96	RENTALS	2550		1061	1489	83.3 41.6	1,276-	50.0-
	OTHER SERVICES & CHARGE							
	REGISTRATION FEE/TUITI 6845							
	LAUNDRY 6850							
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	OTHER SERVICES & CHA							
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858	OTHER SERVICES & CHAR	16500	14,755	13080	11335-	83.3 79.2	804-	4.8-
	BUILDING/BLD IMPROVEMEN							
	BUILDINGS 7100							
	PUB.SERV./SANITA.BLDG 7100 18							

-----	BUILDINGS	-----	-----	-----	-----	-----	-----	-----
	BUILDING IMPROVEMENTS 7150							
	AUTOMATED FUEL CTR-BA 7150 03							
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	BUILDING IMPROVEMEN							
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	BUILDING/BLD IMPROVE							
	MACHINERY AND EQUIPMENT							
	HOUSEHOLD FURN/EQUIP. 7320							
	OFFICE FURN/EQUIP. 7325							
	DATA PROCESSING EQUIP. 7327							
	FUEL FAC.SOFTWARE/EQ 7328							
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	MACHINERY AND EQUIPM							
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	CAPITAL OUTLAY							
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23905	EXPENDITURES	302004	14,788	226603	60613	83.3	75.0	30,080- 9.9-

001206 - GENERAL FUND-DRAINAGE DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
8151	REGULAR WAGES 4000	105582		79685	25897	83.3 75.4	9,960-	9.4-
	DISASTER RECOVERY WAGE 4010			464	464-		556	
23	OVERTIME 4300	3000		996	2004	83.3 33.2	1,804-	60.1-
	DISASTER RECOVERY OVER 4310			30	30-		36	
8174	SALARIES	108582		81174	27408	83.3 74.7	11,173-	10.2-
EMPLOYEE BENEFITS								
1287	STATE RETIREMENT 4600	17102		12785	4317	83.3 74.7	1,760-	10.2-
624	F.I.C.A. TAXES 4700	9936		6171	3766	83.3 62.1	2,530-	25.4-
2000	HOSPITALIZATION INS. 4800	26400		21100	5300	83.3 79.9	1,080-	4.0-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	83.3	500-	100.0-
14114	WORKMAN'S COMPENSATION 4910	7382		14114	6732-	83.3 191.1	9,554	129.4
18025	EMPLOYEE BENEFITS	61320		54170	7150	83.3 88.3	3,684	6.0
26199	PERSONAL SERVICES	169902		135344	34558	83.3 79.6	7,489-	4.4-
OPERATING SUPPLIES								
	CHEMICALS 5130	2000			2000	83.3	2,000-	100.0-
382	GAS AND OIL 5250	5000		2696	2304	83.3 53.9	1,764-	35.2-
	LUBRICANTS 5255							
	DIESEL FUEL 5257	500			500	83.3	500-	100.0-
	WEARING APPAREL 5355	1465	760	702	3	83.3 47.9	622-	42.4-
480	CONCRETE, CEMENT, ETC. 5405	22035		17705	4330	83.3 80.3	789-	3.5-
	BRICK, STONE, MORTAR, ETC 5410	2000			2000	83.3	2,000-	100.0-
	SAND, CLAY, GRVL, FILL DI 5415	2500			2500	83.3	2,500-	100.0-
2870-	DRAINAGE PIPE & CULVER 5420	24000		19218	4782	83.3 80.0	938-	3.9-
	HORT./LANDSCAPING SPLY 5440							
88	HAND TOOLS 5450	1000		88	912	83.3 8.8	894-	89.4-
	MINOR EQUIPMENT 5460	1400		655	745	83.3 46.7	614-	43.8-
	OTHER OPERATING MATL/S 5590	1200	8	427	765	83.3 35.5	687-	57.2-
	OTHER OPER. MATL-BROWNS 5591							
1920-	OPERATING SUPPLIES	63100	768	41492	20841	83.3 65.7	13,309-	21.0-
REPAIR & MAINTENANCE SP								
	STRUCTURAL STEEL & IRO 5620							
400	MTR VEHICLE REP. PTS/S 5700	700		400	300	83.3 57.1	220-	31.4-
	COMMUNICATION REPAIR P 5750							
400	REPAIR & MAINTENANCE	700		400	300	83.3 57.1	220-	31.4-
1519-	SUPPLIES AND EXPENSES	63800	768	41892	21140	83.3 65.6	13,529-	21.2-

	PROFESSIONAL SERVICES									
	CONSULTANT SERV-BROWNS	6020								
	OTHER PROFESSIONAL SER	6049	44703		44702	1	83.3	99.9	8,939	19.9
	PROFESSIONAL SERVICE		44703		44702	1	83.3	99.9	8,939	19.9
	TRANSPORTATION									
	TRVL EXP-BROWNSFIELD P	6116								
	FREIGHT	6120								
	TRANSPORTATION									
	ADVERTISING									
	ADVERTISING	6150								
	ADVERTISING									
	INSURANCE									
	AUTOMOBILE INSURANCE	6265								
	INSURANCE									
	UTILITIES									
	ELECTRICITY	6305								
	UTILITIES									
	REPR/MAINT-OUTSIDE LABO									
17243	STREETS & STRUCTURES R	6360	180597		166830	13767	83.3	92.3	19,599	10.8
90	MOTOR VEHICLE EQ. R&M	6384	5000		846	4154	83.3	16.9	3,984	79.6
	COMMUNICATION EQ. R&M	6390								
350	TOW IN CHARGES	6398	700		600	100	83.3	85.7	20	2.8
17683	REPR/MAINT-OUTSIDE L		186297		168276	18021	83.3	90.3	15,634	8.3
	RENTALS									
	MACHINERY RENT	6420								
	UNIFORM RENT	6430	300			300	83.3		300	100.0
	RENTALS		300			300	83.3		300	100.0
	OTHER SERVICES & CHARGE									
	SERVICES NOT SPECIFIED	6999								
	OTHER SERVICES & CHA									
17683	OTHER SERVICES & CHAR		231300		212979	18321	83.3	92.0	24,274	10.4
	LAND									
	LAND	7000								
	EASEMENTS	7010								
	LAND									
	IMPROVEMENT OTHER THAN									
	DRAINS	7215								
	NRCS EROSION CONTROL	7215 01								
	DRAINS									
	OTHER IMPROVEMENTS	7295								

MISC. PROJECTS	7296							
ENVIRON PROJ-KERR MAG	7296 01							
ENVIRON PROJ-MS TANK	7296 02							
NCBM-BROWNFIELDS STUD	7296 03							
ENVIRON PROJ-BROWNSFI	7296 04							
DEQ-CREEK BANK-RIVER	7296 05							
CREEK - LILLIE BURNEY	7296 06							
CREEK - DEPOT BAKERY	7296 07							
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MISC. PROJECTS								
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IMPROVEMENT OTHER TH								
MACHINERY AND EQUIPMENT								
DP EQUIP-BROWNSFIELD P	7324							
CONSTRUCTION EQUIPMENT	7345							
PIPE	7370							
OTHER EQUIPMENT	7399							
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MACHINERY AND EQUIPM								
VEHICLES								
PICK UP TRUCKS	7420							
DUMP TRUCKS	7440							
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VEHICLES								
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CAPITAL OUTLAY								
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42362 EXPENDITURES		465002	768	390215	74020	83.3	83.9	3,256 .7

001207 - GENERAL FUND-CONSTRUCTION

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
35631	REGULAR WAGES 4000	433064		365359	67705	83.3 84.3	5,366	1.2
	DISASTER RECOVERY WAGE 4010			6299	6299-		7,558	
577	OVERTIME 4300	8000		11423	3423-	83.3 142.7	5,707	71.3
	DISASTER RECOVERY OVER 4310			1804	1804-		2,164	
36209	SALARIES	441064		384885	56179	83.3 87.2	20,798	4.7
EMPLOYEE BENEFITS								
5703	STATE RETIREMENT 4600	69468		60619	8849	83.3 87.2	3,274	4.7
2652	F.I.C.A. TAXES 4700	35492		28355	7137	83.3 79.8	1,466-	4.1-
7500	HOSPITALIZATION INS. 4800	105600		85405	20195	83.3 80.8	3,114-	2.9-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	83.3	500-	100.0-
83255	WORKMAN'S COMPENSATION 4910	43547		83255	39708-	83.3 191.1	56,359	129.4
99110	EMPLOYEE BENEFITS	254607		257635	3028-	83.3 101.1	54,555	21.4
135318	PERSONAL SERVICES	695671		642520	53151	83.3 92.3	75,353	10.8
OFFICE SUPPLIES								
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010							
	MINOR OFFICE EQUIP/FUR 5020	3400		200	3200	83.3 5.8	3,160-	92.9-
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070	150			150	83.3	150-	100.0-
	OFFICE SUPPLIES	3550		200	3350	83.3 5.6	3,310-	93.2-
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100							
	CHEMICALS 5130							
1675	GAS AND OIL 5250	23150		15661	7489	83.3 67.6	4,356-	18.8-
	LUBRICANTS 5255	400			400	83.3	400-	100.0-
	DIESEL FUEL 5257	1200		267	933	83.3 22.2	879-	73.2-
	WEARING APPAREL 5355	750		144	606	83.3 19.2	577-	76.9-
	CONCRETE, CEMENT, ETC. 5405	1100			1100	83.3	1,100-	100.0-
	SAND,CLAY,GRVL,FILL DI 5415							
	DRAINAGE PIPE & CULVER 5420							
	HORT./LANDSCAPING SPLY 5440							
663	HAND TOOLS 5450	8800	2,266	930	5604	83.3 10.5	7,684-	87.3-
5124	MINOR EQUIPMENT 5460	7200		5779	1421	83.3 80.2	265-	3.6-
	TRAFFIC SIGNS 5545							
49	OTHER OPERATING MATL/S 5590	6200		6142	58	83.3 99.0	1,170	18.8
7511	OPERATING SUPPLIES	48800	2,266	28924	17611	83.3 59.2	14,091-	28.8-

	REPAIR & MAINTENANCE SP									
113	BUILDING MATERIALS & S	5600	17400	12,200	16833	11633-	83.3	96.7	2,799	16.0
	ELECTRICAL SUPPLIES	5605	9500		9386	114	83.3	98.8	1,763	18.5
	PLUMBING SUPPLIES	5610	3000		2538	462	83.3	84.6	45	1.5
	STRUCTURAL STEEL & IRO	5620	750			750	83.3		750-	100.0-
	PAINT AND PAINTING SPL	5650	1300		1240	60	83.3	95.3	188	14.4
105	MTR VEHICLE REP. PTS/S	5700	8800		6336	2464	83.3	72.0	1,196-	13.5-
	GENERATOR REP. PTS/SPL	5705								
	COMMUNICATION REPAIR P	5750	1000			1000	83.3		1,000-	100.0-
	AGRICLTRL REPAIR PTS/S	5755	500			500	83.3		500-	100.0-
	EXPENDABLE WELDING SPL	5770								
786	OTHER REPAIR/MAINT. SP	5990	2900	141	698	2061	83.3	24.0	2,062-	71.1-
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1004	REPAIR & MAINTENANCE		45150	12,341	37031	4222-	83.3	82.0	712-	1.5-
	REPR PARTS/SUPPLIES									
	REPR/MAINT SPL-EATON S	5991 01								
	REPR/MAINT SPL-DOWNTOW	5991 02	50000		1689	48311	83.3	3.3	47,973-	95.9-
	DISASTER REPAIR SUPPLI	5995	100		90	10	83.3	90.0	8	8.0
	8/29/05-HURRICANE KAT	5995 01								
	9/1/08-HURRICANE GUST	5995 02								
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	DISASTER REPAIR SUP		100		90	10	83.3	90.0	8	8.0
	8/29/05 STORM SUPPLIES	5996								
	8/29 CHEMICALS PW8226	5996 01								
	8/29 ALLIED BLD PW340	5996 02								
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	8/29/05 STORM SUPPL									
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	REPR PARTS/SUPPLIES		50100		1779	48321	83.3	3.5	47,965-	95.7-
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8515	SUPPLIES AND EXPENSES		147600	14,607	67934	65059	83.3	46.0	66,079-	44.7-

	PROFESSIONAL SERVICES									
	DEMOLITION	6013								
	ENGINEERING	6015								
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	PROFESSIONAL SERVICE									
	COMMUNICATIONS									
122	TELEPHONE AND TELEGRAP	6060	2200		1035	1165	83.3	47.0	958-	43.5-
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122	COMMUNICATIONS		2200		1035	1165	83.3	47.0	958-	43.5-
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	1000		25-	1025	83.3	2.5	970-	97.0-
	FREIGHT	6120								
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	TRANSPORTATION		1000		25-	1025	83.3	2.5	970-	97.0-
	ADVERTISING									
	ADVERTISING	6150								
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	ADVERTISING									
	INSURANCE									
	AUTOMOBILE INSURANCE	6265								

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INSURANCE									
UTILITIES									
	GAS	6300							
119	ELECTRICITY	6305	3500		8804	5304-	83.3 251.5	7,064	201.8
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119	UTILITIES		3500		8804	5304-	83.3 251.5	7,064	201.8
REPR/MAINT-OUTSIDE LABO									
	8/29/05 FACILITY REPRS	6351							
	8/29 TEMP ROOFS PW733	6351 01							
	8/29 ZOO ED CTR PW342	6351 02							
	8/29 AIRPORT PW2275	6351 03							
	8/29 ZOO GAZEBO PW194	6351 04							
	8/29 TRAIN DEP.PW1166	6351 05							
	8/29 BURGR ROOF PW510	6351 06							
	8/29 AIRPORT PW6184	6351 07							
	8/29 P&F TRNG PW5158	6351 08							
	8/29 MAIN ROOF PW4465	6351 09							
	8/29 CONCESS RF PW447	6351 10							
	8/29 P&F TRNG PW5136	6351 11							
	8/29 SEWERS PW220	6351 12							
	8/29 WATER PW6379	6351 13							
	8/29 PLT 2 PW3427	6351 14							
	8/29 HPD PW474	6351 15							
	8/29 FIRE STA PW8294	6351 16							
	8/29 DAHMER PW1298	6351 17							
	8/29 DAHMER PW738	6351 18							
	8/29 DAHMER PW1269	6351 19							
	8/29 FIRE STA#8 PW444	6351 20							
	8/29 SOFTBALL PW736	6351 21							
	8/29 CAMERON FL PW730	6351 22							
	8/29 GARDEN CTR PW176	6351 23							
	8/29 AIRPORT PW3411	6351 24							
	8/29 AIRPORT PW3459	6351 25							
	8/29 CITY HALL PW1325	6351 26							
	8/29 LAGOON PW712	6351 27							
	8/29 TIMBERTON PW719	6351 28							
	8/29 HIGHLAND PW717	6351 29							
	8/29 TENNIS ROOF PW72	6351 30							
	8/29 AVIARY EXH PW742	6351 31							
	8/29 P&F ACA RF PW419	6351 32							
	8/29 COMPUTER6259/512	6351 33							
	8/29 WTR/SWR PW5492	6351 34							
	8/29 ROOF5492/295/117	6351 35							
	8/29 SPILLWAY PW7763	6351 36							
	8/29 PUB SER FAC PW48	6351 37							
	8/29 TRAF/CONST PW790	6351 38							
	8/29 CUL CTR RF PW332	6351 39							

	8/29/05 FACILITY RE								
	8/29/05 STORM REPAIRS	6353							
	8/29/05 INFRAST REPRS	6354							

	8/29/05 INFRAST REP								
	STREETS & STRUCTURES R	6360							
	OFFICE EQUIPMENT R&M	6365							
	MINOR EQUIPMENT R&M	6382							
	GENERATOR R&M	6383	63000		62937	63	83.3	99.9	12,524 19.8
253	MOTOR VEHICLE EQ. R&M	6384	4600		4595	5	83.3	99.8	914 19.8
	AGRICULTURAL EQ. R&M	6387							
	COMMUNICATION EQ. R&M	6390	400			400	83.3		400- 100.0-
	DOWNTOWN LIGHTS R&M	6391	4432			4432	83.3		4,432- 100.0-
	DISINFECT./EXTERMINATI	6394	200			200	83.3		200- 100.0-
	REPRS/MAINT-EATON SCHL	6395							
	TOW IN CHARGES	6398	200			200	83.3		200- 100.0-
	OTHER REPAIRS AND MAIN	6399	800		147	653	83.3	18.3	623- 77.8-
253	REPR/MAINT-OUTSIDE L		73632		67679	5953	83.3	91.9	7,582 10.2
	RENTALS								
	LAND RENT	6400							
	MACHINERY RENT	6420							
	CYLINDER RENT	6425	550			550	83.3		550- 100.0-
	UNIFORM RENT	6430	3350			3350	83.3		3,350- 100.0-
	OTHER RENT	6449	200			200	83.3		200- 100.0-
	RENTALS		4100			4100	83.3		4,100- 100.0-
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS	6840							
	REGISTRATION FEE/TUITI	6845							
	SERVICES NOT SPECIFIED	6999							
	OTHER SERVICES & CHA								
494	OTHER SERVICES & CHAR		84432		77493	6939	83.3	91.7	8,559 10.1
	LAND								
	EASEMENTS	7010							
	LAND								
	BUILDING/BLD IMPROVEMEN								
	BUILDINGS	7100							

	4TH ST EMP MED CLINIC	7100 01							
	EUREKA SCHOOL	7100 03							
	BURGER BUILDING	7100 04							
	SAFE ROOMS-MEMA GRANT	7100 25							
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	BUILDINGS								
	BUILDING IMPROVEMENTS	7150							
	STORAGE BUILDING	7150 33							
	EATON SCHL ROOF/CLG P	7150 38			39740	39740-		47,688	
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	BUILDING IMPROVEMEN				39740	39740-		47,688	
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	BUILDING/BLD IMPROVE				39740	39740-		47,688	
	IMPROVEMENT OTHER THAN								
	DRAINS	7215							
	OTHER IMPROVEMENTS	7295							
	EAST JERUSALEM COMM C	7295 07							
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	OTHER IMPROVEMENTS								
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	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	8/29/05 STORM EQUIP	7302							
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
	AGRICULTURAL EQUIPMENT	7335							
	CONSTRUCTION EQUIPMENT	7345							
	COMMUNICATION EQUIPMEN	7355							
	PIPE	7370							
	OTHER EQUIPMENT	7399							
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	MACHINERY AND EQUIPM								
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
	DUMP TRUCKS	7440							
-----			-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----			-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY				39740	39740-		47,688	
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144328	EXPENDITURES		927703	14,607	827686	85410	83.3 89.2	65,520	7.0

001220 - GENERAL FUND-SANITATION DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
60220	REGULAR WAGES 4000	953973		651312	302661	83.3 68.2	172,398-	18.0-
	DISASTER RECOVERY WAGE 4010			19149	19149-		22,978	
437	OVERTIME 4300	21000		18069	2931	83.3 86.0	682	3.2
	DISASTER RECOVERY OVER 4310			10928	10928-		13,113	
60657	SALARIES	974973		699458	275515	83.3 71.7	135,623-	13.9-
EMPLOYEE BENEFITS								
9553	STATE RETIREMENT 4600	153558		110165	43393	83.3 71.7	21,360-	13.9-
4570	F.I.C.A. TAXES 4700	74585		52635	21950	83.3 70.5	11,423-	15.3-
15000	HOSPITALIZATION INS. 4800	250800		197700	53100	83.3 78.8	13,560-	5.4-
	UNEMPLOYMENT BENEFITS 4900	1000		1000	1000	83.3	1,000-	100.0-
173675	WORKMAN'S COMPENSATION 4910	90839		173675	82836-	83.3 191.1	117,571	129.4
202799	EMPLOYEE BENEFITS	570782		534175	36607	83.3 93.5	70,228	12.3
263455	PERSONAL SERVICES	1545755		1233633	312122	83.3 79.8	65,395-	4.2-
OFFICE SUPPLIES								
	OTHER EXPENDABLE OFF.S 5010	2600	1,743	791	66	83.3 30.4	1,650-	63.4-
220	MINOR OFFICE EQUIP/FUR 5020	500		243	257	83.3 48.6	208-	41.6-
	BOOKS 5070							
220	OFFICE SUPPLIES	3100	1,743	1034	322	83.3 33.3	1,859-	59.9-
OPERATING SUPPLIES								
490	CLEANING/JANITORIAL SP 5100	1750	472	562	717	83.3 32.1	1,075-	61.4-
	HOUSEHOLD SUPPLIES 5110							
	FOOD 5115							
	MEDICAL SUPPLIES 5120							
4667	CHEMICALS 5130	20000	3,480	11807	4713	83.3 59.0	5,831-	29.1-
763	GAS AND OIL 5250	21500		11283	10217	83.3 52.4	7,960-	37.0-
	NATURAL GAS FUEL 5252							
	LUBRICANTS 5255	2000			2000	83.3	2,000-	100.0-
10088	DIESEL FUEL 5257	114470		99690	14780	83.3 87.0	5,158	4.5
	DIESEL FUEL-RECYCLING 5257 01							
	WEARING APPAREL 5355	700		105	595	83.3 15.0	574-	82.0-
	CONCRETE, CEMENT, ETC. 5405							
	HORT./LANDSCAPING SPLY 5440							
188	HAND TOOLS 5450	1000		901	99	83.3 90.1	81	8.1
	MINOR EQUIPMENT 5460	10000		2525	7475	83.3 25.2	6,970-	69.7-
1433	OTHER OPERATING MATL/S 5590	5600		4678	922	83.3 83.5	13	.2
	OTHER OPERATING SPLY-R 5590 01	2920			2920	83.3	2,920-	100.0-
17628	OPERATING SUPPLIES	179940	3,952	131550	44438	83.3 73.1	22,080-	12.2-

	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	1000	617	57	326	83.3	5.7	931-	93.1-
	ELECTRICAL SUPPLIES 5605	1300			1300	83.3		1,300-	100.0-
	PLUMBING SUPPLIES 5610								
	STRUCTURAL STEEL & IRO 5620								
	PAINT AND PAINTING SPL 5650								
12757	MTR VEHICLE REP. PTS/S 5700	106156	1,953	102259	1944	83.3	96.3	16,554	15.5
	COMMUNICATION REPAIR P 5750	200			200	83.3		200-	100.0-
	EXPENDABLE WELDING SPL 5770								
	MINOR COMPUTER EQUIP. 5800								
	OTHER REPAIR/MAINT. SP 5990								
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12757	REPAIR & MAINTENANCE	108656	2,570	102316	3770	83.3	94.1	14,123	12.9
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30606	SUPPLIES AND EXPENSES	291696	8,265	234900	48530	83.3	80.5	9,816-	3.3-
	PROFESSIONAL SERVICES								
	ENGINEERING 6015								
2500	CONSULTANT SERV/SURVEY 6020								
	OTHER PROFESSIONAL SER 6049	5850		6277	427-	83.3	107.2	1,682	28.7
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2500	PROFESSIONAL SERVICE	5850		6277	427-	83.3	107.2	1,682	28.7
	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP 6060								
	POSTAGE 6070								
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	COMMUNICATIONS								
	TRANSPORTATION								
	TRAVEL EXPENSE 6110			20-	20			24	
532	FREIGHT 6120	3005	670	1989	347	83.3	66.1	618-	20.5-
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532	TRANSPORTATION	3005	670	1969	367	83.3	65.5	642-	21.3-
	ADVERTISING								
	ADVERTISING 6150	200			200-	83.3		200-	100.0-
2520	ADVERTISING-RECYCLING 6150 01	10345	335	8589	1421	83.3	83.0	38-	.3-
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2520	ADVERTISING	10145	335	8589	1221	83.3	84.6	161	1.5
	PRINTING AND BINDING								
	FILM PROCESSING 6240								
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	PRINTING AND BINDING								
	INSURANCE								
	PUBLIC LIAB/PROPERTY D 6255								
	AUTOMOBILE INSURANCE 6265								
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	INSURANCE								
	UTILITIES								
533	ELECTRICITY 6305	7000		4409	2591	83.3	62.9	1,709-	24.4-
	WATER 6315								
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533	UTILITIES	7000		4409	2591	83.3	62.9	1,709-	24.4-
	REPR/MAINT-OUTSIDE LABO								

	PLUMBING EQUIPMENT R&M	6357								
	OFFICE EQUIPMENT R&M	6365								
	FIXED EQUIPMENT R&M	6380	1000			1000	83.3		1,000-	100.0-
	MINOR EQUIPMENT R&M	6382	2800			2800	83.3		2,800-	100.0-
6000	MOTOR VEHICLE EQ. R&M	6384	78500	7,756	52818	17926	83.3	67.2	15,118-	19.2-
	COMMUNICATION EQ. R&M	6390								
	DISINFECT./EXTERMINATI	6394	50		50		83.3	100.0	10	20.0
250	TOW IN CHARGES	6398	2400		2240	160	83.3	93.3	288	12.0
	OTHER REPAIRS AND MAIN	6399	2300		2240	60	83.3	97.3	388	16.8
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6250	REPR/MAINT-OUTSIDE L		87050	7,756	57348	21946	83.3	65.8	18,232-	20.9-
	RENTALS									
	LAND RENT	6400								
942	UNIFORM RENT	6430	10200		8940	1260	83.3	87.6	528	5.1
100	MOP-MAT-RAG RENT	6435	1100		1020	80	83.3	92.7	124	11.2
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1042	RENTALS		11300		9960	1340	83.3	88.1	652	5.7
	OTHER SERVICES & CHARGE									
19611	TIPPING FEES	6880	662900		661237	1663	83.3	99.7	130,584	19.6
27773	TIPPING/DISPOSAL OTHER	6885	162000		161250	750	83.3	99.5	31,500	19.4
807	RECYCLING FEES	6890	7700		5280	2420	83.3	68.5	1,364-	17.7-
	SERVICES NOT SPECIFIED	6999	1800		67	1733	83.3	3.7	1,719-	95.5-
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48191	OTHER SERVICES & CHA		834400		827834	6566	83.3	99.2	159,000	19.0
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61568	OTHER SERVICES & CHAR		958750	8,761	916386	33604	83.3	95.5	140,913	14.6
	LAND									
	LEASEHOLDS	7020								
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	LAND									
	BUILDING/BLD IMPROVEMEN									
	BUILDINGS	7100								
	PUB.SERV./SANITA.BLDG	7100 18								
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	BUILDINGS									
	BUILDING IMPROVEMENTS	7150								
	PUB.SERV./SANITA.BLDG	7150 38								
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	BUILDING IMPROVEMEN									
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	BUILDING/BLD IMPROVE									
	IMPROVEMENT OTHER THAN									
	OTHER IMPROVEMENTS	7295								
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	IMPROVEMENT OTHER TH									
	MACHINERY AND EQUIPMENT									
	OFFICE FURN/EQUIP.	7325								
	PLANT EQUIPMENT	7340								
	COMMUNICATION EQUIPMEN	7355								
	OTHER EQUIPMENT	7399	52000			52000	83.3		52,000-	100.0-
	OTHER EQUIPMENT-RECYCL	7399 01								

-----	MACHINERY AND EQUIPM	-----	-----	-----	-----	-----	-----	-----
		52000			52000	83.3		52,000- 100.0-
	VEHICLES							
	PICK UP TRUCKS 7420							
	HEAVY TRUCKS 7430							
	SANITATION TRUCKS 7460							
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	VEHICLES							
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	CAPITAL OUTLAY	52000			52000	83.3		52,000- 100.0-
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355629	EXPENDITURES	2848201	17,026	2384919	446256	83.3	83.7	13,701 .4

001221 - GENERAL FUND-STREET CLEANING

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
4011	REGULAR WAGES 4000	52104		42087	10017	83.3 80.7	1,599-	3.0-
	DISASTER RECOVERY WAGE 4010							
33	OVERTIME 4300	3000		332	2668	83.3 11.0	2,601-	86.7-
	DISASTER RECOVERY OVER 4310							
4044	SALARIES	55104		42420	12684	83.3 76.9	4,200-	7.6-
EMPLOYEE BENEFITS								
637	STATE RETIREMENT 4600	8679		6681	1998	83.3 76.9	661-	7.6-
309	F.I.C.A. TAXES 4700	4215		3237	978	83.3 76.7	330-	7.8-
1000	HOSPITALIZATION INS. 4800	13200		11000	2200	83.3 83.3		
	UNEMPLOYMENT BENEFITS 4900	500		500	500	83.3	500-	100.0-
4214	WORKMAN'S COMPENSATION 4910	2204		4214	2010-	83.3 191.1	2,852	129.4
6159	EMPLOYEE BENEFITS	28798		25132	3666	83.3 87.2	1,360	4.7
10203	PERSONAL SERVICES	83902		67552	16350	83.3 80.5	2,839-	3.3-
OPERATING SUPPLIES								
	GAS AND OIL 5250							
	LUBRICANTS 5255							
323	DIESEL FUEL 5257	6200		4427	1773	83.3 71.4	887-	14.3-
	WEARING APPAREL 5355							
	HAND TOOLS 5450							
	MINOR EQUIPMENT 5460	4600		4584	16	83.3 99.6	900	19.5
111	OTHER OPERATING MATL/S 5590	4000		3396	604	83.3 84.9	75	1.8
434	OPERATING SUPPLIES	14800		12407	2393	83.3 83.8	88	.5
REPAIR & MAINTENANCE SP								
	PAINT AND PAINTING SPL 5650							
2223	MTR VEHICLE REP. PTS/S 5700	4400	1,807	4090	1497-	83.3 92.9	508	11.5
2223	REPAIR & MAINTENANCE	4400	1,807	4090	1497-	83.3 92.9	508	11.5
2657	SUPPLIES AND EXPENSES	19200	1,807	16497	896	83.3 85.9	596	3.1
TRANSPORTATION								
	FREIGHT 6120	200		186	14	83.3 93.0	23	11.5
	TRANSPORTATION	200		186	14	83.3 93.0	23	11.5
ADVERTISING								
	ADVERTISING 6150							
ADVERTISING								

INSURANCE									
PUBLIC LIAB/PROPERTY D 6255									
AUTOMOBILE INSURANCE 6265									

	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
12	MOTOR VEHICLE EQ. R&M 6384	1000	12	372	616	83.3	37.2	553-	55.3-
	COMMUNICATION EQ. R&M 6390								
	TOW IN CHARGES 6398	500		350	150	83.3	70.0	80-	16.0-
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12	REPR/MAINT-OUTSIDE L	1500	12	722	766	83.3	48.1	633-	42.2-
	RENTALS								
	UNIFORM RENT 6430	900			900	83.3		900-	100.0-
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	RENTALS	900			900	83.3		900-	100.0-
	OTHER SERVICES & CHARGE								
	SERVICES NOT SPECIFIED 6999								
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	OTHER SERVICES & CHA								
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12	OTHER SERVICES & CHAR	2600	12	908	1680	83.3	34.9	1,510-	58.0-
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	BUILDING/BLD IMPROVEMEN								
	BUILDINGS 7100								
	PUB.SERV./SANITA.BLDG 7100 18								
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	BUILDINGS								
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	BUILDING/BLD IMPROVE								
	VEHICLES								
	PICK UP TRUCKS 7420								
	HEAVY TRUCKS 7430								
	SPECIAL TRUCKS 7450								
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	VEHICLES								
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	CAPITAL OUTLAY								
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12873	EXPENDITURES	105702	1,819	84956	18926	83.3	80.3	3,754-	3.5-

001250 - GENERAL FUND-HEALTH DIVISION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
<u>SALARIES</u>								
24412	REGULAR WAGES 4000	304506		227253	77253	83.3 74.6	31,802-	10.4-
	DISASTER RECOVERY WAGE 4010			5032	5032-		6,038	
218	OVERTIME 4300	10000		4748	5252	83.3 47.4	4,302-	43.0-
	DISASTER RECOVERY OVER 4310			3764	3764-		4,516	
<u>-----</u>								
24630	SALARIES	314506		240797	73709	83.3 76.5	25,549-	8.1-
<u>EMPLOYEE BENEFITS</u>								
3879	STATE RETIREMENT 4600	49535		37926	11609	83.3 76.5	4,023-	8.1-
1868	F.I.C.A. TAXES 4700	21325		18269	3056	83.3 85.6	597	2.7
5000	HOSPITALIZATION INS. 4800	79200		63300	15900	83.3 79.9	3,240-	4.0-
2731	UNEMPLOYMENT BENEFITS 4900	3235		2731	504	83.3 84.4	42	1.2
27535	WORKMAN'S COMPENSATION 4910	14402		27535	13133-	83.3 191.1	18,640	129.4
<u>-----</u>								
41014	EMPLOYEE BENEFITS	167697		149761	17936	83.3 89.3	12,016	7.1
<u>-----</u>								
65644	PERSONAL SERVICES	482203		390558	91645	83.3 80.9	13,533-	2.8-
<u>OFFICE SUPPLIES</u>								
	OTHER EXPENDABLE OFF.S 5010							
<u>-----</u>								
<u>OFFICE SUPPLIES</u>								
<u>OPERATING SUPPLIES</u>								
	MEDICAL SUPPLIES 5120							
14450	CHEMICALS 5130	130000	14,450	107964	7586	83.3 83.0	443-	.3-
	CHEMICALS-MOSQUITO GRA 5135							
1951	GAS AND OIL 5250	21000		16368	4632	83.3 77.9	1,358-	6.4-
	LUBRICANTS 5255							
1053	DIESEL FUEL 5257	3000		7154	4154-	83.3 238.4	5,584	186.1
	OTHER FUEL 5260							
	WEARING APPAREL 5355	700	595	51	54	83.3 7.2	638-	91.1-
	HAND TOOLS 5450	1000		409	591	83.3 40.9	509-	50.9-
253	MINOR EQUIPMENT 5460	1400		653	747	83.3 46.6	616-	44.0-
	HAZ.MAT SUP-DOMESTIC P 5466							
117	OTHER OPERATING MATL/S 5590	1700	227	1376	96	83.3 80.9	48-	2.8-
<u>-----</u>								
17823	OPERATING SUPPLIES	158800	15,272	133976	9551	83.3 84.3	1,971	1.2
<u>REPAIR & MAINTENANCE SP</u>								
	ELECTRICAL SUPPLIES 5605							
	PLUMBING SUPPLIES 5610							
	PAINT AND PAINTING SPL 5650							
516	MTR VEHICLE REP. PTS/S 5700	8450		8313	137	83.3 98.3	1,525	18.0
	COMMUNICATION REPAIR P 5750							
	AGRICLTRL REPAIR PTS/S 5755	300			300	83.3	300-	100.0-

516	REPAIR & MAINTENANCE	8750		8313	437	83.3	95.0	1,225	14.0
18339	SUPPLIES AND EXPENSES	167550	15,272	142289	9988	83.3	84.9	3,196	1.9
	PROFESSIONAL SERVICES								
	OTHER PROFESSIONAL SER 6049								
	PROFESSIONAL SERVICE								
	TRANSPORTATION								
	TRAVEL EXPENSE 6110								
	TRVL EXP-MOSQUITO GRAN 6111								
	FREIGHT 6120								
	TRANSPORTATION								
	ADVERTISING								
	ADVERTISING 6150								
	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING-GRANT RELATED 6202								
	PRINTING AND BINDING								
	INSURANCE								
	PUBLIC LIAB/PROPERTY D 6255								
	AUTOMOBILE INSURANCE 6265								
	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
	MINOR EQUIPMENT R&M 6382	1000			1000	83.3		1,000-	100.0-
	MOTOR VEHICLE EQ. R&M 6384	2200		1261	939	83.3	57.3	686-	31.1-
	AGRICULTURAL EQ. R&M 6387	400			400	83.3		400-	100.0-
	COMMUNICATION EQ. R&M 6390	800			800	83.3		800-	100.0-
	TOW IN CHARGES 6398	200		40	160	83.3	20.0	152-	76.0-
	REPR/MAINT-OUTSIDE L	4600		1301	3299	83.3	28.2	3,038-	66.0-
	RENTALS								
555	UNIFORM RENT 6430	3800		3454	346	83.3	90.8	344	9.0
555	RENTALS	3800		3454	346	83.3	90.8	344	9.0
	OTHER SERVICES & CHARGE								
	REGISTRATION FEE/TUITI 6845	300			300	83.3		300-	100.0-
	SERVICES NOT SPECIFIED 6999								
	OTHER SERVICES & CHA	300			300	83.3		300-	100.0-
555	OTHER SERVICES & CHAR	8700		4756	3944	83.3	54.6	2,992-	34.3-
	MACHINERY AND EQUIPMENT								
	AGRICULTURAL EQUIPMENT 7335								
	EQUIP-MOSQUITO GRANT 7377								
	OTHER EQUIPMENT 7399								

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	MACHINERY AND EQUIPM							
	VEHICLES							
	PICK UP TRUCKS 7420							
	DUMP TRUCKS 7440	45000			45000	83.3	45,000-	100.0-
	SPECIAL TRUCKS 7450							
-----		-----	-----	-----	-----	-----	-----	-----
	VEHICLES	45000			45000	83.3	45,000-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY	45000			45000	83.3	45,000-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
84538	EXPENDITURES	703453	15,272	537603	150578	83.3 76.4	58,329-	8.2-

001260 - GENERAL FUND-ANIMAL CONTROL

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
7589	REGULAR WAGES 4000	101574		70970	30604	83.3 69.8	16,410-	16.1-
	DISASTER RECOVERY WAGE 4010			259	259-		310	
171	OVERTIME 4300	2000		1201	799	83.3 60.0	558-	27.9-
	DISASTER RECOVERY OVER 4310							
7761	SALARIES	103574		72429	31145	83.3 69.9	16,659-	16.0-
EMPLOYEE BENEFITS								
1222	STATE RETIREMENT 4600	16313		11408	4905	83.3 69.9	2,623-	16.0-
583	F.I.C.A. TAXES 4700	7923		5417	2506	83.3 68.3	1,422-	17.9-
1500	HOSPITALIZATION INS. 4800	26400		20600	5800	83.3 78.0	1,680-	6.3-
	UNEMPLOYMENT BENEFITS 4900	500			500	83.3	500-	100.0-
2645	WORKMAN'S COMPENSATION 4910	1384		2645	1261-	83.3 191.1	1,790	129.3
5950	EMPLOYEE BENEFITS	52520		40069	12451	83.3 76.2	4,437-	8.4-
13710	PERSONAL SERVICES	156094		112499	43595	83.3 72.0	21,095-	13.5-
OFFICE SUPPLIES								
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	200		189	11	83.3 94.5	26	13.0
	MINOR OFFICE EQUIP/FUR 5020							
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080	200			200	83.3	200-	100.0-
	OFFICE SUPPLIES	400		189	211	83.3 47.2	173-	43.2-
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100							
	HOUSEHOLD SUPPLIES 5110							
	FOOD 5115							
	MEDICAL SUPPLIES 5120							
	CHEMICALS 5130							
600	GAS AND OIL 5250	6800		4616	2184	83.3 67.8	1,260-	18.5-
	LUBRICANTS 5255							
	WEARING APPAREL 5355	2200		2198	2	83.3 99.9	437	19.8
	HORT./LANDSCAPING SPLY 5440							
	HAND TOOLS 5450							
	MINOR EQUIPMENT 5460	1200		1076	124	83.3 89.6	91	7.5
	OTHER OPERATING MATL/S 5590	500		135	365	83.3 27.0	338-	67.6-

600	OPERATING SUPPLIES	10700		8025	2675	83.3	75.0	1,070-	10.0-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600								
	ELECTRICAL SUPPLIES 5605								
	PLUMBING SUPPLIES 5610								
	STRUCTURAL STEEL & IRO 5620								
	PAINT AND PAINTING SPL 5650								
2960	MTR VEHICLE REP. PTS/S 5700	3700		3048	652	83.3	82.3	42-	1.1-
	COMMUNICATION REPAIR P 5750								
	OTHER REPAIR/MAINT. SP 5990								
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2960	REPAIR & MAINTENANCE	3700		3048	652	83.3	82.3	42-	1.1-
-----		-----	-----	-----	-----	-----	-----	-----	-----
3559	SUPPLIES AND EXPENSES	14800		11262	3538	83.3	76.0	1,285-	8.6-

	PROFESSIONAL SERVICES								
	VETERINARIAN 6030	2000			2000	83.3		2,000-	100.0-
	OTHER PROFESSIONAL SER 6049								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE	2000			2000	83.3		2,000-	100.0-
	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP 6060	500		11	489	83.3	2.2	486-	97.2-
	POSTAGE 6070								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	COMMUNICATIONS	500		11	489	83.3	2.2	486-	97.2-
	TRANSPORTATION								
	TRAVEL EXPENSE 6110	800			800	83.3		800-	100.0-
	FREIGHT 6120								
	MESSENGER/EXPRESS SERV 6130								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	TRANSPORTATION	800			800	83.3		800-	100.0-
	ADVERTISING								
	ADVERTISING 6150								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING 6200	200	200			83.3		200-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----	-----
	PRINTING AND BINDING	200	200			83.3		200-	100.0-
	INSURANCE								
	AUTOMOBILE INSURANCE 6265								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350								
	ELECTRICAL R&M 6355								
	PLUMBING EQUIPMENT R&M 6357								
	OFFICE EQUIPMENT R&M 6365								
	HOUSEHOLD EQUIPMENT R& 6370								
	FIXED EQUIPMENT R&M 6380								
	MINOR EQUIPMENT R&M 6382								
	MOTOR VEHICLE EQ. R&M 6384	1400			1400	83.3		1,400-	100.0-

	COMMUNICATION EQ. R&M	6390							
	CLEANING AND PAINTING	6392							
	DISINFECT./EXTERMINATI	6394							
	SIGN PAINTING	6396							
65	TOW IN CHARGES	6398	100		65	35	83.3	65.0	22- 22.0-
	OTHER REPAIRS AND MAIN	6399							
-----			-----	-----	-----	-----	-----	-----	-----
65	REPR/MAINT-OUTSIDE L		1500		65	1435	83.3	4.3	1,422- 94.8-
	RENTALS								
	OTHER RENT	6449							
-----			-----	-----	-----	-----	-----	-----	-----
	RENTALS								
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS	6840	125			125	83.3		125- 100.0-
225	REGISTRATION FEE/TUITI	6845	1800	754	225	821	83.3	12.5	1,530- 85.0-
19432	SERVICES NOT SPECIFIED	6999	119760		116592	3168	83.3	97.3	20,150 16.8
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19657	OTHER SERVICES & CHA		121685	754	116817	4114	83.3	95.9	18,495 15.1
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19722	OTHER SERVICES & CHAR		126685	954	116893	8838	83.3	92.2	13,586 10.7
	MACHINERY AND EQUIPMENT								
	HOUSEHOLD FURN/EQUIP.	7320							
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
	COMMUNICATION EQUIPMEN	7355							
	OTHER EQUIPMENT	7399							
-----			-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPM								
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
-----			-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----			-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY								
-----			-----	-----	-----	-----	-----	-----	-----
36992	EXPENDITURES		297579	954	240654	55971	83.3	80.8	8,794- 2.9-

001280 - GENERAL FUND-HUMAN/SOC.ASST

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
OTHER SERVICES & CHARGE								
CONTRIBUTIONS 6820								
SEXUAL ASSUALT CRISIS 6820 04								
P.A.C.E. 6820 05								
INTERACTION FACTORY 6820 06								
DOMESTIC ABUSE FAMILY 6820 07								
3500								
3500								
83.3 100.0								
700 20.0								
FORREST CTY. HEALTH D 6820 08								
NAT'L.GUARD ARMORY 6820 09								
COUNCIL ON AGING 6820 10								
BOY SCOUTS OF AMERICA 6820 11								
PINE BELT MENTAL HEAL 6820 12								
H'BURG. CONCERT BAND 6820 13								
LIVESTOCK SHOW 6820 14								
COURT APP'T SPEC.ADVO 6820 15								
H'BURG.ED.LITERACY PR 6820 16								
D.R.E.A.M. 6820 17								
SALVATION ARMY BOYS/G 6820 18								
H'BURG.ED.FOUNDATION 6820 19								
N.E.E.D.S. 6820 20								
CENTER FOR GIFTED STU 6820 21								
RAILS TO TRAILS 6820 22								
106380								
106380								
83.3 100.0								
21,276 20.0								
CTR FOR CHILD ABUSE P 6820 23								
5000								
5000								
83.3								
5,000- 100.0-								
SO.CTRL.MS.AMER.RED C 6820 24								
UNIFIED NEIGHBORHOOD 6820 25								
GULF PINES GIRL SCOUT 6820 26								
USM COMM.SERVICE LEAR 6820 27								
BIG BRO/BIG SIS OF SE 6820 28								
HBRG CIVIC CHORUS/CON 6820 29								
MS HOLIDAY SPECTACULA 6820 30								
CORNERSTONE PROJECT 6820 31								
SALVATION ARMY 6820 32								
SO MS CHILDREN'S CTR 6820 33								
CHRISTIAN SERVICES 6820 34								
USM/DISABILITY STUDIE 6820 35								
NEW TEST.YOUTH SAFE H 6820 36								
USM/SYMPHONY 6820 37								
50000								
50000								
83.3								
50,000- 100.0-								
USM/DUBARD SCHOOL 6820 38								
GREATER H'BURG COMMUN 6820 39								
WORLD CHANGERS 6820 40								
H'BURG PUBLIC SCHOOLS 6820 41								
FLINT MICHIGAN WATER 6820 42								
HSSD EXCEL BY 5 6820 43								
25000								
25000								
83.3								
25,000- 100.0-								
HATTIESBURG ARTS CENT 6820 44								
50000								
50000								
83.3 100.0								
10,000 20.0								
UNALLOCATED CONTRIBUT 6820 99								
10000								
10000								
83.3								
10,000- 100.0-								

-----	CONTRIBUTIONS	----- 249880	-----	----- 159880	----- 90000	----- 83.3	----- 63.9	----- 58,024-	----- 23.2-
-----	OTHER SERVICES & CHA	----- 249880	-----	----- 159880	----- 90000	----- 83.3	----- 63.9	----- 58,024-	----- 23.2-
-----	OTHER SERVICES & CHAR	----- 249880	-----	----- 159880	----- 90000	----- 83.3	----- 63.9	----- 58,024-	----- 23.2-
-----	EXPENDITURES	----- 249880	-----	----- 159880	----- 90000	----- 83.3	----- 63.9	----- 58,024-	----- 23.2-

001402 - GENERAL FUND-ECONOMIC DEV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
PROFESSIONAL SERVICES								
OTHER PROFESSIONAL SER 6049								
-----		-----	-----	-----	-----	-----	-----	-----
PROFESSIONAL SERVICE								
TRANSPORTATION								
TRAVEL-ALL AMER.CITY A 6110								
-----		-----	-----	-----	-----	-----	-----	-----
TRANSPORTATION								
REPR/MAINT-OUTSIDE LABO								
BUILDING R&M 6350								
-----		-----	-----	-----	-----	-----	-----	-----
REPR/MAINT-OUTSIDE L								
OTHER SERVICES & CHARGE								
CONTRIBUTIONS 6820								
FCIPC/AREA DEV. PRTNR 6820 01 200000 150000 50000 83.3 75.0 20,000- 10.0-								
PRCC TECH CENTER 6820 02								
FCIPC/ECONOMIC DEVEL. 6820 03								
H'BURG DOWNTOWN ASSN 6820 37 30000 55000 25000- 83.3 183.3 36,000 120.0								
CAMP SHELBY STUDY 6820 45								
PHWD-FEASIBILITY STUD 6820 50								
-----		-----	-----	-----	-----	-----	-----	-----
CONTRIBUTIONS 230000 205000 25000 83.3 89.1 16,000 6.9								
-----		-----	-----	-----	-----	-----	-----	-----
OTHER SERVICES & CHA 230000 205000 25000 83.3 89.1 16,000 6.9								
-----		-----	-----	-----	-----	-----	-----	-----
OTHER SERVICES & CHAR 230000 205000 25000 83.3 89.1 16,000 6.9								
BUILDING/BLD IMPROVEMEN								
BUILDING IMPROVEMENTS 7150								
DOWNTOWN PROJ-OLD LIB 7150 14								
DEPOT PROJECT 7150 15								
HUB CITY LOFTS PROJEC 7150 41								
-----		-----	-----	-----	-----	-----	-----	-----
BUILDING IMPROVEMEN								
-----		-----	-----	-----	-----	-----	-----	-----
BUILDING/BLD IMPROVE								
VEHICLES								
TROLLEYS 7415								
-----		-----	-----	-----	-----	-----	-----	-----
VEHICLES								
-----		-----	-----	-----	-----	-----	-----	-----
CAPITAL OUTLAY								
-----		-----	-----	-----	-----	-----	-----	-----
EXPENDITURES 230000 205000 25000 83.3 89.1 16,000 6.9								

001460 - GENERAL FUND-CAPITAL LEASES

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	NOTE PRINCIPAL							
	2005 STORM NOTE 8205							
	SAENGER SERIES 1999 NO 8220							
	MDB CAPITAL PROJECTS 8223							
	MDB-DEPOT PROJ 8223 01							
	MDB-WTR/SWR LINES 8223 02							
	MDB-HPD RENOVATION 8223 03							
	MDB-592 PROG 2001A PO 8223 04							
	MDB-FIRE STA #1 8223 05							
1797	MDB-CHURCH PROJ 8223 06	21566		17969	3597	83.3 83.3	3-	
	MDB-4TH ST WIDENING 8223 07							
	MDB-CHAIN PARK 8223 08							
	MDB-HUB CITY LOFTS 8223 09	88409		66141	22268	83.3 74.8	9,039-	10.2-
-----		-----	-----	-----	-----	-----	-----	-----
1797	MDB CAPITAL PROJECT	109975		84110	25865	83.3 76.4	9,043-	8.2-
	W&S USA YEAST 2002"B"N 8224							
-----		-----	-----	-----	-----	-----	-----	-----
1797	NOTE PRINCIPAL	109975		84110	25865	83.3 76.4	9,043-	8.2-
	INTEREST ON NOTES							
	2005 STORM NOTE 8305							
	SAENGER SERIES 1999 NO 8331							
	MDB CAPITAL PROJECT NO 8333							
	MDB-DEPOT PROJ 8333 01							
	MDB-WTR/SWR LINES 8333 02							
	MDB-HPD RENOVATION 8333 03							
	MDB-592 PROG 2001A PO 8333 04							
	MDB-FIRE STA #1 8333 05							
404	MDB-CHURCH PROJ 8333 06	7500		3800	3700	83.3 50.6	2,940-	39.2-
	MDB-4TH ST WIDENING 8333 07							
	MDB-CHAIN PARK 8333 08							
	MDB-HUB CITY LOFTS 8333 09	33005		24918	8087	83.3 75.4	3,103-	9.4-
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404	MDB CAPITAL PROJECT	40505		28718	11787	83.3 70.8	6,043-	14.9-
	W&S USA YEAST 2002"B"N 8334							
-----		-----	-----	-----	-----	-----	-----	-----
404	INTEREST ON NOTES	40505		28718	11787	83.3 70.8	6,043-	14.9-
	PAYING AGENT FEES							
	LEASE ISSUES 8401	3000		3000		83.3 100.0	600	20.0
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	3000		3000		83.3 100.0	600	20.0
	CAPITAL LEASE PAYMENTS							
	COMPUTER LEASE-INFO.SY 8510							
	COMPUTER LEASE-POLICE 8511							
	POLICE CARS LEASE 8512							

	EMER GENERATORS LEASE	8513							
	2012 EQUIP LEASE	8514							
	BUILDING LEASE	8515							
40242	PUBLIC SAFETY COMPLEX	8516							
	SANITATION TRUCKS LEAS	8520	480675		400030	80645	83.3	83.2	639- .1-
	SANITATION CANS LEASE	8521							
	SPECIAL TRUCKS LEASE	8523							
	DUMP TRUCK LEASE	8525							
	DOWNTOWN LIGHTING	8531							
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40242	CAPITAL LEASE PAYMEN		480675		400030	80645	83.3	83.2	639- .1-
	INTEREST ON CAPITAL LEA								
	COMPUTER LEASE-INFO SY	8610							
	COMPUTER LEASE-POLICE	8611							
	POLICE CARS LEASE	8612							
	EMER GENERATORS LEASE	8613							
	2012 EQUIP LEASE	8614							
	BUILDING LEASE	8615							
	PUBLIC SAFETY COMPLEX	8616	330524		330522	2	83.3	99.9	66,102 19.9
1135	SANITATION TRUCKS LEAS	8620	15845		13735	2110	83.3	86.6	637 4.0
	SANITATION CANS LEASE	8621							
	SPECIAL TRUCKS LEASE	8623							
	DUMP TRUCK LEASE	8625							
	DOWNTOWN LIGHTING	8631							
-----			-----	-----	-----	-----	-----	-----	-----
1135	INTEREST ON CAPITAL		346369		344257	2112	83.3	99.3	66,739 19.2
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43577	DEBT SERVICE		980524		860115	120409	83.3	87.7	51,614 5.2
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43577	EXPENDITURES		980524		860115	120409	83.3	87.7	51,614 5.2

001500 - GENERAL FUND-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
TRANSFERS TO OTHER FUND								
T/T PARKS & RECREATION	9000 02	2240000		1900000	340000	83.3 84.8	40,000	1.7
T/T MUN,FIRE PROTECTIO	9000 05							
T/T SPECIAL STREET	9000 08							
T/T 1994 GO-IND. DEVEL	9000 103							
T/T GOVNMT. COMPLEX BL	9000 104							
T/T UDAG PAYBACK	9000 108							
T/T GROUP INSURANCE TR	9000 109							
T/T CITY B & I	9000 13							
T/T POL/FIRE DIS./RELI	9000 18							
T/T 2003 TIF B&I-CHAUV	9000 22							
T/T AIRPORT IMPROVEMEN	9000 39							
T/T MASS TRANSIT OPER.	9000 73	230000		230000		83.3 100.0	46,000	20.0
T/T W & S CONSTRUCTION	9000 75							
T/T COMMUNITY CENTERS	9000 77	990000		500000	490000	83.3 50.5	390,000-	39.3-
T/T COMMUNITY DEVELOPM	9000 82							
T/T '01 BOND CONSTR	9000 95							
T/T MDB CAPITAL PROJ.F	9000 96							
T/T KPZ CAPITAL	9000 98							
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TRANSFERS TO OTHER F		3460000		2630000	830000	83.3 76.0	304,000-	8.7-
-----		-----	-----	-----	-----	-----	-----	-----
TRANSFERS		3460000		2630000	830000	83.3 76.0	304,000-	8.7-
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EXPENDITURES		3460000		2630000	830000	83.3 76.0	304,000-	8.7-

001551 - GENERAL FUND-AIRPORT DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
<u>SALARIES</u>								
3843	REGULAR WAGES 4000	49920		40323	9597	83.3 80.7	1,532-	3.0-
	DISASTER RECOVERY WAGE 4010							
14	OVERTIME 4300	1000		273	727	83.3 27.3	672-	67.2-
	DISASTER RECOVERY OVER 4310							
<u>-----</u>								
3857	SALARIES	50920		40596	10324	83.3 79.7	2,204-	4.3-
<u>EMPLOYEE BENEFITS</u>								
607	STATE RETIREMENT 4600	8020		6394	1626	83.3 79.7	347-	4.3-
291	F.I.C.A. TAXES 4700	3895		3069	826	83.3 78.7	212-	5.4-
1000	HOSPITALIZATION INS. 4800	13200		11000	2200	83.3 83.3		
	UNEMPLOYMENT BENEFITS 4900	500		500	500	83.3	500-	100.0-
5790	WORKMAN'S COMPENSATION 4910	3028		5790	2762-	83.3 191.2	3,920	129.4
<u>-----</u>								
7689	EMPLOYEE BENEFITS	28643		26253	2390	83.3 91.6	2,860	9.9
<u>-----</u>								
11545	PERSONAL SERVICES	79563		66849	12714	83.3 84.0	655	.8
<u>OPERATING SUPPLIES</u>								
	CLEANING/JANITORIAL SP 5100	450		267	183	83.3 59.3	129-	28.6-
	CHEMICALS 5130	1000			1000	83.3	1,000-	100.0-
482	GAS AND OIL 5250	6500		4236	2264	83.3 65.1	1,416-	21.7-
	LUBRICANTS 5255	200			200	83.3	200-	100.0-
	DIESEL FUEL 5257	1000		800	200	83.3 80.0	40-	4.0-
	ASPHALT & ASPHALT PROD 5400							
	CONCRETE, CEMENT, ETC. 5405							
	SAND,CLAY,GRVL,FILL DI 5415							
	HORT./LANDSCAPING SPLY 5440							
	HAND TOOLS 5450	500			500	83.3	500-	100.0-
	MINOR EQUIPMENT 5460	1300			1300	83.3	1,300-	100.0-
	OTHER OPERATING MATL/S 5590	4400	67	533	3800	83.3 12.1	3,760-	85.4-
<u>-----</u>								
482	OPERATING SUPPLIES	15350	67	5836	9447	83.3 38.0	8,346-	54.3-
<u>REPAIR & MAINTENANCE SP</u>								
	BUILDING MATERIALS & S 5600	100			100	83.3	100-	100.0-
	ELECTRICAL SUPPLIES 5605	2450		2282	168	83.3 93.1	288	11.7
	PLUMBING SUPPLIES 5610	700		341	359	83.3 48.7	290-	41.4-
	STRUCTURAL STEEL & IRO 5620							
	PAINT AND PAINTING SPL 5650							
165	MTR VEHICLE REP. PTS/S 5700	11200	10,576	392	232	83.3 3.5	10,729-	95.7-
	COMMUNICATION REPAIR P 5750							
	AGRICLTRL REPAIR PTS/S 5755	200			200	83.3	200-	100.0-
	EXPENDABLE WELDING SPL 5770	700			700	83.3	700-	100.0-
505	OTHER REPAIR/MAINT. SP 5990	7500	81	6754	665	83.3 90.0	604	8.0

670	REPAIR & MAINTENANCE	22850	10,657	9769	2423	83.3	42.7	11,127-	48.6-
1151	SUPPLIES AND EXPENSES	38200	10,724	15605	11871	83.3	40.8	19,474-	50.9-
	PROFESSIONAL SERVICES								
	APPRAISAL 6017								
	OTHER PROFESSIONAL SER 6049								
	PROFESSIONAL SERVICE								
	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP 6060								
	COMMUNICATIONS								
	TRANSPORTATION								
	TRAVEL EXPENSE 6110								
	TRANSPORTATION								
	ADVERTISING								
	ADVERTISING 6150								
	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING 6200								
	PRINTING AND BINDING								
	INSURANCE								
	FIRE & EXTENDED COVERA 6250								
	PUBLIC LIAB/PROPERTY D 6255								
	BOILER MACHINERY 6260								
	AUTOMOBILE INSURANCE 6265								
	INSURANCE								
27	UTILITIES								
1522	GAS 6300	1200		463	737	83.3	38.5	644-	53.6-
	ELECTRICITY 6305	14000		11851	2149	83.3	84.6	221	1.5
	WATER 6315								
1549	UTILITIES	15200		12314	2886	83.3	81.0	423-	2.7-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350	1000			1000	83.3		1,000-	100.0-
	STREETS & STRUCTURES R 6360								
	FIXED EQUIPMENT R&M 6380	2000		225	1775	83.3	11.2	1,730-	86.5-
	MINOR EQUIPMENT R&M 6382	500			500	83.3		500-	100.0-
	GENERATOR R&M 6383								
	MOTOR VEHICLE EQ. R&M 6384	2000	1,600		400	83.3		2,000-	100.0-
	CONSTRUCTION EQUIP R&M 6386								
	AGRICULTURAL EQ. R&M 6387	1000			1000	83.3		1,000-	100.0-
	COMMUNICATION EQ. R&M 6390								
90	DISINFECT./EXTERMINATI 6394	800		585	215	83.3	73.1	98-	12.2-
	OTHER REPAIRS AND MAIN 6399	58550	12,652	2937	42960	83.3	5.0	55,025-	93.9-

90	REPR/MAINT-OUTSIDE L	65850	14,252	3747	47850	83.3	5.6	61,353-	93.1-
	RENTALS								
	LAND RENT 6400								
	CYLINDER RENT 6425	200			200	83.3		200-	100.0-
	UNIFORM RENT 6430	750			750	83.3		750-	100.0-
	OTHER RENT 6449	2000		168	1832	83.3	8.4	1,798-	89.9-
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	RENTALS	2950		168	2782	83.3	5.6	2,748-	93.1-
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS 6840								
	REGISTRATION FEE/TUITI 6845	958			958	83.3		958-	100.0-
	SERVICES NOT SPECIFIED 6999	1000			1000	83.3		1,000-	100.0-
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	OTHER SERVICES & CHA	1958			1958	83.3		1,958-	100.0-
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1639	OTHER SERVICES & CHAR	85958	14,252	16229	55477	83.3	18.8	66,483-	77.3-
	LAND								
	LEASEHOLDS 7020								
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	LAND								
	BUILDING/BLD IMPROVEMEN								
	BUILDINGS 7100								
	STORAGE SHED 7100 23								
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	BUILDINGS								
	BUILDING IMPROVEMENTS 7150								
	HANGER #3 IMPROVEMENT 7150 32								
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	BUILDING IMPROVEMEN								
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	BUILDING/BLD IMPROVE								
	IMPROVEMENT OTHER THAN								
	DRAINS 7215								
	OTHER IMPROVEMENTS 7295								
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	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	AGRICULTURAL EQUIPMENT 7335								
	CONSTRUCTION EQUIPMENT 7345								
	COMMUNICATION EQUIPMEN 7355								
	OTHER EQUIPMENT 7399								
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	MACHINERY AND EQUIPM								
	VEHICLES								
	PICK UP TRUCKS 7420								
	SPECIAL TRUCKS 7450								
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	VEHICLES								
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	CAPITAL OUTLAY								
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14336	EXPENDITURES	203721	24,976	98683	80061	83.3	48.4	85,301-	41.8-

001553 - GENERAL FUND-CEMETERY DIV

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
33125	REGULAR WAGES 4000	482309		327697	154612	83.3 67.9	89,072-	18.4-
	DISASTER RECOVERY WAGE 4010			9683	9683-		11,619	
1427	OVERTIME 4300	18000		18527	527-	83.3 102.9	4,232	23.5
	DISASTER RECOVERY OVER 4310			2615	2615-		3,138	
34552	SALARIES	500309		358521	141788	83.3 71.6	70,083-	14.0-
EMPLOYEE BENEFITS								
5442	STATE RETIREMENT 4600	78799		56467	22332	83.3 71.6	11,038-	14.0-
2567	F.I.C.A. TAXES 4700	38274		26817	11457	83.3 70.0	6,093-	15.9-
8000	HOSPITALIZATION INS. 4800	118800		94700	24100	83.3 79.7	5,160-	4.3-
	UNEMPLOYMENT BENEFITS 4900	1000		1000	1000	83.3	1,000-	100.0-
37661	WORKMAN'S COMPENSATION 4910	19699		37661	17962-	83.3 191.1	25,494	129.4
53670	EMPLOYEE BENEFITS	256572		215646	40926	83.3 84.0	2,203	.8
88222	PERSONAL SERVICES	756881		574167	182714	83.3 75.8	67,880-	8.9-
OFFICE SUPPLIES								
	PAPER 5003	100		27	73	83.3 27.0	67-	67.0-
	PRINTED FORMS 5005							
196	OTHER EXPENDABLE OFF.S 5010	1790		1692	98	83.3 94.5	240	13.4
	MINOR OFFICE EQUIP/FUR 5020	910		192	718	83.3 21.0	679-	74.6-
	PUBLIC EDUCATION MAT'L 5032							
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
196	OFFICE SUPPLIES	2800		1910	890	83.3 68.2	508-	18.1-
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100	2000	108	1176	716	83.3 58.8	588-	29.4-
	FOOD 5115							
	MEDICAL SUPPLIES 5120							
	CHEMICALS 5130	1700		293	1407	83.3 17.2	1,348-	79.2-
2340	GAS AND OIL 5250	22000		14834	7166	83.3 67.4	4,199-	19.0-
337	LUBRICANTS 5255	500		337	163	83.3 67.4	95-	19.0-
1165	DIESEL FUEL 5257	17500		10523	6977	83.3 60.1	4,872-	27.8-
	WEARING APPAREL 5355	2100	669	780	652	83.3 37.1	1,164-	55.4-
	ASPHALT & ASPHALT PROD 5400							
	CONCRETE, CEMENT, ETC. 5405	200			200	83.3	200-	100.0-
	SAND,CLAY,GRVL,FILL DI 5415	3000		2160	840	83.3 72.0	408-	13.6-
	DRAINAGE PIPE & CULVER 5420							
260	HORT./LANDSCAPING SPLY 5440	4000	320	2674	1006	83.3 66.8	791-	19.7-
170	HAND TOOLS 5450	800		348	452	83.3 43.5	382-	47.7-

945	MINOR EQUIPMENT	5460	4500	3572	928	83.3	79.3	213-	4.7-	
	PUMPING EQUIPMENT PART	5495								
	TRAFFIC SIGNS	5545								
	OTHER OPERATING MATL/S	5590	500	376	124	83.3	75.2	48-	9.6-	
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5216	OPERATING SUPPLIES		58800	1,097	37074	20629	83.3	63.0	14,311-	24.3-
	REPAIR & MAINTENANCE SP									
355	BUILDING MATERIALS & S	5600	2000	561	1439	83.3	28.0	1,326-	66.3-	
	ELECTRICAL SUPPLIES	5605	500	57	443	83.3	11.4	431-	86.2-	
	PLUMBING SUPPLIES	5610	500	172	328	83.3	34.4	293-	58.6-	
	STRUCTURAL STEEL & IRO	5620								
	PAINT AND PAINTING SPL	5650								
2550	MTR VEHICLE REP. PTS/S	5700	13570	609	12369	592	83.3	91.1	1,272	9.3
	COMMUNICATION REPAIR P	5750	500		500	83.3		500-	100.0-	
628	AGRICLTRL REPAIR PTS/S	5755	4930	112	4596	222	83.3	93.2	585	11.8
	EXPENDABLE WELDING SPL	5770								
	OTHER REPAIR/MAINT. SP	5990	100		100	83.3		100-	100.0-	
	DISASTER REPAIR SUPPLI	5995	1250		1242	8	83.3	99.3	240	19.2
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3533	REPAIR & MAINTENANCE		23350	721	18997	3632	83.3	81.3	553-	2.3-
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8945	SUPPLIES AND EXPENSES		84950	1,818	57982	25151	83.3	68.2	15,371-	18.0-
	PROFESSIONAL SERVICES									
	ENGINEERING	6015								
	LEGAL	6025								
	MEDICAL	6027								
308	OTHER PROFESSIONAL SER	6049	3800		3036	764	83.3	79.8	156-	4.1-
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308	PROFESSIONAL SERVICE		3800		3036	764	83.3	79.8	156-	4.1-
	COMMUNICATIONS									
114	TELEPHONE AND TELEGRAP	6060	1500		975	525	83.3	65.0	330-	22.0-
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114	COMMUNICATIONS		1500		975	525	83.3	65.0	330-	22.0-
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	1000		270	730	83.3	27.0	676-	67.6-
7	FREIGHT	6120	175	19	99	57	83.3	56.5	56-	32.0-
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7	TRANSPORTATION		1175	19	369	787	83.3	31.4	732-	62.2-
	ADVERTISING									
	ADVERTISING	6150								
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	ADVERTISING									
	PRINTING AND BINDING									
	PRINTING	6200								
	BLUELINES	6210								
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	PRINTING AND BINDING									
	INSURANCE									
	FIRE & EXTENDED COVERA	6250								
	PUBLIC LIAB/PROPERTY D	6255								
	AUTOMOBILE INSURANCE	6265								

-----	INSURANCE	-----	-----	-----	-----	-----	-----	-----	-----
	UTILITIES								
13	GAS 6300	1000		409	591	83.3	40.9	509-	50.9-
651	ELECTRICITY 6305	7126		4687	2439	83.3	65.7	1,501-	21.0-
	WATER 6315								
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664	UTILITIES	8126		5095	3031	83.3	62.6	2,012-	24.7-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350	500			500	83.3		500-	100.0-
	ELECTRICAL R&M 6355								
	PLUMBING EQUIPMENT R&M 6357								
	STREETS & STRUCTURES R 6360	13400			13400	83.3		13,400-	100.0-
	OFFICE EQUIPMENT R&M 6365	135			135	83.3		135-	100.0-
	FIXED EQUIPMENT R&M 6380								
	MINOR EQUIPMENT R&M 6382								
88	MOTOR VEHICLE EQ. R&M 6384	14215	625	4997	8593	83.3	35.1	8,218-	57.8-
	CONSTRUCTION EQUIP R&M 6386	8500		1501	6999	83.3	17.6	6,698-	78.8-
	AGRICULTURAL EQ. R&M 6387	700	80		620	83.3		700-	100.0-
	COMMUNICATION EQ. R&M 6390								
	CLEANING AND PAINTING 6392								
118	DISINFECT./EXTERMINATI 6394	1000		653	347	83.3	65.3	216-	21.6-
	SIGN PAINTING 6396								
250	TOW IN CHARGES 6398	1350		1000	350	83.3	74.0	150-	11.1-
	OTHER REPAIRS AND MAIN 6399	1500		229	1271	83.3	15.2	1,225-	81.6-
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455	REPR/MAINT-OUTSIDE L	41300	705	8381	32214	83.3	20.2	31,242-	75.6-
	RENTALS								
	MACHINERY RENT 6420								
	CYLINDER RENT 6425								
803	UNIFORM RENT 6430	3500		2732	768	83.3	78.0	221-	6.3-
156	MOP-MAT-RAG RENT 6435	1350		1019	331	83.3	75.4	127-	9.4-
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959	RENTALS	4850		3751	1099	83.3	77.3	348-	7.1-
	OTHER SERVICES & CHARGE								
	THEFT LOSS 6818	10			10	83.3		10-	100.0-
	DUES AND MEMBERSHIPS 6840	290		160	130	83.3	55.1	98-	33.7-
	REGISTRATION FEE/TUITI 6845	300		150-	450	83.3	50.0	120-	40.0-
	SERVICES NOT SPECIFIED 6999								
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	OTHER SERVICES & CHA	600		10	590	83.3	1.6	588-	98.0-
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2508	OTHER SERVICES & CHAR	61351	724	21617	39010	83.3	35.2	35,410-	57.7-
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	LAND								
	LAND 7000	1000		875	125	83.3	87.5	50	5.0
	SITE IMPROVEMENT 7045	69200			69200	83.3		69,200-	100.0-
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	LAND	70200		875	69325	83.3	1.2	69,150-	98.5-
	BUILDING/BLD IMPROVEMEN								
	BUILDINGS 7100								
	BUILDING IMPROVEMENTS 7150								

	HIGHLAND	7150 13							
	BUILDING IMPROVEMEN								
	BUILDING/BLD IMPROVE								
	IMPROVEMENT OTHER THAN								
	FENCES/RAILINGS	7212	800	647	153	83.3		800-	100.0-
	DRAINS	7215							
	STREETS & ROADWAYS	7230							
	LANDSCAPING	7250							
	C & N TREE GRANT	7250 02							
	LANDSCAPING								
	OTHER IMPROVEMENTS	7295							
	IMPROVEMENT OTHER TH		800	647	153	83.3		800-	100.0-
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP.	7325							
	AGRICULTURAL EQUIPMENT	7335							
	CONSTRUCTION EQUIPMENT	7345							
	COMMUNICATION EQUIPMEN	7355							
	PIPE	7370							
	OTHER EQUIPMENT	7399							
	MACHINERY AND EQUIPM								
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
	DUMP TRUCKS	7440	60000		60000	83.3		60,000-	100.0-
	VEHICLES		60000		60000	83.3		60,000-	100.0-
	CAPITAL OUTLAY		131000	647	875	129478	83.3 .6	129,950-	99.1-
99674	EXPENDITURES		1034182	3,189	654641	376353	83.3 63.3	248,612-	24.0-

001560 - GENERAL FUND-PARKING OPER.

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
12537	REGULAR WAGES 4000	168420		132014	36406	83.3 78.3	10,003-	5.9-
	DISASTER RECOVERY WAGE 4010							
111	OVERTIME 4300	2000		2192	192-	83.3 109.6	630	31.5
	DISASTER RECOVERY OVER 4310							
12648	SALARIES	170420		134206	36214	83.3 78.7	9,372-	5.4-
EMPLOYEE BENEFITS								
1902	STATE RETIREMENT 4600	26841		16850	9991	83.3 62.7	6,621-	24.6-
913	F.I.C.A. TAXES 4700	13037		9716	3321	83.3 74.5	1,377-	10.5-
1500	HOSPITALIZATION INS. 4800	19800		16500	3300	83.3 83.3		
	UNEMPLOYMENT BENEFITS 4900	500			500	83.3	500-	100.0-
7804	WORKMAN'S COMPENSATION 4910	4082		7804	3722-	83.3 191.1	5,282	129.3
12118	EMPLOYEE BENEFITS	64260		50870	13390	83.3 79.1	3,216-	5.0-
24767	PERSONAL SERVICES	234680		185076	49604	83.3 78.8	12,588-	5.3-
OFFICE SUPPLIES								
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	500	320	20	160	83.3 4.0	476-	95.2-
250	MINOR OFFICE EQUIP/FUR 5020	700		625	75	83.3 89.2	50	7.1
	COMPUTER SUPPLIES 5080							
250	OFFICE SUPPLIES	1200	320	646	234	83.3 53.8	424-	35.3-
OPERATING SUPPLIES								
59	CLEANING/JANITORIAL SP 5100	300	36	168	96	83.3 56.0	98-	32.6-
	CHEMICALS 5130	50			50	83.3	50-	100.0-
40	GAS AND OIL 5250	1200		1193	7	83.3 99.4	231	19.2
	WEARING APPAREL 5355	770		270	500	83.3 35.0	446-	57.9-
	HORT./LANDSCAPING SPLY 5440							
9	MINOR EQUIPMENT 5460	2020	299	1663	58	83.3 82.3	24-	1.1-
10	OTHER OPERATING MATL/S 5590	750	150	121	479	83.3 16.1	604-	80.5-
119	OPERATING SUPPLIES	5090	485	3415	1190	83.3 67.0	992-	19.4-
REPAIR & MAINTENANCE SP								
	ELECTRICAL SUPPLIES 5605	1500	152	302	1046	83.3 20.1	1,137-	75.8-
	PAINT AND PAINTING SPL 5650	1020		57-	1077	83.3 5.5	951-	93.2-
	MTR VEHICLE REP. PTS/S 5700	280			280	83.3	280-	100.0-
	REPAIR & MAINTENANCE	2800	152	245	2403	83.3 8.7	2,506-	89.5-

369	SUPPLIES AND EXPENSES	9090	957	4305	3828	83.3	47.3	3,924-	43.1-
	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP 6060								
	POSTAGE 6070								
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	COMMUNICATIONS								
	INSURANCE								
	PUBLIC LIAB/PROPERTY D 6255								
	AUTOMOBILE INSURANCE 6265								
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	INSURANCE								
	UTILITIES								
1013	ELECTRICITY 6305	16000		11083	4917	83.3	69.2	2,700-	16.8-
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1013	UTILITIES	16000		11083	4917	83.3	69.2	2,700-	16.8-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350	10000	75	899	9026	83.3	8.9	8,921-	89.2-
	ELECTRICAL R&M 6355	100			100	83.3		100-	100.0-
	PLUMBING EQUIPMENT R&M 6357	500		97	403	83.3	19.4	383-	76.6-
	OFFICE EQUIPMENT R&M 6365								
	FIXED EQUIPMENT R&M 6380	10000	1,723	195	8082	83.3	1.9	9,766-	97.6-
	MOTOR VEHICLE EQ. R&M 6384	2000		424	1576	83.3	21.2	1,491-	74.5-
	SIGN PAINTING 6396	500			500	83.3		500-	100.0-
	TOW IN CHARGES 6398	150			150	83.3		150-	100.0-
468	OTHER REPAIRS AND MAIN 6399	6000		4637	1363	83.3	77.2	435-	7.2-
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468	REPR/MAINT-OUTSIDE L	29250	1,798	6252	21200	83.3	21.3	21,747-	74.3-
	RENTALS								
2019	PARKING GARAGE/LOT REN 6402	25000		19956	5044	83.3	79.8	1,052-	4.2-
	OTHER RENT 6449	100			100	83.3		100-	100.0-
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2019	RENTALS	25100		19956	5144	83.3	79.5	1,152-	4.5-
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3500	OTHER SERVICES & CHAR	70350	1,798	37290	31262	83.3	53.0	25,602-	36.3-
	LAND								
	LAND 7000								
	LEASEHOLDS 7020								
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	LAND								
	IMPROVEMENT OTHER THAN								
	FENCES/RAILINGS 7212								
	PARKING LOT/DRIVEWAY 7227								
	PARKING LOTS-GENERAL 7227 01								
	PINE ST GARAGE 7227 02								
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	PARKING LOT/DRIVEWA								
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	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP. 7325								

-----	MACHINERY AND EQUIPM	-----	-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----	AUTOMOBILES	7400	-----	-----	-----	-----	-----	-----	-----
-----	VEHICLES		-----	-----	-----	-----	-----	-----	-----
-----	CAPITAL OUTLAY		-----	-----	-----	-----	-----	-----	-----
-----	EXPENDITURES		-----	-----	-----	-----	-----	-----	-----
28635		314120	2,755	226671	84694	83.3	72.1	42,114-	13.4-

002300 - PKS/REC-RECREATION MAINT. DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
69833	REGULAR WAGES 4000	832522		605469	227053	83.3 72.7	105,959-	12.7-
	DISASTER RECOVERY WAGE 4010			8953	8953-		10,743	
10876	OVERTIME 4300	40000		34549	5451	83.3 86.3	1,458	3.6
	DISASTER RECOVERY OVER 4310			1870	1870-		2,244	
80709	SALARIES	872522		650840	221682	83.3 74.5	91,514-	10.4-
EMPLOYEE BENEFITS								
10050	STATE RETIREMENT 4600	137422		98284	39138	83.3 71.5	19,481-	14.1-
6098	F.I.C.A. TAXES 4700	65868		49073	16795	83.3 74.5	6,980-	10.5-
12750	HOSPITALIZATION INS. 4800	224353		176819	47534	83.3 78.8	12,170-	5.4-
	UNEMPLOYMENT BENEFITS 4900	5720		5720		83.3 100.0	1,144	20.0
33604	WORKMAN'S COMPENSATION 4910	28113		33604	5491-	83.3 119.5	12,211	43.4
62502	EMPLOYEE BENEFITS	461476		363500	97976	83.3 78.7	25,276-	5.4-
143211	PERSONAL SERVICES	1333998		1014340	319658	83.3 76.0	116,790-	8.7-
OFFICE SUPPLIES								
	PAPER 5003							
	PRINTED FORMS 5005							
43	OTHER EXPENDABLE OFF.S 5010	2300	289	1852	159	83.3 80.5	77-	3.3-
	MINOR OFFICE EQUIP/FUR 5020	14364		14323	41	83.3 99.7	2,823	19.6
	PHOTO SUPPLIES 5040							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080							
43	OFFICE SUPPLIES	16664	289	16176	199	83.3 97.0	2,747	16.4
OPERATING SUPPLIES								
887	CLEANING/JANITORIAL SP 5100	16000		12774	3226	83.3 79.8	671-	4.1-
	MEDICAL SUPPLIES 5120	400		398	2	83.3 99.5	77	19.2
3105	CHEMICALS 5130	31500		28319	3181	83.3 89.9	2,482	7.8
5308	GAS AND OIL 5250	61000		47389	13611	83.3 77.6	4,133-	6.7-
258	LUBRICANTS 5255	3000	15	2512	473	83.3 83.7	14	.4
	DIESEL FUEL 5257	2500		602	1898	83.3 24.0	1,777-	71.0-
	WEARING APPAREL 5355	3000		200	2800	83.3 6.6	2,760-	92.0-
	ASPHALT & ASPHALT PROD 5400							
	CONCRETE, CEMENT, ETC. 5405	1000		820	180	83.3 82.0	16-	1.6-
1358	SAND,CLAY,GRVL,FILL DI 5415	16500		13454	3046	83.3 81.5	355-	2.1-
240	HORT./LANDSCAPING SPLY 5440	47000	80	45215	1705	83.3 96.2	7,258	15.4
54	HAND TOOLS 5450	3500		3465	35	83.3 99.0	658	18.8
964	MINOR EQUIPMENT 5460	12600	237	11629	734	83.3 92.2	1,354	10.7
250	RECREATIONAL SUPPLIES 5510	28000	1,656	24168	2176	83.3 86.3	1,001	3.5
	OTHER OPERATING MATL/S 5590	6000		5994	6	83.3 99.9	1,192	19.8

	OTHER OPER.MATLS-KAB	5591	6000		4095	1905	83.3	68.2	1,086-	18.1-
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12422	OPERATING SUPPLIES		238000	1,988	201035	34977	83.3	84.4	3,242	1.3
	REPAIR & MAINTENANCE SP									
347	BUILDING MATERIALS & S	5600	17850	1,436	7925	8489	83.3	44.3	8,340-	46.7-
3929	ELECTRICAL SUPPLIES	5605	25000	2,357	20669	1974	83.3	82.6	197-	.7-
175	PLUMBING SUPPLIES	5610	8500		5017	3483	83.3	59.0	2,479-	29.1-
	STRUCTURAL STEEL & IRO	5620	500			500	83.3		500-	100.0-
1760	PAINT AND PAINTING SPL	5650	18000	903	16648	449	83.3	92.4	1,977	10.9
566	MTR VEHICLE REP. PTS/S	5700	18000	518	11943	5539	83.3	66.3	3,668-	20.3-
	COMMUNICATION REPAIR P	5750	1700		699	1001	83.3	41.1	861-	50.6-
2671	AGRICLTRL REPAIR PTS/S	5755	33500	883	26188	6429	83.3	78.1	2,074-	6.1-
394	OTHER REPAIR/MAINT. SP	5990	1500		1115	385	83.3	74.3	162-	10.8-
	VANDALISM REPAIR PARTS	5992								
	REPR SPLY-8/29/05 STOR	5995	10000	2,417	4512	3071	83.3	45.1	4,585-	45.8-
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9842	REPAIR & MAINTENANCE		134550	8,514	94718	31319	83.3	70.3	20,888-	15.5-
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22307	SUPPLIES AND EXPENSES		389214	10,791	311928	66496	83.3	80.1	14,900-	3.8-
	PROFESSIONAL SERVICES									
	CONSULTANT SERV/SURVEY	6020	9904	203	9684	17	83.3	97.7	1,716	17.3
	OTHER PROFESSIONAL SER	6049	28947		28009	938	83.3	96.7	4,663	16.1
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	PROFESSIONAL SERVICE		38851	203	37693	954	83.3	97.0	6,380	16.4
	COMMUNICATIONS									
311	TELEPHONE AND TELEGRAP	6060	2300		1680	620	83.3	73.0	284-	12.3-
	POSTAGE	6070	100			100	83.3		100-	100.0-
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311	COMMUNICATIONS		2400		1680	720	83.3	70.0	384-	16.0-
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	450			450	83.3		450-	100.0-
60	FREIGHT	6120	5778	395	4831	551	83.3	83.6	19	.3
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60	TRANSPORTATION		6228	395	4831	1001	83.3	77.5	430-	6.9-
	ADVERTISING									
	ADVERTISING	6150	3500		3500		83.3	100.0	700	20.0
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	ADVERTISING		3500		3500		83.3	100.0	700	20.0
	PRINTING AND BINDING									
	PRINTING	6200	300			300	83.3		300-	100.0-
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	PRINTING AND BINDING		300			300	83.3		300-	100.0-
	INSURANCE									
	PUBLIC LIAB/PROPERTY D	6255								
	AUTOMOBILE INSURANCE	6265								
	OTHER INSURANCE	6299								
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	INSURANCE									
	UTILITIES									
	GAS	6300								
2751-	ELECTRICITY	6305	10000		8697	1303	83.3	86.9	436	4.3

BUILDINGS	7100							
DAHMER PARK	7100 08							
TATUM PARK	7100 10							
SAENGER BLD/JDS CTR.	7100 19							

BUILDINGS								
BUILDING IMPROVEMENTS	7150							
REC.CENTER (OLD YMCA)	7150 10							
BURGER CTR(6TH ST)	7150 12							
GROUNDS MAINT,SHOP	7150 31							
UNETTA STREET GYM	7150 36							

BUILDING IMPROVEMEN								

BUILDING/BLD IMPROVE								
IMPROVEMENT OTHER THAN								
PARKING LOT/DRIVEWAY	7227							
PARK & PLAYGROUND LIGH	7240							
SMOKEY HERRINGTON FIEL	7243							
TRACKS	7244							
JAYCEE BALLPK/WORLD SE	7248							
LANDSCAPING	7250							
MDOT-INTERCHANGE ENHA	7250 01							
TREE RECOVERY (GRANT)	7250 02							
DOWNTOWN LANDSCAPING	7250 03							

LANDSCAPING								
POOLS	7252							
DAHMER POOL	7252 01	65000		65000	83.3		65,000-	100.0-
REC CENTER POOL	7252 02							
5TH STREET POOL	7252 03							
CITY PARK-BUSCHMAN	7252 04							
BEN MCNAIR POOL	7252 05	125000		32100	92900	83.3 25.6	86,480-	69.1-

POOLS		190000		32100	157900	83.3 16.8	151,480-	79.7-
RECREATION IMPROVEMENT	7256							
TATUM PARK	7256 01							
PEOPLE'S PARK-PALMERS	7256 03							
TIPTON STREET	7256 04							
9TH STREET BALLPARK	7256 05							
JAYCEE BALLPARK	7256 06							
5TH STREET COMM. CTR.	7256 07							
SAN ANTONIO SCORE BOO	7256 10							
HOPE PARK	7256 11							
MOBILE ST. POCKET PAR	7256 14							
MILTON BARNES WALKING	7256 15							

RECREATION IMPROVEM								
OTHER IMPROVEMENTS	7295							
KAMPER PK TENNIS/WLK	7295 03							
THAMES ELEMENTARY	7295 05							
TIMBERTON IMPROVEMENT	7295 13							

	PLAYGROUND IMPROVEMEN	7295 15								
	DAHMER PARK	7295 18								
	CAMERON FIELD	7295 19								
	REC.FAC. - STORM DAMA	7295 40								
	DUNCAN LAKE	7295 42								
	CHAIN PARK	7295 43								
	VETERAN'S PARK	7295 46								
	TATUM PARK/DIXIE YOUT	7295 49	116750	2,304	114446	83.3	98.0	20,585	17.6	
	KATZ PARK WALL	7295 50								
	TOWN SQUARE PARK	7295 52								
	MISC.OTHER IMPROVEMEN	7295 99								
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	OTHER IMPROVEMENTS		116750	2,304	114446	83.3	98.0	20,585	17.6	
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	IMPROVEMENT OTHER TH		306750	2,304	146546	157900	83.3	47.7	130,894-	42.6-
	MACHINERY AND EQUIPMENT									
	8/29/05 STORM EQUIP	7302								
	OFFICE FURN/EQUIP.	7325								
	DATA PROCESSING EQUIP.	7327								
	AGRICULTURAL EQUIPMENT	7335	58500		940	57560	83.3	1.6	57,372-	98.0-
	RECREATIONAL EQUIPMENT	7350								
	COMMUNICATION EQUIPMEN	7355								
	OTHER EQUIPMENT	7399								
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	MACHINERY AND EQUIPM		58500		940	57560	83.3	1.6	57,372-	98.0-
	VEHICLES									
	BUSES	7410								
	PICK UP TRUCKS	7420								
	SPECIAL TRUCKS	7450								
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	VEHICLES									
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	CAPITAL OUTLAY		365250	2,304	147486	215460	83.3	40.3	188,266-	51.5-
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226256	EXPENDITURES		2701324	51,687	1922909	726728	83.3	71.1	393,833-	14.5-

002315 - PKS/REC-REC.ADMIN/COM.REL.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
57667	REGULAR WAGES 4000	344113		282792	61321	83.3 82.1	4,762-	1.3-
	DISASTER RECOVERY WAGE 4010			865	865-		1,038	
158	OVERTIME 4300			697	697-		836	
	DISASTER RECOVERY OVER 4310			1041	1041-		1,249	
57825	SALARIES	344113		285396	58717	83.3 82.9	1,637-	.4-
EMPLOYEE BENEFITS								
3224	STATE RETIREMENT 4600	54355		34000	20355	83.3 62.5	13,555-	24.9-
4356	F.I.C.A. TAXES 4700	26401		20985	5416	83.3 79.4	1,219-	4.6-
3000	HOSPITALIZATION INS. 4800	46200		38000	8200	83.3 82.2	600-	1.2-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	83.3	500-	100.0-
16160	WORKMAN'S COMPENSATION 4910	15365		16160	795-	83.3 105.1	4,027	26.2
26740	EMPLOYEE BENEFITS	142821		109145	33676	83.3 76.4	11,847-	8.2-
84565	PERSONAL SERVICES	486934		394541	92393	83.3 81.0	13,484-	2.7-
OFFICE SUPPLIES								
	PAPER 5003	1350		520	830	83.3 38.5	726-	53.7-
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	2000	731	1073	196	83.3 53.6	712-	35.6-
	MINOR OFFICE EQUIP/FUR 5020							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080	8100		6840	1260	83.3 84.4	108	1.3
	OFFICE SUPPLIES	11450	731	8433	2286	83.3 73.6	1,330-	11.6-
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100							
	HOUSEHOLD SUPPLIES 5110							
	FOOD 5115							
119	MEDICAL SUPPLIES 5120	200		119	81	83.3 59.5	57-	28.5-
	CHEMICALS 5130	8500		3485	5015	83.3 41.0	4,318-	50.8-
	SERVE-SAFE SUPPLIES 5155	200		200	200	83.3	200-	100.0-
137	GAS AND OIL 5250	9300		1704	7596	83.3 18.3	7,255-	78.0-
	LUBRICANTS 5255							
	OTHER FUEL 5260							
	WEARING APPAREL 5355	850			850	83.3	850-	100.0-
	CONCRETE, CEMENT, ETC. 5405							
	SAND,CLAY,GRVL,FILL DI 5415							
	HORT./LANDSCAPING SPLY 5440							
	MINOR EQUIPMENT 5460	5000			5000	83.3	5,000-	100.0-
3596	RECREATIONAL SUPPLIES 5510	60087	3,160	36381	20546	83.3 60.5	16,429-	27.3-

	MDSE FOR RESALE	5520							
	CERAMIC SUP.FOR RESALE	5521	1000		1000	83.3		1,000-	100.0-
	OTHER OPERATING MATL/S	5590							
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3852	OPERATING SUPPLIES		85137	3,160	41689	40288	83.3 48.9	35,110-	41.2-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S	5600							
	ELECTRICAL SUPPLIES	5605							
	PLUMBING SUPPLIES	5610							
	STRUCTURAL STEEL & IRO	5620							
	PAINT AND PAINTING SPL	5650	200			200	83.3	200-	100.0-
	MTR VEHICLE REP. PTS/S	5700	1200		13	1187	83.3 1.0	1,184-	98.6-
	RECREATIONAL EQ. REP P	5765							
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	REPAIR & MAINTENANCE		1400		13	1387	83.3 .9	1,384-	98.8-
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3852	SUPPLIES AND EXPENSES		97987	3,891	50136	43960	83.3 51.1	37,823-	38.6-
	PROFESSIONAL SERVICES								
	ARCHITECTURAL	6012							
	CONSULTANT SERV/SURVEY	6020							
	CONTRACTUAL PROGRAMS	6032							
8108	OFFICIALS	6034	89644		42514	47130	83.3 47.4	38,627-	43.0-
5128	OTHER PROFESSIONAL SER	6049	157708	9,400	124772	23536	83.3 79.1	7,981-	5.0-
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13236	PROFESSIONAL SERVICE		247352	9,400	167286	70666	83.3 67.6	46,608-	18.8-
	COMMUNICATIONS								
120	TELEPHONE AND TELEGRAP	6060	1760		987	773	83.3 56.0	575-	32.6-
	POSTAGE	6070							
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120	COMMUNICATIONS		1760		987	773	83.3 56.0	575-	32.6-
	TRANSPORTATION								
325	TRAVEL EXPENSE	6110	650		325	325	83.3 50.0	260-	40.0-
	CONTRACT TRAVEL	6115							
25	FREIGHT	6120	500	6	165	330	83.3 33.0	302-	60.4-
	MESSENGER/EXPRESS SERV	6130							
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350	TRANSPORTATION		1150	6	490	655	83.3 42.6	562-	48.8-
	ADVERTISING								
	ADVERTISING	6150							
	ADVERTISING-SPEC. EVEN	6152	2840		1500	1340	83.3 52.8	1,040-	36.6-
495	ADVERTISING-SENIOR FAR	6154	1300		1234	66	83.3 94.9	180	13.8
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495	ADVERTISING		4140		2734	1406	83.3 66.0	859-	20.7-
	PRINTING AND BINDING								
	PRINTING	6200							
	FILM PROCESSING	6240							
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	PRINTING AND BINDING								
	INSURANCE								
	PUBLIC LIAB/PROPERTY D	6255							
	BOILER MACHINERY	6260							

	OTHER INSURANCE	6299							
	INSURANCE								
	UTILITIES								
26	GAS	6300	4000	1785	2215	83.3	44.6	1,858-	46.4-
14996	ELECTRICITY	6305	185000	134832	50168	83.3	72.8	23,201-	12.5-
15022	UTILITIES		189000	136618	52382	83.3	72.2	25,058-	13.2-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M	6350	1000		1000	83.3		1,000-	100.0-
	ELECTRICAL R&M	6355							
	PLUMBING EQUIPMENT R&M	6357							
	OFFICE EQUIPMENT R&M	6365	1400		1400	83.3		1,400-	100.0-
	HOUSEHOLD EQUIPMENT R&	6370							
	FIXED EQUIPMENT R&M	6380							
	MINOR EQUIPMENT R&M	6382							
	MOTOR VEHICLE EQ. R&M	6384	2000		2000	83.3		2,000-	100.0-
	RECREATIONAL EQ. R&M	6388							
	COMMUNICATION EQ. R&M	6390							
125	DISINFECT./EXTERMINATI	6394	2000	1629	371	83.3	81.4	45-	2.2-
	SIGN PAINTING	6396	400		400	83.3		400-	100.0-
	TOW IN CHARGES	6398							
	OTHER REPAIRS AND MAIN	6399							
125	REPR/MAINT-OUTSIDE L		6800	1629	5171	83.3	23.9	4,845-	71.2-
	RENTALS								
	LAND RENT	6400							
	MACHINERY RENT	6420							
	CYLINDER RENT	6425							
	MOP-MAT-RAG-RENT	6435							
	OTHER RENT	6449	1100	1080	20	83.3	98.1	196	17.8
	RENTALS		1100	1080	20	83.3	98.1	196	17.8
	OTHER SERVICES & CHARGE								
376	PROP.TAX COLL. FEES .0	6830	7000	3262	3738	83.3	46.6	3,085-	44.0-
41	PROP.TAX COLL. FEES.00	6831	8000	5056	2944	83.3	63.2	1,932-	24.1-
	BANK SERV/TRF FEE	6832							
	DUES AND MEMBERSHIPS	6840	1000	860	140	83.3	86.0	32	3.2
	REGISTRATION FEE/TUITI	6845	900	180	720	83.3	20.0	684-	76.0-
	CONTRACT COACHES	6852							
	DAY CAMP COUNSELORS	6855							
	CUSTODIAL SERVICE	6870							
	SERVICES NOT SPECIFIED	6999	200		200	83.3		200-	100.0-
416	OTHER SERVICES & CHA		17100	9357	7743	83.3	54.7	5,871-	34.3-
29765	OTHER SERVICES & CHAR		468402	9,406	320182	83.3	68.3	84,183-	17.9-
	IMPROVEMENT OTHER THAN								
	PARKING LOT/DRIVEWAY	7227	46998	46,998	1	83.3		46,998-	100.0-
	OTHER IMPROVEMENTS	7295							

	IMPROVEMENT OTHER TH	46998	46,998		1	83.3	46,998-	100.0-
	MACHINERY AND EQUIPMENT							
	OFFICE FURN/EQUIP. 7325							
	DATA PROCESSING EQUIP. 7327							
	RECREATIONAL EQUIPMENT 7350							
	COMMUNICATION EQUIPMEN 7355							
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	MACHINERY AND EQUIPM							
	VEHICLES							
	PICK UP TRUCKS 7420							
-----		-----	-----	-----	-----	-----	-----	-----
	VEHICLES							
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY	46998	46,998		1	83.3	46,998-	100.0-
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118182	EXPENDITURES	1100321	60,295	764858	275169	83.3 69.5	182,491-	16.5-

002341 - PKS/REC-KAMPER PARK ZOO DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
	REGULAR WAGES	4000						
	DISASTER RECOVERY WAGE	4010						
	OVERTIME	4300						
	DISASTER RECOVERY OVER	4310						
-----			-----	-----	-----	-----	-----	-----
SALARIES								
EMPLOYEE BENEFITS								
	STATE RETIREMENT	4600						
	F.I.C.A. TAXES	4700						
	HOSPITALIZATION INS.	4800						
	UNEMPLOYMENT BENEFITS	4900						
	WORKMAN'S COMPENSATION	4910						
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EMPLOYEE BENEFITS								
-----			-----	-----	-----	-----	-----	-----
PERSONAL SERVICES								
OFFICE SUPPLIES								
	PAPER	5003						
	PRINTED FORMS	5005						
	OTHER EXPENDABLE OFF.S	5010						
	MINOR OFFICE EQUIP/FUR	5020						
	PHOTO SUPPLIES	5040						
	SUBSCRIPTIONS,MAGS,MAP	5050						
	BOOKS	5070						
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OFFICE SUPPLIES								
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP	5100						
	HOUSEHOLD SUPPLIES	5110						
	MEDICAL SUPPLIES	5120						
	CHEMICALS	5130						
	FEED FOR ANIMALS	5150						
	ANIMAL SUPPLIES	5160						
	GAS AND OIL	5250						
	LUBRICANTS	5255						
	DIESEL FUEL	5257						
	OTHER FUEL	5260						
	WEARING APPAREL	5355						
	CONCRETE, CEMENT, ETC.	5405						
	SAND,CLAY,GRVL,FILL DI	5415						
	HORT./LANDSCAPING SPLY	5440						
	HAND TOOLS	5450						

MINOR EQUIPMENT 5460
RECREATIONAL SUPPLIES 5510
CONCESSION SUPPLIES 5515
MDSE FOR RESALE-GIFTSH 5520
MDSE FOR RESALE-CONCES 5522
TRAFFIC SIGNS 5545
OTHER OPERATING MATL/S 5590

OPERATING SUPPLIES
REPAIR & MAINTENANCE SP
BUILDING MATERIALS & S 5600
ELECTRICAL SUPPLIES 5605
PLUMBING SUPPLIES 5610
STRUCTURAL STEEL & IRO 5620
PAINT AND PAINTING SPL 5650
MTR VEHICLE REP. PTS/S 5700
COMMUNICATION REPAIR P 5750
AGRICLTRL REPAIR PTS/S 5755
RECREATIONAL EQ. REP P 5765
OTHER REPAIR/MAINT. SP 5990

REPAIR & MAINTENANCE

SUPPLIES AND EXPENSES

PROFESSIONAL SERVICES
VETERINARIAN 6030
OTHER PROFESSIONAL SER 6049
OTHER PROF SERV-KPZ CO 6049 98

PROFESSIONAL SERVICE
COMMUNICATIONS
TELEPHONE AND TELEGRAP 6060
POSTAGE 6070

COMMUNICATIONS
TRANSPORTATION
TRAVEL EXPENSE 6110
FREIGHT 6120
MESSENGER/EXPRESS SERV 6130

TRANSPORTATION
ADVERTISING
ADVERTISING 6150

ADVERTISING
PRINTING AND BINDING
PRINTING 6200
FILM PROCESSING 6240

PRINTING AND BINDING
INSURANCE

PUBLIC LIAB/PROPERTY D 6255
BOILER MACHINERY 6260
AUTOMOBILE INSURANCE 6265

INSURANCE
UTILITIES
GAS 6300
ELECTRICITY 6305

UTILITIES
REPR/MAINT-OUTSIDE LABO
BUILDING R&M 6350
ELECTRICAL R&M 6355
PLUMBING EQUIPMENT R&M 6357
OFFICE EQUIPMENT R&M 6365
HOUSEHOLD EQUIPMENT R& 6370
FIXED EQUIPMENT R&M 6380
MINOR EQUIPMENT R&M 6382
MOTOR VEHICLE EQ. R&M 6384
AGRICULTURAL EQ. R&M 6387
RECREATIONAL EQ. R&M 6388
COMMUNICATION EQ. R&M 6390
DISINFECT./EXTERMINATI 6394
SIGN PAINTING 6396
TOW IN CHARGES 6398
OTHER REPAIRS AND MAIN 6399

REPR/MAINT-OUTSIDE L
RENTALS
LAND RENT 6400
BUILDING RENT 6405
MACHINERY RENT 6420
CYLINDER RENT 6425
UNIFORM RENT 6430
MOP-MAT-RAG RENT 6435
OTHER RENT 6449

RENTALS
OTHER SERVICES & CHARGE
THEFT LOSS 6818
DUES AND MEMBERSHIPS 6840
REGISTRATION FEE/TUITI 6845
CUSTODIAL SERVICE 6870
SALES TAX-KPZ RIDES 6996
SERVICES NOT SPECIFIED 6999

OTHER SERVICES & CHA

OTHER SERVICES & CHAR

BUILDING/BLD IMPROVEMEN
BUILDINGS 7100

K.P CONCESSION STAND 7100 06
REHAB. EXISTING BLDGS 7100 12

BUILDINGS
BUILDING IMPROVEMENTS 7150
ED CENTER HOLDING ARE 7150 08

BUILDING IMPROVEMEN

BUILDING/BLD IMPROVE
IMPROVEMENT OTHER THAN
PARKING LOT/DRIVEWAY 7227
STREETS & ROADWAYS 7230
PARK & PLAYGROUND LIGH 7240
LANDSCAPING 7250
OTHER IMPROVEMENTS 7295
TIGER EXHIBIT 7295 14
ZEBRA EXHIBIT 7295 17
SMALL ANIMAL EXHIBITS 7295 23
AFRICAN EXHIBIT 7295 25
PRAIRIE DOG EXHIBIT 7295 48
MISC.OTHER IMPROVEMEN 7295 99

OTHER IMPROVEMENTS

IMPROVEMENT OTHER TH
MACHINERY AND EQUIPMENT
HOUSEHOLD FURN/EQUIP. 7320
DATA PROCESSING EQUIP. 7327
AGRICULTURAL EQUIPMENT 7335
RECREATIONAL EQUIPMENT 7350
COMMUNICATION EQUIPMEN 7355
OTHER EQUIPMENT 7399

MACHINERY AND EQUIPM
VEHICLES
AUTOMOBILES 7400
PICK UP TRUCKS 7420

VEHICLES
OTHER
ZOOLOGICAL ANIMALS 7505

OTHER

CAPITAL OUTLAY

EXPENDITURES

004369 - LIBRARY FUND EXPENDITURES

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OTHER SERVICES & CHARGE							
366	PROP.TAX COLL. FEES .0 6830			3181	3181-		3,817	
40	PROP.TAX COLL. FEES.00 6831			4931	4931-		5,917	
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406	OTHER SERVICES & CHA			8111	8111-		9,733	
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406	OTHER SERVICES & CHAR			8111	8111-		9,733	
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406	EXPENDITURES			8111	8111-		9,733	

005160 - H.M.F.P.FUND-FIRE DIVISION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OFFICE SUPPLIES							
	MINOR OFFICE EQUIP/FUR 5020	3000			3000	83.3	3,000-	100.0-
	PUBLIC EDUCATION MAT'L 5032							
-----		-----	-----	-----	-----	-----	-----	-----
	OFFICE SUPPLIES	3000			3000	83.3	3,000-	100.0-
	OPERATING SUPPLIES							
	GAS AND OIL 5250							
	WEARING APPAREL 5355	59873		47256	12617	83.3 78.9	3,165-	5.2-
	MINOR EQUIPMENT 5460	400			400	83.3	400-	100.0-
	MINOR FIRE FIGHTING EQ 5462							
	HAZ.MAT SUPPLIES 5466							
	FIRE HOSE 5470	2088			2088	83.3	2,088-	100.0-
	SFTY/FIRE P/MATL CONTR 5535							
	OTHER OPER.MATLS-USM 5590	1500			1500	83.3	1,500-	100.0-
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	OPERATING SUPPLIES	63861		47256	16605	83.3 73.9	7,153-	11.2-
	REPAIR & MAINTENANCE SP							
	MTR VEHICLE REP. PTS/S 5700							
	COMMUNICATION REPAIR P 5750	525			525	83.3	525-	100.0-
	MINOR COMPUTER EQUIP. 5800	2000			2000	83.3	2,000-	100.0-
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	REPAIR & MAINTENANCE	2525			2525	83.3	2,525-	100.0-
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	SUPPLIES AND EXPENSES	69386		47256	22130	83.3 68.1	12,678-	18.2-
	OTHER PROFESSIONAL SER 6049	5175			5175	83.3	5,175-	100.0-
	TRANSPORTATION							
	TRAVEL EXPENSE 6110							
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	TRANSPORTATION							
	REPR/MAINT-OUTSIDE LABO							
	BUILDING R&M (USM) 6350	2500			2500	83.3	2,500-	100.0-
	MOTOR VEHICLE EQ. R&M 6384							
	COMMUNICATION EQ. R&M 6390							
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	REPR/MAINT-OUTSIDE L	2500			2500	83.3	2,500-	100.0-
	OTHER SERVICES & CHARGE							
	BANK SERV/TRF FEE 6832							
7251	REGISTRATION FEE/TUITI 6845	19295	60	16839	2396	83.3 87.2	911	4.7
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7251	OTHER SERVICES & CHA	19295	60	16839	2396	83.3 87.2	911	4.7
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7251	OTHER SERVICES & CHAR	26970	60	16839	10071	83.3 62.4	6,763-	25.0-

LAND									
LAND	7000								
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LAND									
BUILDING/BLD IMPROVEMEN									
BUILDINGS	7100								
FIRE DRILL TOWER	7100 02	6000		6000	83.3		6,000-	100.0-	
FIRE STATIONS	7100 20	4500		4400 100	83.3	97.7	780	17.3	
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BUILDINGS		10500		4400 6100	83.3	41.9	5,220-	49.7-	
BUILDING IMPROVEMENTS	7150								
FIRE STA IMPR-USM MON	7150 30								
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BUILDING IMPROVEMEN									
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BUILDING/BLD IMPROVE		10500		4400 6100	83.3	41.9	5,220-	49.7-	
IMPROVEMENT OTHER THAN									
PARKING LOT/DRIVEWAY	7227								
LANDSCAPING	7250								
OTHER IMPROVEMENTS	7295	9500		9500	83.3		9,500-	100.0-	
OTHER IMPROVEMENTS-USM	7297								
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IMPROVEMENT OTHER TH		9500		9500	83.3		9,500-	100.0-	
MACHINERY AND EQUIPMENT									
FIRE FIGHTING	7315	9270		9070 200	83.3	97.8	1,614	17.4	
HOUSEHOLD FURN/EQUIP.	7320								
OFFICE FURN/EQUIP.	7325								
DATA PROCESSING EQUIP.	7327								
AGRICULTURAL EQUIPMENT	7335								
COMMUNICATION EQUIPMEN	7355	45265		8047 37218	83.3	17.7	35,608-	78.6-	
COMMUNICATION EQ-USM	7356	49000		19886 29114	83.3	40.5	25,136-	51.2-	
HYDRANTS & METERS (USM)	7365								
OTHER EQUIP-USM MONIES	7398								
OTHER EQUIPMENT	7399								
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MACHINERY AND EQUIPM		103535		37003 66532	83.3	35.7	59,131-	57.1-	
VEHICLES									
AUTOMOBILES	7400								
MOTORCYCLES	7405								
BUSES	7410								
PICK UP TRUCKS	7420	60000		35465 24535	83.3	59.1	17,442-	29.0-	
HEAVY TRUCKS	7430								
FIRE TRUCKS	7435								
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VEHICLES		60000		35465 24535	83.3	59.1	17,442-	29.0-	
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CAPITAL OUTLAY		183535		76868 106667	83.3	41.8	91,293-	49.7-	
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7251 EXPENDITURES		279891	60	140963 138868	83.3	50.3	110,735-	39.5-	

005460 - H.M.F.P.FUND-CAPITAL LEASES

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	CAPITAL LEASE PAYMENTS							
	MDB-BLDG-FIRE STA #8 8515							
	FIRE TRUCKS LEASE-A'04 8527							
	FIRE TRUCKS LEASE-B'04 8528							
15673	FIRE TRUCKS LEASE-'16 8529	187320		155912	31408	83.3 83.2	225-	.1-
	FIRE PROT.EQUIP.LEASE 8530							
13922	FIRE TRUCKS LEASE-'11 8532	165737		137798	27939	83.3 83.1	379-	.2-
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29594	CAPITAL LEASE PAYMEN	353057		293710	59347	83.3 83.1	605-	.1-
	INTEREST ON CAPITAL LEA							
	MDB-BLDG-FIRE STA #8 8615							
	FIRE TRUCKS LEASE-A'04 8627							
	FIRE TRUCKS LEASE-B'04 8628							
705	FIRE TRUCKS LEASE-'16 8629	9218		7862	1356	83.3 85.2	216	2.3
	FIRE PROT.EQUIP.LEASE 8630							
419	FIRE TRUCKS LEASE-'11 8632	6351		5608	743	83.3 88.3	378	5.9
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1124	INTEREST ON CAPITAL	15569		13470	2099	83.3 86.5	595	3.8
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30718	DEBT SERVICE	368626		307180	61446	83.3 83.3	10-	
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30718	EXPENDITURES	368626		307180	61446	83.3 83.3	10-	

008201 - SPEC.ST.IMPR-STREET DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
OPERATING SUPPLIES								
	CHEMICALS 5130							
	GAS AND OIL 5250							
	LUBRICANTS 5255							
	OTHER FUEL 5260							
	ASPHALT & ASPHALT PROD 5400							
	CONCRETE, CEMENT, ETC. 5405							
	BRICK, STONE, MORTAR, ETC 5410							
	SAND, CLAY, GRVL, FILL DI 5415							
	DRAINAGE PIPE & CULVER 5420							
	HORT./LANDSCAPING SPLY 5440							
	MINOR EQUIPMENT 5460							
	TRAFFIC CONTROL EQ. SP 5540							
-----		-----	-----	-----	-----	-----	-----	-----
OPERATING SUPPLIES								
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600							
	PLUMBING SUPPLIES 5610							
	STRUCTURAL STEEL & IRO 5620							
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REPAIR & MAINTENANCE								
-----		-----	-----	-----	-----	-----	-----	-----
SUPPLIES AND EXPENSES								
PROFESSIONAL SERVICES								
	OTHER PROFESSIONAL SER 6049							
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PROFESSIONAL SERVICE								
	REPR/MAINT-OUTSIDE LABO							
	STREETS & STRUCTURES R 6360	297168	14,053	127255	155860	83.3 42.8	144,462-	48.6-
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	REPR/MAINT-OUTSIDE L	297168	14,053	127255	155860	83.3 42.8	144,462-	48.6-
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR	297168	14,053	127255	155860	83.3 42.8	144,462-	48.6-
LAND								
	LAND 7000							
	EASEMENTS 7010							
	STREETS & ROADWAYS 7230							
	4TH STREET 7230 09							
	LINCOLN RD-FAUS-#1 7230 12							
	LINCOLN RD-FAUS-#2 7230 17							
	LINCOLN RD-FAUS-#3 7230 27							
	LINCOLN RD-FAUS-#4 7230 29							

	CLASSIC DR-FAUS	7230 36							
	SOUTH 28TH-FAUS	7230 37							
	WALMART/TIF PROJECT	7230 80							
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	STREETS & ROADWAYS								
-----			-----	-----	-----	-----	-----	-----	-----
	LAND								
-----			-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY								
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	EXPENDITURES		297168	14,053	127255	155860	83.3 42.8	144,462-	48.6-

009660 - W&S O&M-CUSTOMER ACCT. DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
19579	REGULAR WAGES 4000	296482		228887	67595	83.3 77.2	21,817-	7.3-
	DISASTER RECOVERY WAGE 4010			839	839-		1,006	
229	OVERTIME 4300	4500		3365	1135	83.3 74.7	462-	10.2-
	DISASTER RECOVERY OVER 4310			147	147-		176	
19808	SALARIES	300982		233238	67744	83.3 77.4	21,096-	7.0-
EMPLOYEE BENEFITS								
3120	STATE RETIREMENT 4600	47405		36735	10670	83.3 77.4	3,323-	7.0-
1478	F.I.C.A. TAXES 4700	23025		17387	5638	83.3 75.5	2,160-	9.3-
5500	HOSPITALIZATION INS. 4800	85800		69050	16750	83.3 80.4	2,940-	3.4-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	83.3	500-	100.0-
4639	WORKMAN'S COMPENSATION 4910	4411		4639	228-	83.3 105.1	1,155	26.1
14737	EMPLOYEE BENEFITS	161141		127811	33330	83.3 79.3	7,767-	4.8-
34545	PERSONAL SERVICES	462123		361048	101075	83.3 78.1	28,865-	6.2-
OFFICE SUPPLIES								
80	PAPER 5003	3000	142	2004	854	83.3 66.8	595-	19.8-
	PRINTED FORMS 5005							
412	OTHER EXPENDABLE OFF.S 5010	3680	150	2874	656	83.3 78.0	231-	6.2-
156	MINOR OFFICE EQUIP/FUR 5020	1700		1636	64	83.3 96.2	263	15.4
	BOOKS 5070							
648	OFFICE SUPPLIES	8380	292	6514	1575	83.3 77.7	563-	6.7-
OPERATING SUPPLIES								
30	CLEANING/JANITORIAL SP 5100	1000		643	357	83.3 64.3	228-	22.8-
	MEDICAL SUPPLIES 5120							
805	GAS AND OIL 5250	12000		7955	4045	83.3 66.2	2,454-	20.4-
	LUBRICANTS 5255							
	CONCRETE, CEMENT, ETC. 5405							
1054	HAND TOOLS 5450	3000		2880	120	83.3 96.0	456	15.2
	MINOR EQUIPMENT 5460	2100		2100		83.3 100.0	420	20.0
	METER LOCKS 5467	5000		4877	123	83.3 97.5	852	17.0
	OTHER OPERATING MATL/S 5590	500	256		244	83.3	500-	100.0-
1889	OPERATING SUPPLIES	23600	256	18454	4890	83.3 78.1	1,455-	6.1-
REPAIR & MAINTENANCE SP								
	ELECTRICAL SUPPLIES 5605	500		72-	572	83.3 14.4	413-	82.6-
102	MTR VEHICLE REP. PTS/S 5700	3116	198	2834	85	83.3 90.9	284	9.1
	COMMUNICATION REPAIR P 5750							
92	OTHER REPAIR/MAINT. SP 5990	1000	129	399	471	83.3 39.9	521-	52.1-

194	REPAIR & MAINTENANCE		4616	327	3161	1128	83.3	68.4	822-	17.8-
2731	SUPPLIES AND EXPENSES		36596	875	28130	7592	83.3	76.8	2,840-	7.7-
	PROFESSIONAL SERVICES									
	AUDITING AND ACCOUNTIN	6010	25000			25000	83.3		25,000-	100.0-
	APPRAISAL	6017								
	LEGAL	6025								
	MEDICAL	6027								
986	OTHER PROFESSIONAL SER	6049	24000		13402	10599	83.3	55.8	7,917-	32.9-
986	PROFESSIONAL SERVICE		49000		13402	35599	83.3	27.3	32,917-	67.1-
623	COMMUNICATIONS									
	TELEPHONE AND TELEGRAP	6060	3520		3509	11	83.3	99.6	690	19.6
10000	POSTAGE	6070	49280		45496	3784	83.3	92.3	5,315	10.7
10623	COMMUNICATIONS		52800		49005	3795	83.3	92.8	6,006	11.3
	TRANSPORTATION									
	FREIGHT	6120	500	20	74	406	83.3	14.8	411-	82.2-
	TRANSPORTATION		500	20	74	406	83.3	14.8	411-	82.2-
	ADVERTISING									
	ADVERTISING	6150								
	ADVERTISING									
	PRINTING AND BINDING									
14	PRINTING	6200	4100		3377	723	83.3	82.3	47-	1.1-
14	PRINTING AND BINDING		4100		3377	723	83.3	82.3	47-	1.1-
	INSURANCE									
	AUTOMOBILE INSURANCE	6265								
	INSURANCE									
	UTILITIES									
13	GAS	6300	1200		461	739	83.3	38.4	646-	53.8-
551	ELECTRICITY	6305	6000		4248	1752	83.3	70.8	902-	15.0-
564	UTILITIES		7200		4709	2491	83.3	65.4	1,549-	21.5-
	REPR/MAINT-OUTSIDE LABO									
	BUILDING R&M	6350	4000		30	3970	83.3	.7	3,964-	99.1-
	OFFICE EQUIPMENT R&M	6365	5300		4573	727	83.3	86.2	187	3.5
	FIXED EQUIPMENT R&M	6380	1075	75	150-	1150	83.3	13.9	895-	83.2-
	MOTOR VEHICLE EQ. R&M	6384	8600	2	130	8468	83.3	1.5	8,444-	98.1-
	COMMUNICATION EQ. R&M	6390	800		720	80	83.3	90.0	64	8.0
	DISINFECT./EXTERMINATI	6394	900		375	525	83.3	41.6	450-	50.0-
	OTHER REPAIRS AND MAIN	6399	600			600	83.3		600-	100.0-
	REPR/MAINT-OUTSIDE L		21275	77	5678	15520	83.3	26.6	14,461-	67.9-
	RENTALS									
	BUILDING RENT	6405								
	OFFICE EQUIPMENT RENT	6410								
122	UNIFORM RENT	6430	1300		918	383	83.3	70.6	198-	15.2-

	MOP-MAT-RAG RENT	6435							
	OTHER RENT	6449							
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122	RENTALS		1300		918	383	83.3	70.6	198- 15.2-
	OTHER SERVICES & CHARGE								
	CASH OVERAGE/SHORTAGE	6819							
	BANK SERV/TRF FEE	6832							
	REFUNDS	6835							
	WATER RELATED REFUND	6835 WTR							
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	REFUNDS								
	NSF CHECKS	6836							
	DUES AND MEMBERSHIPS	6840							
	REGISTRATION FEE/TUITI	6845	1100		1100	83.3			1,100- 100.0-
	SERVICES NOT SPECIFIED	6999	4000		4000	83.3	100.0		800 20.0
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	OTHER SERVICES & CHA		5100		4000	1100	83.3	78.4	300- 5.8-
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12309	OTHER SERVICES & CHAR		141275	97	81162	60016	83.3	57.4	43,880- 31.0-
	BUILDING/BLD IMPROVEMEN								
	BUILDING IMPROVEMENTS	7150							
	WATER OFFICE RENOVATI	7150 16							
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	BUILDING IMPROVEMEN								
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	BUILDING/BLD IMPROVE								
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
	WATER UTILITY SOFTWARE	7329							
	CONSTRUCTION EQUIPMENT	7345							
	COMMUNICATION EQUIPMEN	7355							
	OTHER EQUIPMENT	7399							
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	MACHINERY AND EQUIPM								
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
	SPECIAL TRUCKS	7450							
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	VEHICLES								
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	CAPITAL OUTLAY								
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49584	EXPENDITURES		639994	972	470339	168683	83.3	73.4	75,587- 11.8-

009672 - W&S O&M-WATER TRANSMISSION DIV

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
37675	REGULAR WAGES 4000	507097		382284	124813	83.3 75.3	48,356-	9.5-
	DISASTER RECOVERY WAGE 4010			3929	3929-		4,714	
828	OVERTIME 4300	35000		18239	16761	83.3 52.1	13,113-	37.4-
	DISASTER RECOVERY OVER 4310			2673	2673-		3,207	
38503	SALARIES	542097		407125	134972	83.3 75.1	53,547-	9.8-
EMPLOYEE BENEFITS								
6064	STATE RETIREMENT 4600	85380		64122	21258	83.3 75.1	8,433-	9.8-
2867	F.I.C.A. TAXES 4700	41470		30518	10952	83.3 73.5	4,848-	11.6-
8500	HOSPITALIZATION INS. 4800	125400		100600	24800	83.3 80.2	4,680-	3.7-
	UNEMPLOYMENT BENEFITS 4900	1000		1000	1000	83.3	1,000-	100.0-
18203	WORKMAN'S COMPENSATION 4910	17308		18203	895-	83.3 105.1	4,535	26.2
35634	EMPLOYEE BENEFITS	270558		213443	57115	83.3 78.8	14,426-	5.3-
74137	PERSONAL SERVICES	812655		620569	192086	83.3 76.3	67,972-	8.3-
OFFICE SUPPLIES								
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010							
	MINOR OFFICE EQUIP/FUR 5020							
	SUBSCRIPTIONS, MAGS, MAP 5050							
OFFICE SUPPLIES								
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100							
	MEDICAL SUPPLIES 5120							
	CHEMICALS 5130	30000			30000	83.3	30,000-	100.0-
3590	GAS AND OIL 5250	20000		32018	12018-	83.3 160.0	18,421	92.1
	NATURAL GAS FUEL 5252							
	LUBRICANTS 5255							
121	DIESEL FUEL 5257	6000		1747	4253	83.3 29.1	3,903-	65.0-
	WEARING APPAREL 5355	4000		3232	768	83.3 80.8	121-	3.0-
173	ASPHALT & ASPHALT PROD 5400	10000		9538	462	83.3 95.3	1,445	14.4
	CONCRETE, CEMENT, ETC. 5405	4000			4000	83.3	4,000-	100.0-
	BRICK, STONE, MORTAR, ETC 5410	1000			1000	83.3	1,000-	100.0-
1919	SAND, CLAY, GRVL, FILL DI 5415	10000		8024	1976	83.3 80.2	371-	3.7-
	HORT./LANDSCAPING SPLY 5440							
2364	HAND TOOLS 5450	7000	1,034	4933	1033	83.3 70.4	1,080-	15.4-
	MINOR EQUIPMENT 5460	2000		1307	693	83.3 65.3	431-	21.5-
	HYDRANT PARTS 5480	1000			1000	83.3	1,000-	100.0-
165	METER PARTS 5485	776		165	611	83.3 21.2	578-	74.4-

	VALVE PARTS	5490							
	PUMPING EQUIPMENT PART	5495							
	OTHER OPERATING MATL/S	5590	2000	7	1101	892	83.3	55.0	678- 33.9-
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8332	OPERATING SUPPLIES		97776	1,041	62065	34670	83.3	63.4	23,298- 23.8-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S	5600							
	ELECTRICAL SUPPLIES	5605							
7389	PLUMBING SUPPLIES	5610	125000	15,334	87007	22659	83.3	69.6	20,591- 16.4-
	STRUCTURAL STEEL & IRO	5620							
	PAINT AND PAINTING SPL	5650	1000		959	41	83.3	95.9	150 15.0
1862	MTR VEHICLE REP. PTS/S	5700	15000	753	6629	7618	83.3	44.1	7,045- 46.9-
	COMMUNICATION REPAIR P	5750							
	EXPENDABLE WELDING SPL	5770							
	OTHER REPAIR/MAINT. SP	5990	3245		1826	1419	83.3	56.2	1,053- 32.4-
	DISASTER REPAIR SUPPLI	5995	35216		35216		83.3	100.0	7,043 19.9
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9251	REPAIR & MAINTENANCE		179461	16,087	131637	31737	83.3	73.3	21,496- 11.9-
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17583	SUPPLIES AND EXPENSES		277237	17,128	193702	66407	83.3	69.8	44,794- 16.1-
	PROFESSIONAL SERVICES								
	ENGINEERING	6015							
	ABSTRACTING & RECORDIN	6023							
	MEDICAL	6027							
	OTHER PROFESSIONAL SER	6049							
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	PROFESSIONAL SERVICE								
	COMMUNICATIONS								
	POSTAGE	6070							
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	COMMUNICATIONS								
	TRANSPORTATION								
	TRAVEL EXPENSE	6110							
	FREIGHT	6120							
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	TRANSPORTATION								
	ADVERTISING								
	ADVERTISING	6150							
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	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING	6200							
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	PRINTING AND BINDING								
	INSURANCE								
	PUBLIC LIAB/PROPERTY D	6255							
	AUTOMOBILE INSURANCE	6265							
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	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M	6350							

	DISASTER REPAIRS	6351	22502	26591	4089-	83.3	118.1	9,407	41.8
	ELECTRICAL R&M	6355							
	PLUMBING EQUIPMENT R&M	6357							
535	STREETS & STRUCTURES R	6360	1010494	999613	10881	83.3	98.9	189,041	18.7
	FIXED EQUIPMENT R&M	6380							
	MINOR EQUIPMENT R&M	6382							
236	MOTOR VEHICLE EQ. R&M	6384	10500	1530	8762	83.3	14.5	8,664-	82.5-
	CONSTRUCTION EQUIP R&M	6386	5000	4414	586	83.3	88.2	296	5.9
	COMMUNICATION EQ. R&M	6390							
135	TOW IN CHARGES	6398	1000	335	665	83.3	33.5	598-	59.8-
	OTHER REPAIRS AND MAIN	6399							
906	REPR/MAINT-OUTSIDE L		1049496	1032484	16804	83.3	98.3	189,484	18.0
	RENTALS								
	MACHINERY RENT	6420	1500		1500	83.3		1,500-	100.0-
	CYLINDER RENT	6425							
31	UNIFORM RENT	6430	4500	2376	2124	83.3	52.8	1,648-	36.6-
	OTHER RENT	6449	4000		4000	83.3		4,000-	100.0-
31	RENTALS		10000	2376	7624	83.3	23.7	7,148-	71.4-
	OTHER SERVICES & CHARGE								
	SETTLEMT OF DAMAGE CLA	6700							
	DUES AND MEMBERSHIPS	6840							
	REGISTRATION FEE/TUITI	6845							
	SERVICES NOT SPECIFIED	6999							
	OTHER SERVICES & CHA								
937	OTHER SERVICES & CHAR		1059496	1034860	24428	83.3	97.6	182,336	17.2
	LEASEHOLDS	7020							
	BUILDING/BLD IMPROVEMEN								
	BUILDING IMPROVEMENTS	7150							
	BUILDING/BLD IMPROVE								
	IMPROVEMENT OTHER THAN								
	OTHER IMPROVEMENTS	7295							
	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	DATA PROCESSING EQUIP.	7327							
	CONSTRUCTION EQUIPMENT	7345	45000	42200	2800	83.3	93.7	5,640	12.5
	COMMUNICATION EQUIPMEN	7355							
	HYDRANTS & METERS	7365							
	PIPE	7370							
	OTHER EQUIPMENT	7399							
	MACHINERY AND EQUIPM		45000	42200	2800	83.3	93.7	5,640	12.5
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
	SPECIAL TRUCKS	7450							

-----	VEHICLES	-----	-----	-----	-----	-----	-----	-----	-----
-----	CAPITAL OUTLAY	-----	-----	-----	-----	-----	-----	-----	-----
-----		45000		42200	2800	83.3	93.7	5,640	12.5
-----	EXPENDITURES	-----	-----	-----	-----	-----	-----	-----	-----
92657		2194388	17,336	1891330	285721	83.3	86.1	75,208	3.4

009673 - W&S O&M-WATER PLANT DIVISION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
28575	REGULAR WAGES 4000	400080		300831	99249	83.3 75.1	39,082-	9.7-
	DISASTER RECOVERY WAGE 4010			2389	2389-		2,866	
1421	OVERTIME 4300	20000		15207	4793	83.3 76.0	1,751-	8.7-
	DISASTER RECOVERY OVER 4310			604	604-		724	
29996	SALARIES	420080		319030	101050	83.3 75.9	37,244-	8.8-
EMPLOYEE BENEFITS								
4724	STATE RETIREMENT 4600	66163		50247	15916	83.3 75.9	5,866-	8.8-
2222	F.I.C.A. TAXES 4700	32136		23667	8469	83.3 73.6	3,735-	11.6-
7000	HOSPITALIZATION INS. 4800	105600		84400	21200	83.3 79.9	4,320-	4.0-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	83.3	500-	100.0-
9548	WORKMAN'S COMPENSATION 4910	9079		9548	469-	83.3 105.1	2,378	26.1
23495	EMPLOYEE BENEFITS	213478		167863	45615	83.3 78.6	12,042-	5.6-
53491	PERSONAL SERVICES	633558		486893	146665	83.3 76.8	49,286-	7.7-
OFFICE SUPPLIES								
	PAPER 5003	200		100	100	83.3 50.0	80-	40.0-
	PRINTED FORMS 5005	2500		1284	1216	83.3 51.3	959-	38.3-
5	OTHER EXPENDABLE OFF.S 5010	1400		1292	108	83.3 92.2	150	10.7
55	MINOR OFFICE EQUIP/FUR 5020	100		55	45	83.3 55.0	34-	34.0-
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070	200			200	83.3	200-	100.0-
65	COMPUTER SUPPLIES 5080	300		266	34	83.3 88.6	19	6.3
125	OFFICE SUPPLIES	4700		2997	1703	83.3 63.7	1,103-	23.4-
OPERATING SUPPLIES								
644	CLEANING/JANITORIAL SP 5100	2500		2466	34	83.3 98.6	459	18.3
	FOOD 5115							
	MEDICAL SUPPLIES 5120							
2286	CHEMICALS 5130	69900		64636	5264	83.3 92.4	7,663	10.9
326	GAS AND OIL 5250	2100		2328	228-	83.3 110.8	693	33.0
	LUBRICANTS 5255							
160	DIESEL FUEL 5257	5000		3153	1847	83.3 63.0	1,216-	24.3-
	OTHER FUEL 5260	500		360	140	83.3 72.0	68-	13.6-
	WEARING APPAREL 5355	100			100	83.3	100-	100.0-
	CONCRETE, CEMENT, ETC. 5405							
	SAND,CLAY,GRVL,FILL DI 5415							
	DRAINAGE PIPE & CULVER 5420							
	HORT./LANDSCAPING SPLY 5440							
	HAND TOOLS 5450	500		131	369	83.3 26.2	342-	68.4-
	MINOR EQUIPMENT 5460	1500		1471	29	83.3 98.0	265	17.6

	METER PARTS	5485							
	VALVE PARTS	5490							
	PUMPING EQUIPMENT PART	5495	13600	6,362	7232	6	83.3	53.1	4,921-
	OTHER OPERATING MATL/S	5590	4000		4972	972-	83.3	124.3	1,966
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3416	OPERATING SUPPLIES		99700	6,362	86750	6588	83.3	87.0	4,400
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S	5600	5000		1574	3426	83.3	31.4	3,111-
3099	ELECTRICAL SUPPLIES	5605	7000	131	5929	940	83.3	84.7	114
99	PLUMBING SUPPLIES	5610	2000		1011	989	83.3	50.5	786-
	STRUCTURAL STEEL & IRO	5620							
	PAINT AND PAINTING SPL	5650	2000		262	1738	83.3	13.1	1,685-
215	MTR VEHICLE REP. PTS/S	5700	3700	95	3022	583	83.3	81.6	73-
143	GENERATOR REP. PTS/SPL	5705	2500		286	2214	83.3	11.4	2,156-
	COMMUNICATION REPAIR P	5750							
	AGRICLTR REPAIR PTS/S	5755	3000		893	2107	83.3	29.7	1,928-
	MINOR COMPUTER EQUIP.	5800							
	OTHER REPAIR/MAINT. SP	5990	4000	234	1485	2281	83.3	37.1	2,218-
3795	DISASTER REPAIR SUPPLI	5995	23150		26011	2861-	83.3	112.3	8,063
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7351	REPAIR & MAINTENANCE		52350	460	40471	11419	83.3	77.3	3,784-
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10892	SUPPLIES AND EXPENSES		156750	6,822	130218	19710	83.3	83.0	488-
									.3-
	PROFESSIONAL SERVICES								
	ENGINEERING	6015							
	CONSULTANT SERV/SURVEY	6020							
40320	OTHER PROFESSIONAL SER	6049	69500	4,550	47735	17215	83.3	68.6	12,218-
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40320	PROFESSIONAL SERVICE		69500	4,550	47735	17215	83.3	68.6	12,218-
	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP	6060	3000		755	2245	83.3	25.1	2,094-
	POSTAGE	6070	2500	1,962		538	83.3		2,500-
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	COMMUNICATIONS		5500	1,962	755	2783	83.3	13.7	4,594-
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	2000		448	1552	83.3	22.4	1,462-
	FREIGHT	6120	1000	118	275	607	83.3	27.5	670-
	MESSENGER/EXPRESS SERV	6130							
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	TRANSPORTATION		3000	118	724	2158	83.3	24.1	2,131-
	ADVERTISING								
	ADVERTISING	6150							
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	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING	6200							
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	PRINTING AND BINDING								
	INSURANCE								
	BOILER MACHINERY	6260							
	SURETY AND FORGERY BON	6270							

	INSURANCE									
	UTILITIES									
26	GAS	6300	4000		2998	1002	83.3	74.9	402-	10.0-
56952	ELECTRICITY	6305	750000		555505	194495	83.3	74.0	83,394-	11.1-

56978	UTILITIES		754000		558503	195497	83.3	74.0	83,796-	11.1-
	REPR/MAINT-OUTSIDE LABO									
	BUILDING R&M	6350	1000			1000	83.3		1,000-	100.0-
6381	DISASTER REPAIRS	6351	583830	16,350	585680	18200-	83.3	100.3	118,986	20.3
	ELECTRICAL R&M	6355	32899	332	25027	7540	83.3	76.0	2,866-	8.7-
	PLUMBING EQUIPMENT R&M	6357	1000			1000	83.3		1,000-	100.0-
	OFFICE EQUIPMENT R&M	6365								
77406	FIXED EQUIPMENT R&M	6380	137886		139600	1714-	83.3	101.2	29,634	21.4
	MINOR EQUIPMENT R&M	6382	4000		888	3113	83.3	22.2	2,934-	73.3-
	GENERATOR R&M	6383	73669			73669	83.3		73,669-	100.0-
28	MOTOR VEHICLE EQ. R&M	6384	5000	200	130	4670	83.3	2.6	4,844-	96.8-
	CONSTRUCTION EQUIP R&M	6386								
	AGRICULTURAL EQ. R&M	6387	1000	123	119	758	83.3	11.9	857-	85.7-
	COMMUNICATION EQ. R&M	6390	1000			1000	83.3		1,000-	100.0-
148	DISINFECT./EXTERMINATI	6394	1000		592	408	83.3	59.2	289-	28.9-
	OTHER REPAIRS AND MAIN	6399	1000			1000	83.3		1,000-	100.0-

83962	REPR/MAINT-OUTSIDE L		843284	17,005	752035	74244	83.3	89.1	59,158	7.0
	RENTALS									
	OFFICE EQUIPMENT RENT	6410								
	MACHINERY RENT	6420								
	CYLINDER RENT	6425								
296	UNIFORM RENT	6430	4000		2275	1725	83.3	56.8	1,270-	31.7-
70	MOP-MAT-RAG RENT	6435	1000		615	385	83.3	61.5	262-	26.2-
	OTHER RENT	6449	5500		5490	10	83.3	99.8	1,088	19.7

365	RENTALS		10500		8380	2120	83.3	79.8	444-	4.2-
	OTHER SERVICES & CHARGE									
	BANK SERV/TRF FEE	6832								
	DUES AND MEMBERSHIPS	6840	1000		675	325	83.3	67.5	190-	19.0-
	REGISTRATION FEE/TUITI	6845	2000		235	1765	83.3	11.7	1,718-	85.9-
	CUSTODIAL SERVICE	6870								
	PROPERTY TAXES	6995								
	SERVICES NOT SPECIFIED	6999	2000		90	1910	83.3	4.5	1,892-	94.6-

	OTHER SERVICES & CHA		5000		1000	4000	83.3	20.0	3,800-	76.0-

181626	OTHER SERVICES & CHAR		1690784	23,635	1369131	298018	83.3	80.9	47,826-	2.8-

	BUILDING/BLD IMPROVEMEN									
	BUILDING IMPROVEMENTS	7150								
	W&S WAREHOUSE IMPROVE	7150 11	156000		150859	5141	83.3	96.7	25,030	16.0
	WATER PLANT RENOVATIO	7150 17								
	ELEVATOR	7150 24								

	BUILDING IMPROVEMEN		156000		150859	5141	83.3	96.7	25,030	16.0

-----	BUILDING/BLD IMPROVE	156000	-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER THAN			150859	5141	83.3	96.7	25,030	16.0
	FENCES/RAILINGS 7212								
	LANDSCAPING 7250								
	OTHER IMPROVEMENTS 7295								
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	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP. 7325								
	DATA PROCESSING EQUIP. 7327								
	WATER UTILITY SOFTWARE 7329								
	AGRICULTURAL EQUIPMENT 7335								
	PLANT EQUIPMENT 7340								
	COMMUNICATION EQUIPMEN 7355	50000		26300	23700	83.3	52.6	18,440-	36.8-
	HYDRANTS & METERS 7365								
	OTHER EQUIPMENT 7399								
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	MACHINERY AND EQUIPM	50000		26300	23700	83.3	52.6	18,440-	36.8-
	VEHICLES								
	AUTOMOBILES 7400								
	PICK UP TRUCKS 7420								
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	VEHICLES								
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	CAPITAL OUTLAY	206000		177159	28841	83.3	85.9	6,590	3.1
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246009	EXPENDITURES	2687092	30,457	2163400	493234	83.3	80.5	91,012-	3.3-

009676 - W&S O&M-SEWER DIVISION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
29939	REGULAR WAGES 4000	476522		306817	169705	83.3 64.3	108,341-	22.7-
	DISASTER RECOVERY WAGE 4010			4781	4781-		5,737	
790	OVERTIME 4300	35000		17819	17181	83.3 50.9	13,617-	38.9-
	DISASTER RECOVERY OVER 4310			1693	1693-		2,031	
30729	SALARIES	511522		331110	180412	83.3 64.7	114,190-	22.3-
EMPLOYEE BENEFITS								
4840	STATE RETIREMENT 4600	80565		52150	28415	83.3 64.7	17,985-	22.3-
2329	F.I.C.A. TAXES 4700	39131		25120	14012	83.3 64.1	8,987-	22.9-
7750	HOSPITALIZATION INS. 4800	118800		94950	23850	83.3 79.9	4,860-	4.0-
	UNEMPLOYMENT BENEFITS 4900	1000		1000	1000	83.3	1,000-	100.0-
17907	WORKMAN'S COMPENSATION 4910	17027		17907	880-	83.3 105.1	4,461	26.1
32826	EMPLOYEE BENEFITS	256523		190126	66397	83.3 74.1	28,371-	11.0-
63555	PERSONAL SERVICES	768045		521236	246809	83.3 67.8	142,561-	18.5-
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100							
	HOUSEHOLD SUPPLIES 5110							
	MEDICAL SUPPLIES 5120							
12107	CHEMICALS 5130	165000	7,144	123595	34261	83.3 74.9	16,686-	10.1-
602	GAS AND OIL 5250	10000		6581	3419	83.3 65.8	2,102-	21.0-
	LUBRICANTS 5255							
520	DIESEL FUEL 5257	20000		5452	14548	83.3 27.2	13,457-	67.2-
	OTHER FUEL 5260							
	WEARING APPAREL 5355	3000		946	2054	83.3 31.5	1,864-	62.1-
	ASPHALT & ASPHALT PROD 5400	10000	9,188		813	83.3	10,000-	100.0-
	CONCRETE, CEMENT, ETC. 5405	1000		329	671	83.3 32.9	605-	60.5-
	BRICK, STONE, MORTAR, ETC 5410							
	SAND, CLAY, GRVL, FILL DI 5415	10000		8572	1428	83.3 85.7	286	2.8
	DRAINAGE PIPE & CULVER 5420							
	HORT./LANDSCAPING SPLY 5440	500		15	486	83.3 3.0	482-	96.4-
2364	HAND TOOLS 5450	10000		6124	3876	83.3 61.2	2,651-	26.5-
	MINOR EQUIPMENT 5460	2000		3350	1350-	83.3 167.5	2,020	101.0-
	PUMPING EQUIPMENT PART 5495	100		58	42	83.3 58.0	30-	30.0-
400	OTHER OPERATING MATL/S 5590	6500	1,168	4378	954	83.3 67.3	1,246-	19.1-
15993	OPERATING SUPPLIES	238100	17,500	159399	61200	83.3 66.9	46,821-	19.6-
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	500			500	83.3	500-	100.0-
	ELECTRICAL SUPPLIES 5605	2500			2500	83.3	2,500-	100.0-
1336	PLUMBING SUPPLIES 5610	38500	2,946	10024	25531	83.3 26.0	26,471-	68.7-

	STRUCTURAL STEEL & IRO	5620							
	PAINT AND PAINTING SPL	5650	500		444	56	83.3	88.8	32 6.4
2335	MTR VEHICLE REP. PTS/S	5700	25000	4,236	15307	5457	83.3	61.2	6,631- 26.5-
	COMMUNICATION REPAIR P	5750							
	AGRICLTR REPAIR PTS/S	5755							
	EXPENDABLE WELDING SPL	5770							
	OTHER REPAIR/MAINT. SP	5990	2000			2000	83.3		2,000- 100.0-
7163	DISASTER REPAIR SUPPLI	5995	51019	24,913	30525	4418-	83.3	59.8	14,389- 28.2-
10834	REPAIR & MAINTENANCE		120019	32,095	56300	31625	83.3	46.9	52,459- 43.7-
26827	SUPPLIES AND EXPENSES		358119	49,595	215699	92826	83.3	60.2	99,280- 27.7-
	PROFESSIONAL SERVICES								
	LEGAL	6025							
	OTHER PROFESSIONAL SER	6049	2000			2000	83.3		2,000- 100.0-
	PROFESSIONAL SERVICE		2000			2000	83.3		2,000- 100.0-
	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP	6060							
	POSTAGE	6070							
	COMMUNICATIONS								
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	1200		517	683	83.3	43.0	579- 48.2-
35	FREIGHT	6120	800	103	459	238	83.3	57.3	249- 31.1-
35	TRANSPORTATION		2000	103	976	921	83.3	48.8	828- 41.4-
	ADVERTISING								
	ADVERTISING	6150							
	ADVERTISING								
	INSURANCE								
	PUBLIC LIAB/PROPERTY D	6255							
	BOILER MACHINERY	6260							
	AUTOMOBILE INSURANCE	6265							
	INSURANCE								
	UTILITIES								
13	GAS	6300	200		127	73	83.3	63.5	47- 23.5-
5753	ELECTRICITY	6305	100000		65559	34441	83.3	65.5	21,329- 21.3-
5766	UTILITIES		100200		65687	34513	83.3	65.5	21,375- 21.3-
	REPR/MAINT-OUTSIDE LABO								
5121	DISASTER REPAIRS	6351	29944	3,600	34504	8160-	83.3	115.2	11,460 38.2
	ELECTRICAL R&M	6355	8000			8000	83.3		8,000- 100.0-
	PLUMBING EQUIPMENT R&M	6357							
32766	STREETS & STRUCTURES R	6360	1164157	2,311	1162543	3925	83.3	99.8	230,894 19.8
	FIXED EQUIPMENT R&M	6380	2000			2000	83.3		2,000- 100.0-
	MINOR EQUIPMENT R&M	6382	2500		250-	2750	83.3	10.0	2,200- 88.0-
1644	MOTOR VEHICLE EQ. R&M	6384	15000	4,369	9845	786	83.3	65.6	3,186- 21.2-
1845	CONSTRUCTION EQUIP R&M	6386	20000	350	5132	14518	83.3	25.6	13,841- 69.2-

	AGRICULTURAL EQ. R&M	6387								
	COMMUNICATION EQ. R&M	6390	2000		2000	83.3		2,000-	100.0-	
	TOW IN CHARGES	6398	2000	135	1865	83.3	6.7	1,838-	91.9-	
	OTHER REPAIRS AND MAIN	6399								
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41375	REPR/MAINT-OUTSIDE L		1245601	6,008	1211909	27684	83.3	97.2	208,689	16.7
	RENTALS									
	AUTOMOTIVE EQ. RENT	6415								
	MACHINERY RENT	6420	5000	224	4776	83.3	4.4	4,731-	94.6-	
	CYLINDER RENT	6425								
379	UNIFORM RENT	6430	3500	2777	723	83.3	79.3	167-	4.7-	
	OTHER RENT	6449	2500		2500	83.3		2,500-	100.0-	
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379	RENTALS		11000	3001	7999	83.3	27.2	7,398-	67.2-	
	OTHER SERVICES & CHARGE									
	REGISTRATION FEE/TUITI	6845	1000		1000	83.3		1,000-	100.0-	
	SERVICES NOT SPECIFIED	6999								
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	OTHER SERVICES & CHA		1000		1000	83.3		1,000-	100.0-	
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47555	OTHER SERVICES & CHAR		1361801	6,111	1281573	74117	83.3	94.1	176,086	12.9
	BUILDING/BLD IMPROVEMEN									
	BUILDINGS	7100								
	SEWER MAINT. BLDG.	7100 09								
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	BUILDINGS									
-----			-----	-----	-----	-----	-----	-----	-----	
	BUILDING/BLD IMPROVE									
	IMPROVEMENT OTHER THAN									
	BRIDGES	7210								
	FENCES/RAILINGS	7212								
	DRAINS	7215								
	SEWERS	7220								
	STREETS & ROADWAYS	7230								
-----			-----	-----	-----	-----	-----	-----	-----	
	IMPROVEMENT OTHER TH									
	MACHINERY AND EQUIPMENT									
	ENGINEERING	7305								
	DATA PROCESSING EQUIP.	7327								
	AGRICULTURAL EQUIPMENT	7335								
	PLANT EQUIPMENT	7340								
	CONSTRUCTION EQUIPMENT	7345								
	COMMUNICATION EQUIPMEN	7355								
	PIPE	7370		9,870		9870-				
	OTHER EQUIPMENT	7399	12000			12000	83.3		12,000-	100.0-
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	MACHINERY AND EQUIPM		12000	9,870		2130	83.3		12,000-	100.0-
	VEHICLES									
	AUTOMOBILES	7400								
	PICK UP TRUCKS	7420								
	DUMP TRUCKS	7440								

-----	SPECIAL TRUCKS	7450	-----	-----	-----	-----	-----	-----	-----
-----	VEHICLES	-----	-----	-----	-----	-----	-----	-----	-----
-----	CAPITAL OUTLAY	12000	9,870	-----	2130	83.3	-----	12,000-	100.0-
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137937	EXPENDITURES	2499965	65,576	2018508	415882	83.3	80.7	77,755-	3.1-

009677 - W&S O&M-SEWER LAGOON DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
11342	REGULAR WAGES 4000	172869		117356	55513	83.3 67.8	32,041-	18.5-
	DISASTER RECOVERY WAGE 4010			2828	2828-		3,393	
186	OVERTIME 4300	25000		3160	21840	83.3 12.6	21,208-	84.8-
	DISASTER RECOVERY OVER 4310			824	824-		988	
11527	SALARIES	197869		124168	73701	83.3 62.7	48,867-	24.6-
EMPLOYEE BENEFITS								
1816	STATE RETIREMENT 4600	31164		19557	11607	83.3 62.7	7,695-	24.6-
847	F.I.C.A. TAXES 4700	15137		9169	5968	83.3 60.5	4,134-	27.3-
2500	HOSPITALIZATION INS. 4800	46200		35805	10395	83.3 77.5	3,234-	7.0-
	UNEMPLOYMENT BENEFITS 4900	500			500	83.3	500-	100.0-
6611	WORKMAN'S COMPENSATION 4910	6286		6611	325-	83.3 105.1	1,647	26.2
11774	EMPLOYEE BENEFITS	99287		71141	28146	83.3 71.6	13,917-	14.0-
23301	PERSONAL SERVICES	297156		195309	101847	83.3 65.7	62,785-	21.1-
OFFICE SUPPLIES								
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100							
	MEDICAL SUPPLIES 5120	500			500	83.3	500-	100.0-
5886	CHEMICALS 5130	158800		155851	2949	83.3 98.1	28,221	17.7
622	GAS AND OIL 5250	10000		5904	4096	83.3 59.0	2,915-	29.1-
	LUBRICANTS 5255	4200		4200		83.3 100.0	840	20.0
	DIESEL FUEL 5257	5000		936	4064	83.3 18.7	3,876-	77.5-
	OTHER FUEL 5260							
	WEARING APPAREL 5355	500			500	83.3	500-	100.0-
	CONCRETE, CEMENT, ETC. 5405							
	SAND,CLAY,GRVL,FILL DI 5415							
21	HAND TOOLS 5450	1000		647	353	83.3 64.7	223-	22.3-
	MINOR EQUIPMENT 5460	5000		698	4302	83.3 13.9	4,162-	83.2-
	METER PARTS 5485							
	VALVE PARTS 5490							
950	PUMPING EQUIPMENT PART 5495	150000	2,988	30543	116469	83.3 20.3	113,348-	75.5-
	OTHER OPERATING MATL/S 5590	4225		652	3573	83.3 15.4	3,442-	81.4-
7480	OPERATING SUPPLIES	339225	2,988	199431	136806	83.3 58.7	99,907-	29.4-
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	100			100	83.3	100-	100.0-
388	ELECTRICAL SUPPLIES 5605	25000	3,780	12336	8884	83.3 49.3	10,196-	40.7-
	PLUMBING SUPPLIES 5610	3000		1741	1259	83.3 58.0	910-	30.3-
	STRUCTURAL STEEL & IRO 5620							
	PAINT AND PAINTING SPL 5650							

969	MTR VEHICLE REP. PTS/S 5700	5398	437	4631	330	83.3	85.7	159	2.9
	COMMUNICATION REPAIR P 5750								
	EXPENDABLE WELDING SPL 5770								
	OTHER REPAIR/MAINT. SP 5990								
	DISASTER REPAIR SUPPLI 5995	3166		3166		83.3	100.0	633	19.9
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1357	REPAIR & MAINTENANCE	36664	4,217	21873	10574	83.3	59.6	10,416-	28.4-
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8837	SUPPLIES AND EXPENSES	375889	7,205	221305	147380	83.3	58.8	110,323-	29.3-
	PROFESSIONAL SERVICES								
	CONSULTANT SERV/SURVEY 6020								
	LEGAL 6025	188141		188111	30	83.3	99.9	37,592	19.9
	MEDICAL 6027								
	OTHER PROFESSIONAL SER 6049	27775		27325	450	83.3	98.3	5,015	18.0
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	PROFESSIONAL SERVICE	215916		215436	480	83.3	99.7	42,607	19.7
	TRANSPORTATION								
	TRAVEL EXPENSE 6110	2500		1063	1437	83.3	42.5	1,224-	48.9-
12	FREIGHT 6120	300	67	27	206	83.3	9.0	267-	89.0-
	MESSENGER/EXPRESS SERV 6130								
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12	TRANSPORTATION	2800	67	1090	1644	83.3	38.9	1,492-	53.2-
	ADVERTISING								
	ADVERTISING 6150								
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	ADVERTISING								
	INSURANCE								
	PUBLIC LIAB/PROPERTY D 6255								
	AUTOMOBILE INSURANCE 6265								
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	INSURANCE								
	UTILITIES								
62008	ELECTRICITY 6305	698304		567429	130875	83.3	81.2	17,389-	2.4-
	INTERFUND ENERGY REIMB 6307								
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62008	UTILITIES	698304		567429	130875	83.3	81.2	17,389-	2.4-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350								
	DISASTER REPAIRS 6351	7209		9044	1835-	83.3	125.4	3,643	50.5
	ELECTRICAL R&M 6355	25000	1,954	13993	9053	83.3	55.9	8,208-	32.8-
82122	FIXED EQUIPMENT R&M 6380	1040825	694	1039312	819	83.3	99.8	206,349	19.8
	MINOR EQUIPMENT R&M 6382								
	MOTOR VEHICLE EQ. R&M 6384	3000	490	2030	480	83.3	67.6	564-	18.8-
	CONSTRUCTION EQUIP R&M 6386	500			500	83.3		500-	100.0-
	COMMUNICATION EQ. R&M 6390								
120	DISINFECT./EXTERMINATI 6394	600		480	120	83.3	80.0	24-	4.0-
	TOW IN CHARGES 6398	300		65	235	83.3	21.6	222-	74.0-
	OTHER REPAIRS AND MAIN 6399	1000		520	480	83.3	52.0	376-	37.6-
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82242	REPR/MAINT-OUTSIDE L	1078434	3,138	1065445	9852	83.3	98.7	200,100	18.5
	RENTALS								

199	MACHINERY RENT	6420								
-----	UNIFORM RENT	6430	2500	-----	1346	1154	83.3	53.8	884-	35.3-
199	RENTALS		2500	-----	1346	1154	83.3	53.8	884-	35.3-
	OTHER SERVICES & CHARGE									
	SETTLEMT OF DAMAGE CLA	6700								
	DUES AND MEMBERSHIPS	6840								
	REGISTRATION FEE/TUITI	6845								
-----	SERVICES NOT SPECIFIED	6999	13900	-----	886	13014	83.3	6.3	12,836-	92.3-
	OTHER SERVICES & CHA		13900	-----	886	13014	83.3	6.3	12,836-	92.3-
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144461	OTHER SERVICES & CHAR		2011854	3,205	1851631	157019	83.3	92.0	210,103	10.4
	IMPROVEMENT OTHER THAN									
	SEWERS	7220								
-----	CDBG-WIS PAK	7220 46		-----						
	SEWERS									
	STREETS & ROADWAYS	7230								
	OTHER IMPROVEMENTS	7295								
-----	BONHOMIE RD PUMPING S	7295 47		-----						
	OTHER IMPROVEMENTS			-----						
-----				-----						
	IMPROVEMENT OTHER TH									
	MACHINERY AND EQUIPMENT									
	OFFICE FURN/EQUIP.	7325								
	DATA PROCESSING EQUIP.	7327	12000		7400	4600	83.3	61.6	3,120-	26.0-
	AGRICULTURAL EQUIPMENT	7335								
	COMMUNICATION EQUIPMEN	7355								
-----	OTHER EQUIPMENT	7399		-----						
	MACHINERY AND EQUIPM		12000		7400	4600	83.3	61.6	3,120-	26.0-
	VEHICLES									
	AUTOMOBILES	7400								
-----	SPECIAL TRUCKS	7450		-----						
	VEHICLES			-----						
-----				-----						
	CAPITAL OUTLAY		12000		7400	4600	83.3	61.6	3,120-	26.0-
	CAPITAL LEASE PAYMENTS									
-----	ENERGY IMPR LEASE	8517		-----						
	CAPITAL LEASE PAYMEN									
	INTEREST ON CAPITAL LEA									
-----	ENERGY IMPR LEASE	8617		-----						

-----	INTEREST ON CAPITAL	-----	-----	-----	-----	-----	-----	-----	-----
-----	DEBT SERVICE	-----	-----	-----	-----	-----	-----	-----	-----
176599	EXPENDITURES	2696899	10,410	2275645	410846	83.3	84.3	33,875	1.2

010451 - W&S B&I-REVENUE OBLIGATIONS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
	CONSULTANT SERV/SURVEY 6020								
	LEGAL 6025								
	OTHER PROFESSIONAL SER 6049								
	BONDS REDEEMED								
1384000	GENERAL ISSUES 8000	2070000		1919000	151000	83.3	92.7	232,800	11.2
	REVENUE ISSUES 8010	2735000		1114131	1620869	83.3	40.7	1,398,042-	51.1-
	5 YEAR NOTE PRINCIPAL 8021								
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1384000	BONDS REDEEMED	4805000		3033131	1771869	83.3	63.1	1,165,242-	24.2-
	INTEREST ON BONDS								
105225	GENERAL ISSUES 8100	297800		254091	43709	83.3	85.3	7,109	2.3
598381	REVENUE ISSUES 8110	2298000		824759	1473241	83.3	35.8	1,308,289-	56.9-
	5 YEAR NOTE INTEREST 8121								
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703606	INTEREST ON BONDS	2595800		1078850	1516950	83.3	41.5	1,301,180-	50.1-
	PAYING AGENT FEES								
	GENERAL ISSUES 8400	8000		2314	5686	83.3	28.9	5,223-	65.2-
	REVENUE ISSUES 8410	5000			5000	83.3		5,000-	100.0-
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	PAYING AGENT FEES	13000		2314	10686	83.3	17.8	10,223-	78.6-
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2087606	DEBT SERVICE	7413800		4114296	3299504	83.3	55.4	2,476,644-	33.4-
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2087606	EXPENDITURES	7413800		4114296	3299504	83.3	55.4	2,476,644-	33.4-

CITY OF HATTIESBURG
EXPENDITURE REPORT

10 Months Ending 07/31/17

.....PROJECTED.....
OVER/UNDER %

EXPENDITURES

011451 - WATER & SEWER-REV.OBLIGATN

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	NOTE PRINCIPAL								
7749	SRF NOTE	8222	173772		158186	15586	83.3 91.0	16,051	9.2
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7749	NOTE PRINCIPAL		173772		158186	15586	83.3 91.0	16,051	9.2
	INTEREST ON NOTES								
540	SRF NOTE	8332	8763		7770	993	83.3 88.6	561	6.4
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540	INTEREST ON NOTES		8763		7770	993	83.3 88.6	561	6.4
	PAYING AGENT FEES								
	REVENUE ISSUES	8410	8500		10770	2270-	83.3 126.7	4,424	52.0
-----			-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES		8500		10770	2270-	83.3 126.7	4,424	52.0
	CAPITAL LEASE PAYMENTS								
	2012 EQUIP LEASE	8514							
-----			-----	-----	-----	-----	-----	-----	-----
	CAPITAL LEASE PAYMEN								
	INTEREST ON CAPITAL LEA								
	2012 EQUIP LEASE	8614							
-----			-----	-----	-----	-----	-----	-----	-----
	INTEREST ON CAPITAL								
-----			-----	-----	-----	-----	-----	-----	-----
8289	DEBT SERVICE		191035		176726	14309	83.3 92.5	21,036	11.0
-----			-----	-----	-----	-----	-----	-----	-----
8289	EXPENDITURES		191035		176726	14309	83.3 92.5	21,036	11.0

011500 - WATER & SEWER-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	TRANSFERS TO OTHER FUND							
1558333	T/T GENERAL FUND 9000 01	250000			250000	83.3	250,000-	100.0-
	T/T WATER & SEWER O&M 9000 09	9350000		7791667	1558333	83.3 83.3		
	T/T WATER & SEWER B&I 9000 10							
	T/T WATER & SEWER B&I 9000 10A	250000		250000		83.3 100.0	50,000	20.0
144167	T/T WATER & SEWER B&I 9000 10B	865000		720833	144167	83.3 83.3		
209167	T/T WATER & SEWER B&I 9000 10C	1255000		1045833	209167	83.3 83.3		
941725	T/T WATER & SEWER B&I 9000 10D	2931000		2895725	35275	83.3 98.7	543,870	18.5
40000	T/T 2010 W&S GO BOND 9000 10GO	240000		200000	40000	83.3 83.3		
127407	T/T W&SB&I (METER GO) 9000 10M	640000		554074	85926	83.3 86.5	24,888	3.8
125000	T/T 2016 W&S REF BONDS 9000 10REF	1250000		875000	375000	83.3 70.0	200,000-	16.0-
	T/T W&SB&I-USA YEAST P 9000 15							
	T/T WATER & SEWER CONT 9000 17							
526176	T/T W & S CONSTRUCTION 9000 75	2000000		4984055	2984055-	83.3 249.2	3,980,866	199.0
	T/T 2010 W&S GO BOND 9000 99							
-----		-----	-----	-----	-----	-----	-----	-----
3671976	TRANSFERS TO OTHER F	19031000		19317187	286187-	83.3 101.5	4,149,624	21.8
-----		-----	-----	-----	-----	-----	-----	-----
3671976	TRANSFERS	19031000		19317187	286187-	83.3 101.5	4,149,624	21.8
-----		-----	-----	-----	-----	-----	-----	-----
3671976	EXPENDITURES	19031000		19317187	286187-	83.3 101.5	4,149,624	21.8

011660 - WATER & SEWER-CUST.ACCT.DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
RENTALS								
108	OFFICE EQUIPMENT RENT 6410	2000		1139	862	83.3 56.9	633-	31.6-
-----		-----	-----	-----	-----	-----	-----	-----
108	RENTALS	2000		1139	862	83.3 56.9	633-	31.6-
	OTHER SERVICES & CHARGE							
	DEPR. EXPENSE - METERS 6800							
	CASH OVERAGE/SHORTAGE 6819							
234	BANK SERV/TRF FEE 6832	2400		2079	321	83.3 86.6	94	3.9
	REFUNDS 6835							
80	WATER RELATED REFUND 6835 WTR	15000		6964	8036	83.3 46.4	6,643-	44.2-
-----		-----	-----	-----	-----	-----	-----	-----
80	REFUNDS	15000		6964	8036	83.3 46.4	6,643-	44.2-
	NSF CHECKS 6836							
	BAD DEBT EXPENSE 6837							
84	BANK NSF FEES 6838	2000		1015	985	83.3 50.7	782-	39.1-
	OTHER INCOME EXPENSE 6839			4000-	4000		4,800	
-----		-----	-----	-----	-----	-----	-----	-----
398	OTHER SERVICES & CHA	19400		6058	13342	83.3 31.2	12,130-	62.5-
-----		-----	-----	-----	-----	-----	-----	-----
506	OTHER SERVICES & CHAR	21400		7196	14204	83.3 33.6	12,764-	59.6-
-----		-----	-----	-----	-----	-----	-----	-----
506	EXPENDITURES	21400		7196	14204	83.3 33.6	12,764-	59.6-

012452 - 1999 TAX INCRE B&I-GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OTHER SERVICES & CHARGE							
	PROP.TAX COLL. FEES .0 6830							
	PROP.TAX COLL. FEES.00 6831							
	BANK SERV/TRF FEE 6832							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
	BONDS REDEEMED							
	IND/ECON DEV ISSUES 8020							
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED							
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120							
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS							
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420							
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	PAYING AGENT FEES							
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	DEBT SERVICE							
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	EXPENDITURES							

013450 - CITY B&I-GENERAL OBLIGATIONS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	CONSULTANT SERV/SURVEY 6020							
	LEGAL FEES 6025							
	OTHER SERVICES 6049							
	INTERGOV'TL-DEBT SERV							
	P&I-FORREST CTY (KOHLE 6455							
-----		-----	-----	-----	-----	-----	-----	-----
	INTERGOV'TL-DEBT SER							
	OTHER SERVICES & CHARGE							
1315	PROP.TAX COLL. FEES .0 6830	39000		11416	27584	83.3 29.2	25,300-	64.8-
143	PROP.TAX COLL. FEES.00 6831			17695	17695-		21,234	
	BANK SERV/TRF FEE 6832							
-----		-----	-----	-----	-----	-----	-----	-----
1458	OTHER SERVICES & CHA	39000		29111	9889	83.3 74.6	4,066-	10.4-
-----		-----	-----	-----	-----	-----	-----	-----
1458	OTHER SERVICES & CHAR	39000		29111	9889	83.3 74.6	4,066-	10.4-
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED							
	GENERAL ISSUES 8000	1935000		1645000	290000	83.3 85.0	39,000	2.0
	IND/ECON DEV ISSUES 8020			290000	290000-		348,000	
	5 YEAR NOTE PRINCIPAL 8021							
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	1935000		1935000		83.3 100.0	387,000	20.0
	INTEREST ON BONDS							
	GENERAL ISSUES 8100	273200		259000	14200	83.3 94.8	37,600	13.7
	IND/ECON DEV ISSUES 8120							
	5 YEAR NOTE INTEREST 8121							
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	273200		259000	14200	83.3 94.8	37,600	13.7
	PAYING AGENT FEES							
750	GENERAL ISSUES 8400	15000		7091	7909	83.3 47.2	6,490-	43.2-
	IND/ECON DEV ISSUES 8420							
-----		-----	-----	-----	-----	-----	-----	-----
750	PAYING AGENT FEES	15000		7091	7909	83.3 47.2	6,490-	43.2-
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750	DEBT SERVICE	2223200		2201091	22109	83.3 99.0	418,109	18.8
-----		-----	-----	-----	-----	-----	-----	-----
2208	EXPENDITURES	2262200		2230202	31998	83.3 98.5	414,042	18.3

014599 - SCHOOL FUND-MISC.CHARGES

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OTHER SERVICES & CHARGE							
8254	PROP.TAX COLL. FEES .0 6830			73390	73390-		88,068	
1056	PROP.TAX COLL. FEES.00 6831			88772	88772-		106,526	
-----		-----	-----	-----	-----	-----	-----	-----
9309	OTHER SERVICES & CHA			162162	162162-		194,594	
-----		-----	-----	-----	-----	-----	-----	-----
9309	OTHER SERVICES & CHAR			162162	162162-		194,594	
-----		-----	-----	-----	-----	-----	-----	-----
9309	EXPENDITURES			162162	162162-		194,594	

015451 - W&S B&I USA YEAST-REV OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	BONDS REDEEMED							
-----	REVENUE ISSUES 8010	-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED							
	INTEREST ON BONDS							
-----	REVENUE ISSUES 8110	-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS							
	PAYING AGENT FEES							
-----	REVENUE ISSUES 8410	-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES							
-----		-----	-----	-----	-----	-----	-----	-----
-----	DEBT SERVICE	-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

CITY OF HATTIESBURG
EXPENDITURE REPORT

10 Months Ending 07/31/17

.....PROJECTED.....
OVER/UNDER %

EXPENDITURES

018701 - P&FD&R-TRUST AND AGENCY

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	PROFESSIONAL SERVICES							
	AUDITING AND ACCOUNTIN 6010							
392	OTHER PROFESSIONAL SER 6049			27316	27316-		32,779	
-----		-----	-----	-----	-----	-----	-----	-----
392	PROFESSIONAL SERVICE			27316	27316-		32,779	
	OTHER SERVICES & CHANGE							
212314	PENSION EXPENSE 6825			1906023	1906023-		2,287,227	
557	PROP.TAX COLL. FEES .0 6830			4836	4836-		5,803	
61	PROP.TAX COLL. FEES.00 6831			7496	7496-		8,995	
	REFUNDS 6835							
	PFDR ACC. CONTRI. REF 6835 PFDR							
-----		-----	-----	-----	-----	-----	-----	-----
	REFUNDS							
-----		-----	-----	-----	-----	-----	-----	-----
212931	OTHER SERVICES & CHA			1918355	1918355-		2,302,026	
-----		-----	-----	-----	-----	-----	-----	-----
213323	OTHER SERVICES & CHAR			1945671	1945671-		2,334,805	
-----		-----	-----	-----	-----	-----	-----	-----
213323	EXPENDITURES			1945671	1945671-		2,334,805	

019100 - POL.FORFEITURES-POLICE DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OFFICE SUPPLIES							
	OTHER EXPENDABLE OFF.S 5010							
	OFFICE SUPPLIES							
	OPERATING SUPPLIES							
	FOOD 5115							
	GAS AND OIL 5250							
	UNIFORMS, BADGES, ETC. 5350							
	WEARING APPAREL 5355							
	WEARING APPAREL-HURR R 5356							
	MINOR EQUIPMENT 5460							
	DISPATCHER TRNG.MATERI 5468							
	MINOR EQ-HURR.RELIEF 5471							
	OTHER OPER.MATLS-K-9 S 5590							
	OTHER OPER.MATLS-CRIME 5591	12000		5859	6141	83.3 48.8	4,969-	41.4-
971	OTHER OPER.MATLS-D.A.R 5592	29441	550	10579	18313	83.3 35.9	16,746-	56.8-
	OTHER OPER-NON-SWORN C 5595							
	PAINT AND PAINTING SPL 5650							
	COMMUNICATION REPAIR P 5750							
	MINOR COMPUTER EQUIP. 5800							
971	OPERATING SUPPLIES	41441	550	16437	24454	83.3 39.6	21,716-	52.4-
971	SUPPLIES AND EXPENSES	41441	550	16437	24454	83.3 39.6	21,716-	52.4-
	PROFESSIONAL SERVICES							
	METRO CRIME STOPPERS 6039	20000			20000	83.3	20,000-	100.0-
	FEES - NON-SWORN CLASS 6044							
	OTHER PROFESSIONAL SER 6049							
	PROFESSIONAL SERVICE	20000			20000	83.3	20,000-	100.0-
	COMMUNICATIONS							
	TELEPHONE AND TELEGRAP 6060							
	COMMUNICATIONS							
	TRANSPORTATION							
	TRAVEL EXPENSE 6110							
	TRAVEL EXP-M/C TRAININ 6112	3600		820	2780	83.3 22.7	2,616-	72.6-
	TRAVEL EXP-K-9 TRAININ 6113							
	TRAVEL EXP-TELECOMMUNI 6114							
	TRAVEL/REG-NON SWORN P 6117							
	FREIGHT 6120							
	TRANSPORTATION	3600		820	2780	83.3 22.7	2,616-	72.6-

ADVERTISING									
ADVERTISING	6150								
ADVERTISING									
PRINTING AND BINDING									
PRINTING	6200								
PRINTING AND BINDING									
OTHER SERVICES & CHARGE									
EVIDENCE BUY MONEY	6817								
GRANT RELATED REFUND	6835 STATE								
EVIDENCE BUY MONEY									
DUES AND MEMBERSHIPS	6840	3000		2500	500	83.3	83.3		
REGISTRATION FEE/TUITI	6845								
OTHER SERVICES & CHA		3000		2500	500	83.3	83.3		
OTHER SERVICES & CHAR		26600		3320	23280	83.3	12.4	22,616-	85.0-
LAND									
LAND	7000								
LAND									
BUILDING/BLD IMPROVEMEN									
BUILDINGS	7100								
POLICE SERV CTR BLDG	7100 22								
BUILDINGS									
BUILDING/BLD IMPROVE									
MACHINERY AND EQUIPMENT									
OFFICE FURN/EQUIP.	7325								
DATA PROCESSING EQUIP.	7327								
COMMUNICATION EQUIPMEN	7355								
EQUIP-HURR.RELIEF	7376								
OTHER EQUIPMENT	7399	58917		12000	46917	83.3	20.3	44,517-	75.5-
MACHINERY AND EQUIPM		58917		12000	46917	83.3	20.3	44,517-	75.5-
VEHICLES									
AUTOMOBILES	7400	50000			50000	83.3		50,000-	100.0-
MOTORCYCLES	7405								
VEHICLES		50000			50000	83.3		50,000-	100.0-
OTHER									
ZOOLOGICAL ANIMALS	7505								
OTHER									
CAPITAL OUTLAY		108917		12000	96917	83.3	11.0	94,517-	86.7-
EXPENDITURES		176958	550	31757	144651	83.3	17.9	138,849-	78.4-

020452 - 2002 TIF B&I-S/P GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OTHER SERVICES & CHARGE							
	PROP.TAX COLL. FEES .0 6830							
	PROP.TAX COLL. FEES.00 6831							
	BANK SERV/TRF FEE 6832							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
	BONDS REDEEMED							
	IND/ECON DEV ISSUES 8020	135000		135000		83.3 100.0	27,000	20.0
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	135000		135000		83.3 100.0	27,000	20.0
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120	110702		56988	53715	83.3 51.4	42,316-	38.2-
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	110702		56988	53715	83.3 51.4	42,316-	38.2-
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420	2000		1250	750	83.3 62.5	500-	25.0-
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	2000		1250	750	83.3 62.5	500-	25.0-
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE	247702		193238	54465	83.3 78.0	15,816-	6.3-
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	247702		193238	54465	83.3 78.0	15,816-	6.3-

021452 - 2004 TIF B&I-H/D GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OTHER SERVICES & CHARGE							
	PROP.TAX COLL. FEES .0 6830							
	PROP.TAX COLL. FEES.00 6831							
	BANK SERV/TRF FEE 6832							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
	BONDS REDEEMED							
	IND/ECON DEV ISSUES 8020							
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED							
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120							
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS							
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420							
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES							
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	DEBT SERVICE							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

022452 - 2003 TIF B&I-C/S GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OTHER SERVICES & CHARGE							
	PROP.TAX COLL. FEES .0 6830							
	PROP.TAX COLL. FEES.00 6831							
	BANK SERV/TRF FEE 6832							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
	BONDS REDEEMED							
65000	IND/ECON DEV ISSUES 8020	115000		115000		83.3 100.0	23,000	20.0
-----		-----	-----	-----	-----	-----	-----	-----
65000	BONDS REDEEMED	115000		115000		83.3 100.0	23,000	20.0
	INTEREST ON BONDS							
28718	IND/ECON DEV ISSUES 8120	77318		77318	1	83.3 100.0	15,463	19.9
-----		-----	-----	-----	-----	-----	-----	-----
28718	INTEREST ON BONDS	77318		77318	1	83.3 100.0	15,463	19.9
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420	2000		2000		83.3 100.0	400	20.0
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	2000		2000		83.3 100.0	400	20.0
-----		-----	-----	-----	-----	-----	-----	-----
93718	DEBT SERVICE	194318		194318	1	83.3 100.0	38,863	19.9
-----		-----	-----	-----	-----	-----	-----	-----
93718	EXPENDITURES	194318		194318	1	83.3 100.0	38,863	19.9

CITY OF HATTIESBURG
EXPENDITURE REPORT

10 Months Ending 07/31/17

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	TRANSFERS TO OTHER F								
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	TRANSFERS								
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	EXPENDITURES								

023452 - 2007 TIF B&I-T/C GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OTHER SERVICES & CHARGE							
	PROP.TAX COLL. FEES .0 6830							
	PROP.TAX COLL. FEES.00 6831							
	BANK SERV/TRF FEE 6832							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
	BONDS REDEEMED							
325000	IND/ECON DEV ISSUES 8020	355000		355000		83.3 100.0	71,000	20.0
-----		-----	-----	-----	-----	-----	-----	-----
325000	BONDS REDEEMED	355000		355000		83.3 100.0	71,000	20.0
	INTEREST ON BONDS							
78083	IND/ECON DEV ISSUES 8120	92283		92283	1	83.3 100.0	18,456	19.9
-----		-----	-----	-----	-----	-----	-----	-----
78083	INTEREST ON BONDS	92283		92283	1	83.3 100.0	18,456	19.9
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420	3500		1000	2500	83.3 28.5	2,300-	65.7-
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	3500		1000	2500	83.3 28.5	2,300-	65.7-
-----		-----	-----	-----	-----	-----	-----	-----
403083	DEBT SERVICE	450783		448283	2501	83.3 99.4	87,156	19.3
-----		-----	-----	-----	-----	-----	-----	-----
403083	EXPENDITURES	450783		448283	2501	83.3 99.4	87,156	19.3

024452 - 2008 TIF B&I-L/C GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OTHER SERVICES & CHARGE							
	PROP.TAX COLL. FEES .0 6830							
	PROP.TAX COLL. FEES.00 6831							
	BANK SERV/TRF FEE 6832							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
	BONDS REDEEMED							
	IND/ECON DEV ISSUES 8020	40000		40000		83.3 100.0	8,000	20.0
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	40000		40000		83.3 100.0	8,000	20.0
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120	13200		13200		83.3 100.0	2,640	20.0
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	13200		13200		83.3 100.0	2,640	20.0
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420	1000		850	150	83.3 85.0	20	2.0
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	1000		850	150	83.3 85.0	20	2.0
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE	54200		54050	150	83.3 99.7	10,660	19.6
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	54200		54050	150	83.3 99.7	10,660	19.6

025452 - 2011 TIF B&I-KOHL'S GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OTHER SERVICES & CHARGE							
	PROP.TAX COLL. FEES .0 6830							
	PROP.TAX COLL. FEES.00 6831							
	BANK SERV/TRF FEE 6832							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
	BONDS REDEEMED							
	IND/ECON DEV ISSUES 8020	70000		70000		83.3 100.0	14,000	20.0
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	70000		70000		83.3 100.0	14,000	20.0
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120	19500		19500		83.3 100.0	3,900	20.0
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	19500		19500		83.3 100.0	3,900	20.0
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420	2000		1940	60	83.3 97.0	328	16.4
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	2000		1940	60	83.3 97.0	328	16.4
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE	91500		91440	60	83.3 99.9	18,228	19.9
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	91500		91440	60	83.3 99.9	18,228	19.9

026452 - 2016 TIF B&I-WHISP PINES EXPEN

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OTHER SERVICES & CHARGE							
	PROP.TAX COLL. FEES .0 6830							
	PROP.TAX COLL. FEES.00 6831							
	BANK SERV/TRF FEE 6832							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
	BONDS REDEEMED							
	IND/ECON DEV ISSUES 8020			153000	153000-		183,600	
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED			153000	153000-		183,600	
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120			126733	126733-		152,079	
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS			126733	126733-		152,079	
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420			1240	1240-		1,488	
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES			1240	1240-		1,488	
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE			280973	280973-		337,167	
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES			280973	280973-		337,167	

027500 - TAX COLLECTOR'S-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
TRANSFERS TO OTHER FUND								
231668	T/T GENERAL FUND 9000 01			13664702	13664702-		16,397,642	
	T/T GENERAL FD-C.C. FE 9000 01CC							
	T/T GENERAL FD-EXCESS 9000 01EB							
	T/T GENERAL FD-CHKG IN 9000 01CHK							
43711	T/T GENERAL FD-INT/PEN 9000 01IP			195378	195378-		234,453	
13632	T/T PARKS & RECERATION 9000 02			842268	842268-		1,010,721	
13295	T/T LIBRARY 9000 04			821416	821416-		985,699	
	T/T 1999 TAX INCRE B&I 9000 12							
47712	T/T CITY B & I 9000 13			2945541	2945541-		3,534,649	
290086	T/T SCHOOL FUND 9000 14			15997976	15997976-		19,197,571	
37278	T/T SCHOOL-1988 SCH.BO 9000 14SB			2083356	2083356-		2,500,027	
20212	T/T POL/FIRE DIS./RELI 9000 18			1249808	1249808-		1,499,769	
53700	T/T 2002 TIF B&I-SP 9000 20			153700	153700-		184,440	
	T/T 2004 TIF B&I-HD 9000 21							
	T/T 2003 TIF B&I-CS 9000 22			100000	100000-		120,000	
	T/T 2007 TIF B&I-TC 9000 23			450000	450000-		540,000	
	T/T 2008 TIF B&I-LC 9000 24							
	T/T 2011 TIF B&I-TC KO 9000 25			100000	100000-		120,000	
3000	T/T '16 TIF B&I-WHISPE 9000 26			153000	153000-		183,600	
	T/T 2016 TIF B&I-HBURG 9000 28			125000	125000-		150,000	
	T/T 2015A TIF B&I-RIDG 9000 50			154000	154000-		184,800	
	T/T 2015B TIF B&I-MIDT 9000 51			40000	40000-		48,000	
3374	T/T MASS TRANSIT OPER. 9000 73			208489	208489-		250,186	
	T/T 2008 TIF CONSTR-LC 9000 90							
757669	TRANSFERS TO OTHER F			39284634	39284634-		47,141,560	
757669	TRANSFERS			39284634	39284634-		47,141,560	
757669	EXPENDITURES			39284634	39284634-		47,141,560	

028452 - 2016 TIF B&I-HBRG CLINIC MIDTN

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OTHER SERVICES & CHARGE							
	PROP.TAX COLL. FEES .0 6830							
	PROP.TAX COLL. FEES.00 6831							
	BANK SERV/TRF FEE 6832							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
	BONDS REDEEMED							
	IND/ECON DEV ISSUES 8020			42000	42000-		50,400	
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED			42000	42000-		50,400	
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120			28385	28385-		34,062	
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS			28385	28385-		34,062	
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420							
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES							
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE			70385	70385-		84,462	
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES			70385	70385-		84,462	

039551 - AIRPORT IMPR.-AIRPORT DIV

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
REGULAR WAGES	4000							
OVERTIME	4300							
SALARIES								
EMPLOYEE BENEFITS								
STATE RETIREMENT	4600							
F.I.C.A. TAXES	4700							
HOSPITALIZATION INS.	4800							
EMPLOYEE BENEFITS								
PERSONAL SERVICES								
OPERATING SUPPLIES								
GAS AND OIL	5250							
MINOR EQUIPMENT	5460							
OTHER OPERATING MATL/S	5590							
OPERATING SUPPLIES								
REPAIR & MAINTENANCE SP								
PLUMBING SUPPLIES	5610							
PAINT AND PAINTING SPL	5650							
OTHER REPAIR/MAINT. SP	5990							
REPAIR & MAINTENANCE								
SUPPLIES AND EXPENSES								
PROFESSIONAL SERVICES								
ENGINEERING	6015							
LEGAL	6025							
PROFESSIONAL SERVICE								
REPR/MAINT-OUTSIDE LABO								
BUILDING R&M	6350		25,000		25000-			
STREETS & STRUCTURES R	6360	35000	4,840		30160	83.3	35,000-	100.0-
DISINFECT./EXTERMINATI	6394							
OTHER REPAIRS AND MAIN	6399							
AUTOMOTIVE EQ. RENT	6415							
OTHER RENT	6449							
REPR/MAINT-OUTSIDE L								
		35000	29,840		5160	83.3	35,000-	100.0-

	OTHER SERVICES & CHAR	35000	29,840		5160	83.3		35,000-	100.0-
	IMPROVEMENT OTHER THAN								
	STREETS & ROADWAYS 7230								
	STREET LIGHTING 7235								
	LIGHTING SYSTEM 7236								
	OTHER IMPROVEMENTS 7295								
	AIRPORT SIGN 7295 01								
22634	AIRPORT IMP-FAA 7295 02	1380000		95183	1284818	83.3	6.8	1,265,780-	91.7-
	MDOT-MULTIMODAL 7295 06								
	MISC.OTHER IMPROVEMEN 7295 99								
-----		-----	-----	-----	-----	-----	-----	-----	-----
22634	OTHER IMPROVEMENTS	1380000		95183	1284818	83.3	6.8	1,265,780-	91.7-
-----		-----	-----	-----	-----	-----	-----	-----	-----
22634	IMPROVEMENT OTHER TH	1380000		95183	1284818	83.3	6.8	1,265,780-	91.7-
	MACHINERY AND EQUIPMENT								
	DATA PROCESSING EQUIP. 7327								
	AGRICULTURAL EQUIPMENT 7335								
	COMMUNICATION EQUIPMEN 7355								
	OTHER EQUIPMENT 7399								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPM								
-----		-----	-----	-----	-----	-----	-----	-----	-----
22634	CAPITAL OUTLAY	1380000		95183	1284818	83.3	6.8	1,265,780-	91.7-
-----		-----	-----	-----	-----	-----	-----	-----	-----
22634	EXPENDITURES	1415000	29,840	95183	1289978	83.3	6.7	1,300,780-	91.9-

050452 - 2015A TIF B&I-RIDGE/TURTLE CRK

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OTHER SERVICES & CHARGE							
	PROP.TAX COLL. FEES .0 6830							
	PROP.TAX COLL. FEES.00 6831							
	BANK SERV/TRF FEE 6832							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
	BONDS REDEEMED							
	IND/ECON DEV ISSUES 8020	70000		60000	10000	83.3 85.7	2,000	2.8
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	70000		60000	10000	83.3 85.7	2,000	2.8
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120	77000		65725	11275	83.3 85.3	1,870	2.4
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	77000		65725	11275	83.3 85.3	1,870	2.4
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420	2000		1940	60	83.3 97.0	328	16.4
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	2000		1940	60	83.3 97.0	328	16.4
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE	149000		127665	21335	83.3 85.6	4,198	2.8
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	149000		127665	21335	83.3 85.6	4,198	2.8

050602 - 2015 TIF B&I-RIDGE/MIDTOWN MAR

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	PROFESSIONAL SERVICES							
	CONSULTANT SERV/SURVEY 6020							
	LEGAL 6025							
	OTHER PROFESSIONAL SER 6049							
-----		-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE							
	INSURANCE							
	OTHER INSURANCE 6299							
-----		-----	-----	-----	-----	-----	-----	-----
	INSURANCE							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
	BONDS REDEEMED							
	GENERAL ISSUES 8000							
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED							
	INTEREST ON BONDS							
	GENERAL ISSUES 8100							
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS							
	PAYING AGENT FEES							
	GENERAL ISSUES 8400							
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES							
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

051452 - 2015B TIF B&I-MIDTOWN MARKET

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OTHER SERVICES & CHARGE							
	PROP.TAX COLL. FEES .0 6830							
	PROP.TAX COLL. FEES.00 6831							
	BANK SERV/TRF FEE 6832							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
	BONDS REDEEMED							
	IND/ECON DEV ISSUES 8020			10000	10000-		12,000	
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED			10000	10000-		12,000	
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120			11275	11275-		13,530	
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS			11275	11275-		13,530	
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420			1940	1940-		2,328	
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES			1940	1940-		2,328	
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE			23215	23215-		27,858	
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES			23215	23215-		27,858	

072201 - MUN.ROAD&BRIDGE-STREET DIV

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
OPERATING SUPPLIES								
	CHEMICALS 5130							
	ASPHALT & ASPHALT PROD 5400							
	CONCRETE, CEMENT, ETC. 5405							
	BRICK, STONE, MORTAR, ETC 5410							
	SAND, CLAY, GRVL, FILL DI 5415							
	DRAINAGE PIPE & CULVER 5420							
	MINOR EQUIPMENT 5460							
	STREET MARKING SUPPLIE 5550							
-----		-----	-----	-----	-----	-----	-----	-----
OPERATING SUPPLIES								
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600							
	PLUMBING SUPPLIES 5610							
	STRUCTURAL STEEL & IRO 5620							
-----		-----	-----	-----	-----	-----	-----	-----
REPAIR & MAINTENANCE								
-----		-----	-----	-----	-----	-----	-----	-----
SUPPLIES AND EXPENSES								
PROFESSIONAL SERVICES								
4665	ENGINEERING 6015	272331		142603	129728	83.3 52.3	101,207-	37.1-
	APPRAISAL 6017							
3068	LEGAL 6025	2669		2668	1	83.3 99.9	532	19.9
	OTHER PROFESSIONAL SER 6049							
-----		-----	-----	-----	-----	-----	-----	-----
7733	PROFESSIONAL SERVICE	275000		145271	129729	83.3 52.8	100,674-	36.6-
TRANSPORTATION								
	TRAVEL EXPENSE 6110							
-----		-----	-----	-----	-----	-----	-----	-----
TRANSPORTATION								
REPR/MAINT-OUTSIDE LABO								
	STREETS & STRUCTURES R 6360	1680406	410,748	1267872	1786	83.3 75.4	158,959-	9.4-
	MINOR EQUIPMENT R&M 6382							
-----		-----	-----	-----	-----	-----	-----	-----
	REPR/MAINT-OUTSIDE L	1680406	410,748	1267872	1786	83.3 75.4	158,959-	9.4-
RENTALS								
	MACHINERY RENT 6420							
-----		-----	-----	-----	-----	-----	-----	-----
RENTALS								
OTHER SERVICES & CHARGE								
126	BANK SERV/TRF FEE 6832			126	126-		151	
	8/29 TIPPING FEES 6880							
	8/29 TIPPING-PW7311 6880 01							

	8/29 TIPPING-PW8157	6880 02							
	8/29 TIPPING-PW7711	6880 03							
	8/29 TIPPING FEES								
126	OTHER SERVICES & CHA			126	126-			151	
7859	OTHER SERVICES & CHAR	1955406	410,748	1413269	131389	83.3	72.2	259,483-	13.2-
	LAND								
	LAND	7000	130000	80000	50000	83.3	61.5	34,000-	26.1-
	EASEMENTS	7010							
	LAND		130000	80000	50000	83.3	61.5	34,000-	26.1-
	IMPROVEMENT OTHER THAN								
	BRIDGES	7210							
	34TH AVE PEDESTRIAN B	7210 01							
	28TH AVENUE BRIDGE	7210 02	310000		310000	83.3		310,000-	100.0-
	12TH AVENUE BRIDGE	7210 03	20000	18200	1800	83.3	91.0	1,840	9.2
	BRIDGES		330000	18200	311800	83.3	5.5	308,160-	93.3-
	DRAINS	7215							
	MOBILE ST (CDBG)	7215 14							
	DRAINS								
	SIDEWALKS	7225							
	SIDEWALKS-NON SPECIFI	7225 01	94810	21013	73797	83.3	22.1	69,594-	73.4-
	MDOT-WOODLEY, ROWAN SC	7225 02							
	LONG LEAF TRACE/KP SI	7225 03							
	HWY 49 SIDEWALKS	7225 04							
	MDOT-HAWKINS SCHL SID	7225 05	260980	106109	154871	83.3	40.6	133,649-	51.2-
	MDOT-TUSCAN AVE SIDEW	7225 06	309077	30059	279018	83.3	9.7	273,006-	88.3-
	MDOT-LLT DEPOT TO CHA	7225 07	511222		511222	83.3		511,222-	100.0-
	MDOT-J ED TURNER BIKE	7225 08	30000		30000	83.3		30,000-	100.0-
	EDWARDS ST PATHWAY	7225 09	250000	218815	31185	83.3	87.5	12,578	5.0
	CAMP ST WALKING TRAIL	7225 10	250000		250000	83.3		250,000-	100.0-
	GRANT-GORDON CREEK SI	7225 11	349898		349898	83.3		349,898-	100.0-
	GORDON CREEK PATHWAYS	7225 20							
	MAMIE STREET	7225 21							
	SIDEWALKS		2055987	375995	1679992	83.3	18.2	1,604,793-	78.0-
	STREETS & ROADWAYS	7230							
	UNETTA ST BRIDGE	7230 01							
	INDUSTRIAL PARK ROADS	7230 02							
40075	WESTERN BELTWAY	7230 03	40075	40075		83.3	100.0	8,015	20.0
	NORTH-SOUTH CORRIDOR-	7230 04							
	RAILROAD CROSSING UPG	7230 05							
	BIKE LANES	7230 06							
	MDIP-HBURG CLINIC ACC	7230 07	463868		463868	83.3		463,868-	100.0-
	MDOT-4TH ST PHASE I	7230 08							
	MDOT-4TH ST PHASE II	7230 09	1340509		1340509	83.3		1,340,509-	100.0-
	MDOT-FUTURE PROJECT	7230 10							

	E.4TH STREET	7230 11							
	LAKE FORGETFUL	7230 13	300000		300000	83.3		300,000-	100.0-
160000	MDA-NORTH 31ST AVENUE	7230 18	165425	165425		83.3	100.0	33,085	20.0
	LAKEVIEW BRIDGE NORTH	7230 21							
	LAKEVIEW BRIDGE SOUTH	7230 22							
	FORREST STREET BRIDGE	7230 24							
	CTRY.CLUB RD. INTERSE	7230 25							
	TATUM BLVD.IMPROVEMEN	7230 26							
	DOWNTOWN STREET IMPRO	7230 27							
	WEATHERSBY-S US HWY 9	7230 28							
	SHORT STREET IMPROVEM	7230 29							
	MAMIE ST RELOCATION	7230 34							
	MDOT-B'WAY,MOBILE TE	7230 39	78139	78137	2	83.3	99.9	15,625	19.9
	MDOT-34TH AVE TE	7230 40							
	MCLEOD ST BRIDGE	7230 41							
9785	BROAD ST BRIDGE	7230 42	43554	43553	1	83.3	99.9	8,709	19.9
	MDOT-MARTIN LUTHER KI	7230 43							
	HARDY WIDENING #1-MDO	7230 48							
	RAWLS SPGS LOOP RD	7230 50							
	MDOT-LLT-US 49 TO MAI	7230 51	214251	208439	5812	83.3	97.2	35,875	16.7
	HARDY WIDENING #2-MDO	7230 52							
	ARRA-W PINE-B'WAY TO	7230 53							
27212	WATER TANK ACCESS RD	7230 54	178474	178473	1	83.3	99.9	35,693	19.9
	CORRIDOR/INTERSECT.IM	7230 75							
	CHAUVET SQUARE PROJEC	7230 81							
	OTHER STREET IMPR.	7230 99							
237072	STREETS & ROADWAYS		2824295	714102	2110193	83.3	25.2	1,967,372-	69.6-
	OTHER IMPROVEMENTS	7295							
	WARNING SIREN	7295 01							
	TRAF.SIGNAL UPGRADE-I	7295 28							
	TRAF.SIGNAL-SOUTHERN	7295 29							
	TRAF.SIGNAL-TATUM/BON	7295 41							
	TRAF.SIGNAL-BARTUR/B'	7295 54	3903	3903		83.3	100.0	780	19.9
	TRAF.SIGNAL-USM/4TH S	7295 55							
	OTHER IMPROVEMENTS		3903	3903		83.3	100.0	780	19.9
237072	IMPROVEMENT OTHER TH		5214185	1112201	4101984	83.3	21.3	3,879,543-	74.4-
	MACHINERY AND EQUIPMENT								
	AGRICULTURAL EQUIPMENT	7335							
	CONSTRUCTION EQUIPMENT	7345							
	MACHINERY AND EQUIPM								
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
	DUMP TRUCKS	7440							
	SPECIAL TRUCKS	7450							
	VEHICLES								

237072	CAPITAL OUTLAY	5344185		1192201	4151984	83.3	22.3	3,913,543-	73.2-
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244931	EXPENDITURES	7299591	410,748	2605470	4283374	83.3	35.6	4,173,027-	57.1-

072460 - MUN.R&B FUND-CAPITAL LEASES

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	CAPITAL LEASE PAYMENTS							
	TRACTOR LEASE '11 8512							
	BACKHOE LEASE '11 8514							
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	CAPITAL LEASE PAYMEN							
	INTEREST ON CAPITAL LEA							
	TRACTOR LEASE '11 8612							
	BACKHOE LEASE '11 8614							
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON CAPITAL							
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE							
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	EXPENDITURES							

072500 - MUN.ROAD&BRIDGE-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	TRANSFERS TO OTHER FUND							
	T/T GENERAL FUND 9000 01							
	T/T SPECIAL STREET 9000 08							
	T/T COMMUNITY DEVELOPM 9000 82							
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F							
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSFERS							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

073570 - MASS TRANSIT-TRANSPORTATION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES									
32255	REGULAR WAGES 4000	588351		346882	241469	83.3	58.9	172,092-	29.2-
	DISASTER RECOVERY WAGE 4010			6564	6564-			7,876	
4599	OVERTIME 4300	55000		43718	11282	83.3	79.4	2,538-	4.6-
	DISASTER RECOVERY OVER 4310			2059	2059-			2,470	
36854	SALARIES	643351		399223	244128	83.3	62.0	164,283-	25.5-
EMPLOYEE BENEFITS									
5804	STATE RETIREMENT 4600	98965		62878	36087	83.3	63.5	23,511-	23.7-
2661	F.I.C.A. TAXES 4700	46660		29033	17627	83.3	62.2	11,820-	25.3-
8500	HOSPITALIZATION INS. 4800	132800		104533	28267	83.3	78.7	7,360-	5.5-
	UNEMPLOYMENT BENEFITS 4900	6110		6110		83.3	100.0	1,222	20.0
17990	WORKMAN'S COMPENSATION 4910	13316		17990	4674-	83.3	135.1	8,272	62.1
34956	EMPLOYEE BENEFITS	297851		220544	77307	83.3	74.0	33,198-	11.1-
71809	PERSONAL SERVICES	941202		619767	321435	83.3	65.8	197,481-	20.9-
OFFICE SUPPLIES									
	PAPER 5003	300			300	83.3		300-	100.0-
	PRINTED FORMS 5005	100		90	10	83.3	90.0	8	8.0
17	OTHER EXPENDABLE OFF.S 5010	2000	373	1225	401	83.3	61.2	530-	26.5-
216	MINOR OFFICE EQUIP/FUR 5020	2400		965	1435	83.3	40.2	1,242-	51.7-
	SUBSCRIPTIONS,MAGS,MAP 5050								
	BOOKS 5070								
	COMPUTER SUPPLIES 5080	1500		577	923	83.3	38.4	807-	53.8-
234	OFFICE SUPPLIES	6300	373	2858	3069	83.3	45.3	2,870-	45.5-
OPERATING SUPPLIES									
	CLEANING/JANITORIAL SP 5100	1400		1175	225	83.3	83.9	10	.7
59	FOOD 5115	1000		364	636	83.3	36.4	563-	56.3-
	MEDICAL SUPPLIES 5120								
	CHEMICALS 5130	600			600	83.3		600-	100.0-
692	GAS AND OIL 5250	10000	18	7851	2131	83.3	78.5	578-	5.7-
	LUBRICANTS 5255	500		190	310	83.3	38.0	272-	54.4-
7448	DIESEL FUEL 5257	120000		51066	68934	83.3	42.5	58,720-	48.9-
	OTHER FUEL 5260								
	WEARING APPAREL 5355	1700	663		1037	83.3		1,700-	100.0-
	CONCRETE, CEMENT, ETC. 5405	2500			2500	83.3		2,500-	100.0-
	SAND,CLAY,GRVL,FILL DI 5415								
100	HAND TOOLS 5450	1000	464	233	303	83.3	23.3	720-	72.0-
	MINOR EQUIPMENT 5460								
21	OTHER OPERATING MATL/S 5590	3700	350	1463	1887	83.3	39.5	1,944-	52.5-

8320	OPERATING SUPPLIES		142400	1,495	62342	78563	83.3	43.7	67,589-	47.4-
	REPAIR & MAINTENANCE SP									
	BUILDING MATERIALS & S	5600	700		70	630	83.3	10.0	616-	88.0-
	ELECTRICAL SUPPLIES	5605	500		360	140	83.3	72.0	68-	13.6-
	PLUMBING SUPPLIES	5610	500			500	83.3		500-	100.0-
	PAINT AND PAINTING SPL	5650	500			500	83.3		500-	100.0-
	MTR VEHICLE REP. PTS/S	5700	1600	4	548	1048	83.3	34.2	942-	58.8-
	REPAIR PARTS - BUSES	5710								
42	REPAIR PARTS - FIXED R	5710 01	50000	7,706	33807	8486	83.3	67.6	9,431-	18.8-
	REPAIR PARTS - PARATRA	5710 02	10000	3,614	2506	3880	83.3	25.0	6,992-	69.9-
	COMMUNICATION REPAIR P	5750	1000			1000	83.3		1,000-	100.0-
	AGRICLTRL REPAIR PTS/S	5755								
	OTHER REPAIR/MAINT. SP	5990	2000	153	1436	411	83.3	71.8	276-	13.8-
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42	REPAIR & MAINTENANCE		66800	11,477	38728	16595	83.3	57.9	20,326-	30.4-
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8596	SUPPLIES AND EXPENSES		215500	13,345	103928	98227	83.3	48.2	90,786-	42.1-
	PROFESSIONAL SERVICES									
	AUDITING AND ACCOUNTIN	6010								
	CONSULTANT SERV/SURVEY	6020								
	BUILDING/BUS SECURITY	6021	11000		240	10760	83.3	2.1	10,712-	97.3-
	MEDICAL	6027								
	OTHER PROFESSIONAL SER	6049	9300	60	3360	5880	83.3	36.1	5,268-	56.6-
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	PROFESSIONAL SERVICE		20300	60	3600	16640	83.3	17.7	15,980-	78.7-
	COMMUNICATIONS									
271	TELEPHONE AND TELEGRAP	6060	6600		6539	61	83.3	99.0	1,246	18.8
	POSTAGE	6070	200			200	83.3		200-	100.0-
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271	COMMUNICATIONS		6800		6539	261	83.3	96.1	1,046	15.3
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	5000		2418	2582	83.3	48.3	2,098-	41.9-
65	FREIGHT	6120	2300	247	588	1465	83.3	25.5	1,594-	69.3-
	MESSENGER/EXPRESS SERV	6130								
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65	TRANSPORTATION		7300	247	3006	4047	83.3	41.1	3,692-	50.5-
	ADVERTISING									
	ADVERTISING	6150	9000			9000	83.3		9,000-	100.0-
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	ADVERTISING		9000			9000	83.3		9,000-	100.0-
	PRINTING AND BINDING									
	PRINTING	6200	1900	255	395	1250	83.3	20.7	1,426-	75.0-
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	PRINTING AND BINDING		1900	255	395	1250	83.3	20.7	1,426-	75.0-
	INSURANCE									
	PUBLIC LIAB/PROPERTY D	6255	50000		47546	2454	83.3	95.0	7,055	14.1
	AUTOMOBILE INSURANCE	6265								
	SURETY AND FORGERY BON	6270								
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	INSURANCE		50000		47546	2454	83.3	95.0	7,055	14.1
	UTILITIES									

893	ELECTRICITY	6305	16000	5760	10240	83.3	36.0	9,088-	56.8-
893	UTILITIES		16000	5760	10240	83.3	36.0	9,088-	56.8-
	REPR/MAINT-OUTSIDE LABO								
35	BUILDING R&M	6350	6500	5417	1083	83.3	83.3		
	ELECTRICAL R&M	6355							
	PLUMBING EQUIPMENT R&M	6357							
	OFFICE EQUIPMENT R&M	6365	500	270	230	83.3	54.0	176-	35.2-
	FIXED EQUIPMENT R&M	6380							
	MINOR EQUIPMENT R&M	6382							
	MOTOR VEHICLE EQ. R&M	6384	3000	627	696	83.3	55.9	987-	32.9-
35	REPR/MAINT-OUTSIDE L		10000	627	7364	83.3	73.6	1,163-	11.6-
	BUS EQUIPMENT R&M								
4054	BUS EQUIP R&M-FIXED RO	6385 01	71139	13,885	48722	83.3	68.4	12,672-	17.8-
	BUS EQUIP R&M-PARATRA	6385 02	28065	18,051	8665	83.3	30.8	17,667-	62.9-
	COMMUNICATION EQ. R&M	6390	5000	2,418	2582	83.3		5,000-	100.0-
48	DISINFECT./EXTERMINATI	6394	250	144	106	83.3	57.6	77-	30.8-
	SIGN PAINTING	6396	500		500	83.3		500-	100.0-
	TOW IN CHARGES	6398	1600	250	50	83.3	81.2	40-	2.5-
50	OTHER REPAIRS AND MAIN	6399	1200	40	1026	83.3	85.5	31	2.5
4152	BUS EQUIPMENT R&M		107754	34,644	59857	83.3	55.5	35,925-	33.3-
	RENTALS								
	CYLINDER RENT	6425							
	UNIFORM RENT	6430	3000	2355	645	83.3	78.5	174-	5.8-
	OTHER RENT	6449	500	107	393	83.3	21.4	371-	74.2-
	RENTALS		3500	2463	1037	83.3	70.3	544-	15.5-
	OTHER SERVICES & CHARGE								
93	PROP.TAX COLL. FEES .0	6830		807	807-			968	
10	PROP.TAX COLL. FEES.00	6831		1251	1251-			1,501	
	DUES AND MEMBERSHIPS	6840	500	400	100	83.3	80.0	20-	4.0-
	REGISTRATION FEE/TUITI	6845							
	LAUNDRY	6850							
	JARC-OPERATIONS	6868	320000	39198	280802	83.3	12.2	272,962-	85.3-
	ARRA-OPERATIONS	6869							
	SERVICES NOT SPECIFIED	6999							
103	OTHER SERVICES & CHA		320500	41657	278843	83.3	12.9	270,511-	84.4-
5519	OTHER SERVICES & CHAR		553054	35,833	178185	83.3	32.2	339,232-	61.3-
	BUILDING/BLD IMPROVEMEN								
	BUILDINGS	7100							
	BUS SHELTERS	7100 24	20000		20000	83.3		20,000-	100.0-
	MASS TRANSIT FACILITY	7100 27	615566		615566	83.3		615,566-	100.0-
	BUILDINGS		635566		635566	83.3		635,566-	100.0-
	BUILDING/BLD IMPROVE		635566		635566	83.3		635,566-	100.0-
	IMPROVEMENT OTHER THAN								

OTHER IMPROVEMENTS									
IMPROVEMENT OTHER THAN MACHINERY AND EQUIPMENT									
OFFICE FURN/EQUIP.	7325	10000		10000	83.3			10,000-	100.0-
DATA PROCESSING EQUIP.	7327								
ARRA-DP EQUIP/SOFTWARE	7328								
AGRICULTURAL EQUIPMENT	7335								
COMMUNICATION EQUIPMEN	7355	25000	8675	16325	83.3	34.7		14,590-	58.3-
ARRA-COMMUNICATION EQU	7356								
ARRA-GPS EQUIPMENT	7357								
MAJOR EQUIP. IMPROVEME	7390								
OTHER EQUIPMENT	7399								
MACHINERY AND EQUIPM		35000	8675	26325	83.3	24.7		24,590-	70.2-
VEHICLES									
AUTOMOBILES	7400								
BUSES	7410	331318	321042	10276	83.3	96.8		53,932	16.2
ARRA-TROLLEYS	7415								
SPECIAL TRUCKS	7450								
VEHICLES		331318	321042	10276	83.3	96.8		53,932	16.2
CAPITAL OUTLAY		1001884	329717	672167	83.3	32.9		606,223-	60.5-
85924	EXPENDITURES	2711640	49,178	1231597	1430865	83.3	45.4	1,233,723-	45.4-

075695 - W&S CONSTR.-CAPITAL PROJECTS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OPERATING SUPPLIES							
	ASPHALT & ASPHALT PROD 5400							
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	OPERATING SUPPLIES							
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	SUPPLIES AND EXPENSES							
	PROFESSIONAL SERVICES							
28124	ENGINEERING 6015	321065		321064	1	83.3 99.9	64,211	19.9
	ENGINEERING-I&I STUDY 6015 01	1000000		788098	211902	83.3 78.8	54,282-	5.4-
	LEGAL 6025							
	OTHER PROFESSIONAL SER 6049							
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28124	PROFESSIONAL SERVICE	1321065		1109161	211904	83.3 83.9	9,928	.7
	REPR/MAINT-OUTSIDE LABO							
	STREETS & STRUCTURES R 6360							
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	REPR/MAINT-OUTSIDE L							
	OTHER SERVICES & CHARGE							
	SETTLEMT OF DAMAGE CLA 6700							
	BANK SERV/TRF FEE 6832	100			100	83.3	100-	100.0-
	SERVICES NOT SPECIFIED 6999	178935		173813	5122	83.3 97.1	29,640	16.5
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	OTHER SERVICES & CHA	179035		173813	5222	83.3 97.0	29,540	16.4
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28124	OTHER SERVICES & CHAR	1500100		1282974	217126	83.3 85.5	39,468	2.6
	LAND							
	LAND 7000							
	EASEMENTS 7010							
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	LAND							
	IMPROVEMENT OTHER THAN							
	FENCES/RAILINGS 7212							
	SEWERS 7220							
	SEWER PHASE III 7220 01							
	IRENE CHAPEL-HATTIE A 7220 02							
	IND.PARK WTR/SWR IMPR 7220 03							
	MISC.SEWER SYSTEMS IM 7220 04							
	SHADOWOOD 7220 05							
	WOODHAVEN 7220 06							
	RICHBURG HILL TO I/59 7220 07							
	HWY 49 S 7220 08							
	W.HILLS GOLF CRSE SWR 7220 09							

	PCS WTR/SWR LINES	7220 10							
	S.LAGOON IMPROVEMENTS	7220 11							
	COUNTRY CLUB SEWER	7220 13							
	HYBRID PLASTICS PROJ(	7220 14							
	PALMER'S SWR-SRF-LOAN	7220 15							
	CENTRAL SCHL RD	7220 16							
	JAMES/HWY49 SRF LOAN#	7220 18							
	I-59/JERVIS MIMS	7220 19							
	DIXIE PINE-SRF LOAN #	7220 20							
	USM PUMP STATION	7220 21							
	N.LAGOON EXPANSION	7220 26							
	S.LAGOON REPAIRS	7220 27							
	HWY 11 SOUTH SEWER	7220 29							
	USA YEAST	7220 37							
	S2-W 592 SWR W OF RAI	7220 38							
	S3-E 592 SWR E OF RAI	7220 39							
	CDBG-WIS PAK	7220 46							
	LAGOON AERATORS-ARRA	7220 47							
	RAILROAD BORE	7220 48							
	SEWER PHASE II	7220 50							
	CDBG-USA YEAST	7220 51							
	SEWER PHASE IV	7220 53							
65044	PROGRAMMED SEWER PROJ	7220 99	1000000		874147	125853	83.3 87.4	48,976	4.8
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65044	SEWERS		1000000		874147	125853	83.3 87.4	48,976	4.8
	STREETS & ROADWAYS	7230							
	1995 W&S-PAVING	7230 01							
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	STREETS & ROADWAYS								
	WATER SYSTEMS	7245							
	JAMES ST WTR PLT	7245 02							
	HWY 98 WEST WTR.IMPR.	7245 03							
	HWY 98 ELEVATED WTR T	7245 04							
	WESTERN CONTAINER FIR	7245 06							
	RICHBURG HILL TO I/59	7245 07							
	RICHBURG HILL WTR.LIN	7245 14							
	RICHBURG HILL BOOSTER	7245 17							
	COUNTRY CLUB WATER	7245 18							
	RICHBURG ELEVATED TAN	7245 19							
	RAULSTON RD WATER	7245 20							
	BLC MUN.AIRPORT	7245 21							
	JMT IND.DR/JAMES ST	7245 22							
	TATUM BLVD/HWY 11	7245 23							
	HATTIE WATER MAIN.	7245 25							
	CDBG-WIS PAK	7245 46							
	2015 WATER IMPROVEMEN	7245 54	91000		90472	528	83.3 99.4	17,566	19.3
	PROGRAMMED WATER PROJ	7245 99	909000		53001	855999	83.3 5.8	845,398-	93.0-
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	WATER SYSTEMS		1000000		143473	856527	83.3 14.3	827,832-	82.7-
	OTHER IMPROVEMENTS	7295							
	SCS PROJECT MATCH	7295 20							
	NRCS EROSION CONTROL	7295 21							

	TURTLECREEK-STORM DRA	7295	26							
	TURTLECREEK-WATER/SEW	7295	27							
-----	TANK PAINTING/MAINT	7295	98	250000	-----	216767	-----	33233	-----	83.3 86.7 10,120 4.0
	OTHER IMPROVEMENTS			250000	-----	216767	-----	33233	-----	83.3 86.7 10,120 4.0
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65044	IMPROVEMENT OTHER TH			2250000	-----	1234387	-----	1015613	-----	83.3 54.8 768,735- 34.1-
	MACHINERY AND EQUIPMENT									
	OFFICE FURN/EQUIP.	7325								
	PIPE	7370								
	OTHER EQUIPMENT	7399								
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	MACHINERY AND EQUIPM									
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65044	CAPITAL OUTLAY			2250000	-----	1234387	-----	1015613	-----	83.3 54.8 768,735- 34.1-
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93168	EXPENDITURES			3750100	-----	2517361	-----	1232739	-----	83.3 67.1 729,266- 19.4-

077650 - COMMUNITY CTR-ADMIN/GENERAL

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
<u>SALARIES</u>								
26973	REGULAR WAGES 4000	348510		275963	72547	83.3 79.1	17,354-	4.9-
	DISASTER RECOVERY WAGE 4010			591	591-		709	
495	OVERTIME 4300	13000		8722	4278	83.3 67.0	2,533-	19.4-
	DISASTER RECOVERY OVER 4310			293	293-		351	
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27467	SALARIES	361510		285569	75941	83.3 78.9	18,827-	5.2-
<u>EMPLOYEE BENEFITS</u>								
4326	STATE RETIREMENT 4600	56938		44977	11961	83.3 78.9	2,965-	5.2-
2052	F.I.C.A. TAXES 4700	27656		21387	6269	83.3 77.3	1,991-	7.1-
6500	HOSPITALIZATION INS. 4800	92400		75100	17300	83.3 81.2	2,280-	2.4-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	83.3	500-	100.0-
13331	WORKMAN'S COMPENSATION 4910	12675		13331	656-	83.3 105.1	3,322	26.2
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26209	EMPLOYEE BENEFITS	190169		154796	35373	83.3 81.3	4,413-	2.3-
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53676	PERSONAL SERVICES	551679		440365	111314	83.3 79.8	23,241-	4.2-
<u>OFFICE SUPPLIES</u>								
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	1000		656	344	83.3 65.6	212-	21.2-
	MINOR OFFICE EQUIP/FUR 5020	1000			1000	83.3	1,000-	100.0-
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
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	OFFICE SUPPLIES	2000		656	1344	83.3 32.8	1,212-	60.6-
<u>OPERATING SUPPLIES</u>								
1915	CLEANING/JANITORIAL SP 5100	10000		7659	2341	83.3 76.5	809-	8.0-
	HOUSEHOLD SUPPLIES 5110							
	FOOD 5115							
	MEDICAL SUPPLIES 5120	250			250	83.3	250-	100.0-
	CHEMICALS 5130							
223	GAS AND OIL 5250	9000		2622	6378	83.3 29.1	5,853-	65.0-
	WEARING APPAREL 5355	500			500	83.3	500-	100.0-
	HORT./LANDSCAPING SPLY 5440	2800		1401	1399	83.3 50.0	1,118-	39.9-
	HAND TOOLS 5450							
	MINOR EQUIPMENT 5460	12500		6266	6234	83.3 50.1	4,980-	39.8-
	MDSE FOR RESALE 5520							
27	OTHER OPERATING MATL/S 5590	11000		65	10935	83.3 .5	10,922-	99.2-
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2165	OPERATING SUPPLIES	46050		18012	28038	83.3 39.1	24,435-	53.0-
	REPAIR & MAINTENANCE SP							

96	BUILDING MATERIALS & S	5600	5000	55	628	4317	83.3	12.5	4,246-	84.9-
592	ELECTRICAL SUPPLIES	5605	4000		1959	2041	83.3	48.9	1,649-	41.2-
515	PLUMBING SUPPLIES	5610	5000	200	3850	950	83.3	77.0	380-	7.6-
	PAINT AND PAINTING SPL	5650	2000			2000	83.3		2,000-	100.0-
	MTR VEHICLE REP. PTS/S	5700	2000		1908	92	83.3	95.4	289	14.4
	OTHER REPAIR/MAINT. SP	5990	1000		624	376	83.3	62.4	251-	25.1-
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1203	REPAIR & MAINTENANCE		19000	255	8968	9776	83.3	47.2	8,238-	43.3-
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3368	SUPPLIES AND EXPENSES		67050	255	27636	39158	83.3	41.2	33,886-	50.5-
	PROFESSIONAL SERVICES									
	ENTERTAINMENT	6033								
	OTHER PROFESSIONAL SER	6049	8000		3555	4445	83.3	44.4	3,734-	46.6-
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	PROFESSIONAL SERVICE		8000		3555	4445	83.3	44.4	3,734-	46.6-
	COMMUNICATIONS									
60	TELEPHONE AND TELEGRAP	6060	3000		2684	316	83.3	89.4	220	7.3
	POSTAGE	6070								
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60	COMMUNICATIONS		3000		2684	316	83.3	89.4	220	7.3
	TRANSPORTATION									
	TRAVEL EXPENSE	6110								
	FREIGHT	6120								
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	TRANSPORTATION									
	ADVERTISING									
	ADVERTISING	6150								
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	ADVERTISING									
	PRINTING AND BINDING									
	PRINTING	6200								
	FILM PROCESSING	6240								
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	PRINTING AND BINDING									
	INSURANCE									
	BOILER MACHINERY	6260								
	AUTOMOBILE INSURANCE	6265								
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	INSURANCE									
	UTILITIES									
306	GAS	6300	8000		6908	1092	83.3	86.3	289	3.6
7501	ELECTRICITY	6305	82000		56802	25198	83.3	69.2	13,837-	16.8-
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7807	UTILITIES		90000		63710	26290	83.3	70.7	13,548-	15.0-
	REPR/MAINT-OUTSIDE LABO									
5230	BUILDING R&M	6350	16510		10405	6105	83.3	63.0	4,024-	24.3-
	ELECTRICAL R&M	6355								
	PLUMBING EQUIPMENT R&M	6357	2250		1913	337	83.3	85.0	45	2.0
	OFFICE EQUIPMENT R&M	6365								
	HOUSEHOLD EQUIPMENT R&	6370	9000	850	2675	5475	83.3	29.7	5,790-	64.3-
876	FIXED EQUIPMENT R&M	6380	12250	13,740	5945	7435-	83.3	48.5	5,116-	41.7-

	MINOR EQUIPMENT R&M	6382	600		600	83.3		600-	100.0-
	MOTOR VEHICLE EQ. R&M	6384	1750	131	1619	83.3	7.4	1,592-	90.9-
	CLEANING AND PAINTING	6392	12500	7270	5230	83.3	58.1	3,776-	30.2-
211	DISINFECT./EXTERMINATI	6394	7000	6309	691	83.3	90.1	570	8.1
	TOW IN CHARGES	6398	250		250	83.3		250-	100.0-
	OTHER REPAIRS AND MAIN	6399	4900	1610	3290	83.3	32.8	2,968-	60.5-
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6317	REPR/MAINT-OUTSIDE L		67010	14,590	36258	16162	83.3 54.1	23,500-	35.0-
	RENTALS								
	OFFICE EQUIPMENT RENT	6410							
	CYLINDER RENT	6425							
124	UNIFORM RENT	6430	3000	1954	1046	83.3	65.1	655-	21.8-
	MOP-MAT-RAG RENT	6435							
	OTHER RENT	6449							
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124	RENTALS		3000	1954	1046	83.3	65.1	655-	21.8-
	OTHER SERVICES & CHARGE								
	BANK SERV/TRF FEE	6832	50	28	22	83.3	56.0	16-	32.0-
	DUES AND MEMBERSHIPS	6840							
	REGISTRATION FEE/TUITI	6845	1000		1000	83.3		1,000-	100.0-
	PAYMENTS-TOURING EVENT	6997							
	SPECIAL EVENTS EXPENDI	6998							
	SERVICES NOT SPECIFIED	6999	2950		2950	83.3		2,950-	100.0-
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	OTHER SERVICES & CHA		4000	28	3972	83.3	.7	3,966-	99.1-
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14309	OTHER SERVICES & CHAR		175010	14,590	108189	52231	83.3 61.8	45,183-	25.8-
	BUILDING/BLD IMPROVEMEN								
	BUILDING IMPROVEMENTS	7150							
	REC.CENTER (OLD YMCA)	7150 10	27250		27250	83.3		27,250-	100.0-
	CULTURAL CTR	7150 14							
	JDS COMM CTR	7150 19	77500	56,700	20800	83.3		77,500-	100.0-
	SIGLER CENTER	7150 20							
	CE ROY/5TH ST	7150 21	5400	5400		83.3	100.0	1,080	20.0
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	BUILDING IMPROVEMEN		110150	56,700	5400	48050	83.3 4.9	103,670-	94.1-
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	BUILDING/BLD IMPROVE		110150	56,700	5400	48050	83.3 4.9	103,670-	94.1-
	IMPROVEMENT OTHER THAN								
	OTHER IMPROVEMENTS	7295							
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	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	HOUSEHOLD FURN/EQUIP.	7320	20000		20000	83.3		20,000-	100.0-
	OFFICE FURN/EQUIP.	7325							
	COMMUNICATION EQUIPMEN	7355							
	OTHER EQUIPMENT	7399							
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	MACHINERY AND EQUIPM		20000		20000	83.3		20,000-	100.0-
	VEHICLES								
	AUTOMOBILES	7400							

-----	PICK UP TRUCKS	7420	-----	-----	-----	-----	-----	-----	-----
-----	VEHICLES		-----	-----	-----	-----	-----	-----	-----
-----	CAPITAL OUTLAY	130150	56,700	5400	68050	83.3	4.1	123,670-	95.0-
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71353	EXPENDITURES	923889	71,545	581590	270753	83.3	62.9	225,981-	24.4-

CITY OF HATTIESBURG
EXPENDITURE REPORT

10 Months Ending 07/31/17

.....PROJECTED.....
OVER/UNDER %

EXPENDITURES

078635 - '09 WATER METER PROJ-CIP

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
OPERATING SUPPLIES								
	ASPHALT & ASPHALT PROD 5400							
	CONCRETE, CEMENT, ETC. 5405							
	BRICK, STONE, MORTAR, ETC 5410							
	DRAINAGE PIPE & CULVER 5420							
	OTHER OPERATING MATL/S 5590							
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	OPERATING SUPPLIES							
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	SUPPLIES AND EXPENSES							
PROFESSIONAL SERVICES								
	ENGINEERING 6015							
	CONSULTANT SERV/SURVEY 6020							
	LEGAL 6025							
	OTHER PROFESSIONAL SER 6049							
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	PROFESSIONAL SERVICE							
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	OTHER SERVICES & CHAR							
BUILDING/BLD IMPROVEMEN								
	BUILDING IMPROVEMENTS 7150							
	FUTURE PROJECT 7150 18							
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	BUILDING IMPROVEMEN							
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	BUILDING/BLD IMPROVE							
	MACHINERY AND EQUIPMENT							
	WATER UTILITY SOFTWARE 7329							
	HYDRANTS & METERS 7365							
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	MACHINERY AND EQUIPM							
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	CAPITAL OUTLAY							
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	EXPENDITURES							

082285 - CDBG-ENTITLEMENTS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
8629	REGULAR WAGES 4000	112225		97352	14873	83.3 86.7	4,597	4.0
	OVERTIME 4300							
8629	SALARIES	112225		97352	14873	83.3 86.7	4,597	4.0
EMPLOYEE BENEFITS								
1359	STATE RETIREMENT 4600	17675		15333	2342	83.3 86.7	724	4.0
644	F.I.C.A. TAXES 4700	8585		7233	1352	83.3 84.2	94	1.0
1500	HOSPITALIZATION INS. 4800	26400		20702	5698	83.3 78.4	1,557-	5.8-
	UNEMPLOYMENT BENEFITS 4900	500			500	83.3	500-	100.0-
	WORKMAN'S COMPENSATION 4910	3375			3375	83.3	3,375-	100.0-
3503	EMPLOYEE BENEFITS	56535		43268	13267	83.3 76.5	4,613-	8.1-
12131	PERSONAL SERVICES	168760		140620	28140	83.3 83.3	16-	
OFFICE SUPPLIES								
	PAPER 5003	500			500	83.3	500-	100.0-
	PRINTED FORMS 5005							
28	OTHER EXPENDABLE OFF.S 5010	1000		980	20	83.3 98.0	176	17.6
	MINOR OFFICE EQUIP/FUR 5020	1500		1495	5	83.3 99.6	294	19.6
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080							
28	OFFICE SUPPLIES	3000		2475	525	83.3 82.5	30-	1.0-
OPERATING SUPPLIES								
	FOOD 5115							
85	GAS AND OIL 5250	1100	33	667	400	83.3 60.6	299-	27.1-
	LUBRICANTS 5255							
	MINOR EQUIPMENT 5460	500		394	106	83.3 78.8	27-	5.4-
	OTHER OPERATING MATL/S 5590	300	40	43	217	83.3 14.3	248-	82.6-
	OTHER OPER.MATLS-FULL 5591	100		5	95	83.3 5.0	94-	94.0-
	OTHER OPER.MATLS-EMER 5592							
85	OPERATING SUPPLIES	2000	73	1109	818	83.3 55.4	669-	33.4-
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600							
	PAINT AND PAINTING SPL 5650							
	MTR VEHICLE REP. PTS/S 5700	600	117	369	115	83.3 61.5	157-	26.1-
	MINOR COMPUTER EQUIP. 5800							
	REPAIR & MAINTENANCE	600	117	369	115	83.3 61.5	157-	26.1-

-----	113	SUPPLIES AND EXPENSES	5600	190	3953	1457	83.3	70.5	856-	15.2-
		PROFESSIONAL SERVICES								
		AUDITING AND ACCOUNTIN 6010								
		DEMO/RELATED SER 2008- 6013								
		DEMOLITION-TARGET ARE 6013 01	7000			7000-	83.3		7,000-	100.0-
		ASBESTOS REMOVAL-TARG 6013 02	7000		6900	100	83.3	98.5	1,280	18.2
		LOT CLEARING-TARGET A 6013 03								
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		DEMO/RELATED SER 20			6900	6900-			8,280	
		CONSULTANT SERV/SURVEY 6020								
		OTHER PROFESSIONAL SER 6049								
		COMM.HOUSING DEV. ORG 6049 03	56625	11,212	56625	11212-	83.3	100.0	11,325	20.0
		DOWNTOWN LIGHTING 6049 04								
		RECORDING FEES 6049 06	400			400	83.3		400-	100.0-
		ADP LOAN PROGRAM 6049 07								
		ENVIRONMENTAL STUDY 6049 08								
		CAPITAL IMPROVEMENT P 6049 09								
		PUB.SERV.GRANT EXPENS 6049 10								
		NEIGHBORHOOD GRANT EX 6049 11								
		ENGR-DRAINAGE CDBG 6049 12								
		DEMOLITION 1999-2007 6049 13								
		FACADE IMPR.PROGRAM 6049 14	27992			27992	83.3		27,992-	100.0-
		PLANNING 6049 15								
		HABITAT PROGRAM 6049 16								
		PRVO EXPENDITURE 6049 17								
		EATON SCHOOL 6049 18								
		HOME BUYERS' EDUCATIO 6049 19								
		EARLY WARNING ALERT P 6049 20								
		RELOCATION 6049 21								
		LEAD TESTING/ABATEMEN 6049 22	7000	6,900		100	83.3		7,000-	100.0-
		ASBESTOS TESTING/ABAT 6049 23								
684		INTERIM ASSISTANCE 6049 24	10000		2823	7177	83.3	28.2	6,612-	66.1-
		OTHER 6049 99	2000		1161	839	83.3	58.0	606-	30.3-
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684		OTHER PROFESSIONAL	104017	18,112	60609	25296	83.3	58.2	31,286-	30.0-
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684		PROFESSIONAL SERVICE	104017	18,112	67509	18396	83.3	64.9	23,006-	22.1-
		COMMUNICATIONS								
		TELEPHONE AND TELEGRAP 6060	450		66	384	83.3	14.6	370-	82.2-
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		COMMUNICATIONS	450		66	384	83.3	14.6	370-	82.2-
		TRANSPORTATION								
		TRAVEL EXPENSE 6110	5000		1075	3925	83.3	21.5	3,710-	74.2-
		MESSENGER/EXPRESS SERV 6130								
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		TRANSPORTATION	5000		1075	3925	83.3	21.5	3,710-	74.2-
		ADVERTISING								
		ADVERTISING 6150	350			350	83.3		350-	100.0-
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		ADVERTISING	350			350	83.3		350-	100.0-

	PRINTING AND BINDING								
	REPR/MAINT-OUTSIDE LABO								
	OFFICE EQUIPMENT R&M 6365	700			700	83.3		700-	100.0-
	MOTOR VEHICLE EQ. R&M 6384	300		214	86	83.3	71.3	43-	14.3-
	REPR/MAINT-OUTSIDE L	1000		214	786	83.3	21.4	743-	74.3-
	RENTALS								
187	OFFICE EQUIPMENT RENT 6410	3000		2610	390	83.3	87.0	132	4.4
	OTHER RENT 6449								
187	RENTALS	3000		2610	390	83.3	87.0	132	4.4
	OTHER SERVICES & CHARGE								
	EXHIBITIONS & PROMOTIO 6500								
	DISABILITY AWARENESS 6500 02								
	EXHIBITIONS & PROMO								
18	BANK SERV/TRF FEE 6832			18	18-			21	
	DUES AND MEMBERSHIPS 6840	1000		230	770	83.3	23.0	724-	72.4-
	REGISTRATION FEE/TUITI 6845	1200		650	550	83.3	54.1	420-	35.0-
	SERVICES NOT SPECIFIED 6999								
18	OTHER SERVICES & CHA	2200		898	1302	83.3	40.8	1,122-	51.0-
889	OTHER SERVICES & CHAR	116017	18,112	72372	25533	83.3	62.3	29,170-	25.1-
	IMPROVEMENT OTHER THAN								
	DRAINS 7215								
	FACILITIES IMPROVEMEN 7215 01								
	ARLEDGE STREET 7215 06								
	E TIPTON DRAINAGE PRO 7215 16								
	HALL-ALCORN 7215 18								
	EAST CENTRAL 7215 19								
	WALNUT STREET 7215 20								
	HALL AVENUE PHASE III 7215 21								
	MOBILE/BOUIE - PHASE 7215 22								
	KATIE/J HALL - PHASE 7215 23								
	EAST CENTRAL - PHASE 7215 24								
	WALNUT STREET - PHASE 7215 25								
	OLD AIRPORT RD 7215 32								
	DIXIE PINE 7215 33								
	CELESTE PLACE 7215 34								
	OTHER DRAINAGE PROJEC 7215 99								
	DRAINS								
	SEWERS 7220								
	ARRA SIDEWALKS (WOODLE 7225								
	STREETS& ROADWAYS 7230								
	TUSCAN AVENUE TO BERN 7230 35								

	OTHER STREET IMPR.	7230 99							
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	STREETS & ROADWAYS								
	CDBG/HOME HOUSING	7254							
	CDBG FULL REHAB	7254 01	340903		150815	190088	83.3 44.2	159,925-	46.9-
	CDBG HOUSING REPR	7254 02	111900		10000	101900	83.3 8.9	99,900-	89.2-
6800	HOME FULL REHAB	7254 03	210089	12,600	83575	113914	83.3 39.7	109,799-	52.2-
	HOME DOWNPAYMENT ASST	7254 04	50000	6,102	32111	11787	83.3 64.2	11,466-	22.9-
	AFFORDABLE HOUSING	7254 05							
	HOME REVOLVING LOANS	7254 06							
	WORLD CHANGERS	7254 07							
	ADOPT A HOME	7254 08							
	RECONSTRUCTION	7254 09							
	RECONSTRUCTN/SALV.ARM	7254 10							
	BLUE ROOFS	7254 11							
	EATON SCHOOL	7254 12							
	MICROENTERPRISE PROGR	7254 13	37934		5331	32603	83.3 14.0	31,536-	83.1-
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6800	CDBG/HOME HOUSING		750826	18,702	281832	450292	83.3 37.5	412,627-	54.9-
	CDBG-ENTITLEMT ASSISTA	7285							
	HOME ENTITLEMT ASSISTA	7286							
	TENANT BASED RENTAL A	7286 01	3302		1460	1842	83.3 44.2	1,550-	46.9-
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	HOME ENTITLEMT ASSI		3302		1460	1842	83.3 44.2	1,550-	46.9-
	MDA AM DREAM D/P (ADDI	7287							
	OTHER IMPROVEMENTS	7295	120066		120066		83.3 100.0	24,013	19.9
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6800	IMPROVEMENT OTHER TH		874194	18,702	403358	452134	83.3 46.1	390,164-	44.6-
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
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	MACHINERY AND EQUIPM								
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
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	VEHICLES								
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6800	CAPITAL OUTLAY		874194	18,702	403358	452134	83.3 46.1	390,164-	44.6-
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19934	EXPENDITURES		1164571	37,004	620303	507264	83.3 53.2	420,207-	36.0-

082500 - CDBG-TRANSFERS

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	TRANSFERS TO OTHER FUND							
	T/T GENERAL FUND 9000 01							
	T/T W & S CONSTRUCTION 9000 75							
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F							
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSFERS							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

087500 - INDUSTRIAL PK-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
TRANSFERS TO OTHER FUND								
	T/T GENERAL FUND 9000 01							
	T/T CITY B & I 9000 13							
	T/T CITY B&I (KOHLE) 9000 13K			274211	274211-		329,053	
	T/T CITY B&I (SUNBEAM) 9000 13S							
	T/T MUN.ROAD & BRIDGE 9000 72							
	T/T W & S CONSTRUCTION 9000 75							
-----	TRANSFERS TO OTHER F	-----	-----	-----	-----	-----	-----	-----
				274211	274211-		329,053	
-----	TRANSFERS	-----	-----	-----	-----	-----	-----	-----
				274211	274211-		329,053	
-----	EXPENDITURES	-----	-----	-----	-----	-----	-----	-----
				274211	274211-		329,053	

	ADVERTISING							
	PRINTING AND BINDING							
-----	PRINTING	6200	-----	-----	-----	-----	-----	-----
	PRINTING AND BINDING							
	INSURANCE							
	FIRE & EXTENDED COVERA	6250						
	PUBLIC LIAB/PROPERTY D	6255		12375	12375-		14,850	
-----	OTHER INSURANCE	6299	-----	-----	-----	-----	-----	-----
	INSURANCE			12375	12375-		14,850	
	UTILITIES							
	GAS	6300						
	ELECTRICITY	6305						
-----	WATER	6315	-----	-----	-----	-----	-----	-----
	UTILITIES							
	REPR/MAINT-OUTSIDE LABO							
	BUILDING R&M	6350						
	SIGN PAINTING	6396		5879	5879-		7,054	
	OTHER REPAIRS AND MAIN	6399						
	LANDSCAPE MAINTENANCE	6399 01		360	360-		432	
-----	RAIL SPURS MAINTENANCE	6399 02	-----	6955	6955-		8,346	-----
	REPR/MAINT-OUTSIDE L			13194	13194-		15,832	
	RENTALS							
-----	LAND RENT	6400	-----	-----	-----	-----	-----	-----
	RENTALS							
	OTHER SERVICES & CHARGE							
	CONTRIBUTIONS	6820						
-----	FORREST CTY. REPAYMEN	6820 90	-----	-----	-----	-----	-----	-----
	CONTRIBUTIONS							
	PROPERTY TAXES	6995						
-----	SERVICES NOT SPECIFIED	6999	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----	OTHER SERVICES & CHAR		-----	-----	-----	-----	-----	-----
				337155	337155-		404,586	
	LAND							
95655	LAND	7000		100655	100655-		120,786	
-----	LEASEHOLDS	7020	-----	-----	-----	-----	-----	-----
95655	LAND			100655	100655-		120,786	
	BUILDING/BLD IMPROVEMEN							
	BUILDINGS	7100						
-----	TECHNOLOGY BLDG.	7100 11	-----	-----	-----	-----	-----	-----
	BUILDINGS							
-----			-----	-----	-----	-----	-----	-----

BUILDING/BLD IMPROVE
 IMPROVEMENT OTHER THAN
 STREETS & ROADWAYS 7230
 OTHER IMPROVEMENTS 7295
 RAIL SPUR IMPROVEMENT 7295 09
 OWENS-ILLINOIS PROJEC 7295 35
 USA YEAST RAIL SPUR 7295 36
 KOHLER EXPANSION 7295 37

-----	OTHER IMPROVEMENTS	-----	-----	-----	-----	-----	-----	-----
-----	IMPROVEMENT OTHER TH	-----	-----	-----	-----	-----	-----	-----
-----	95655 CAPITAL OUTLAY	-----	-----	100655	100655-	-----	120,786	-----
-----	BONDS REDEEMED	-----	-----	-----	-----	-----	-----	-----
-----	IND/ECON DEV ISSUES 8020	-----	-----	-----	-----	-----	-----	-----
-----	BONDS REDEEMED	-----	-----	-----	-----	-----	-----	-----
-----	NOTE PRINCIPAL	-----	-----	-----	-----	-----	-----	-----
-----	IND. PARK NOTE 8210	-----	-----	-----	-----	-----	-----	-----
-----	NOTE PRINCIPAL	-----	-----	-----	-----	-----	-----	-----
-----	INTEREST ON NOTES	-----	-----	-----	-----	-----	-----	-----
-----	OTHER NOTES 8335	-----	-----	-----	-----	-----	-----	-----
-----	INTEREST ON NOTES	-----	-----	-----	-----	-----	-----	-----
-----	DEBT SERVICE	-----	-----	-----	-----	-----	-----	-----
-----	95655 EXPENDITURES	-----	-----	438162	438162-	-----	525,794	-----

087630 - INDUSTRIAL PK-KOHLER PROJECT

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	PROFESSIONAL SERVICES							
	ENGINEERING 6015							
	LEGAL 6025							
	OTHER PROFESSIONAL SER 6049							
-----		-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
	LAND							
	LAND 7000							
	SITE PREPARATION 7040							
	SITE IMPROVEMENT 7045							
-----		-----	-----	-----	-----	-----	-----	-----
	LAND							
	BUILDING/BLD IMPROVEMEN							
	BUILDINGS 7100							
	KOHLER BLDG. EXPANSIO 7100 21							
-----		-----	-----	-----	-----	-----	-----	-----
	BUILDINGS							
-----		-----	-----	-----	-----	-----	-----	-----
	BUILDING/BLD IMPROVE							
	IMPROVEMENT OTHER THAN							
	STREETS & ROADWAYS 7230							
	OTHER IMPROVEMENTS 7295							
-----		-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH							
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

088500 - PUBLIC SAFETY/REC CONSTRUCTION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	TRANSFERS TO OTHER FUND							
	T/T SPECIAL STREET 9000 08							
	T/T 2002 TIF B&I-S/P 9000 20							
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F							
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSFERS							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

088602 - PUBLIC SAFETY/REC CONSTRUCTION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
PROFESSIONAL SERVICES								
	DEMOLITION 6013							
	LEGAL 6025							
	OTHER PROFESSIONAL SER 6049	2800000			2800000	83.3	2,800,000-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE	2800000			2800000	83.3	2,800,000-	100.0-
	PRINTING AND BINDING							
	PRINTING 6200							
-----		-----	-----	-----	-----	-----	-----	-----
	PRINTING AND BINDING							
	OTHER SERVICES & CHARGE							
	SERVICES NOT SPECIFIED 6999							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR	2800000			2800000	83.3	2,800,000-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	2800000			2800000	83.3	2,800,000-	100.0-

088603 - PUBLIC SAFETY/REC CONSTRUCTION

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
BUILDING/BLD IMPROVEMEN								
BUILDINGS 7100								
	PUBLIC SAFETY BLDG RE 7100 12	3750000			3750000	83.3	3,750,000-	100.0-
	RECREATION ADMIN BLDG 7100 14	1300000			1300000	83.3	1,300,000-	100.0-
	MUNICIPAL COURT BLDG 7100 15							
	FIRE ADMINISTRATION 7100 21							
	POLICE DEPARTMENT 7100 22	17150000			17150000	83.3	17,150,000-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	BUILDINGS	22200000			22200000	83.3	22,200,000-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	BUILDING/BLD IMPROVE	22200000			22200000	83.3	22,200,000-	100.0-
	IMPROVEMENT OTHER THAN							
	OTHER IMPROVEMENTS 7295							
	SOUTHERN POINTE/TIF P 7295 31							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS							
-----		-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH							
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY	22200000			22200000	83.3	22,200,000-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	22200000			22200000	83.3	22,200,000-	100.0-

089500 - MDA ENERGY EFFICIENCY CAP PROJ

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	TRANSFERS TO OTHER FUND							
	T/T SPECIAL STREET 9000 08							
	T/T 2002 TIF B&I-H/D 9000 21							
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F							
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSFERS							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

089602 - MDA ENERGY EFFICIENCY CAP PROJ

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
PROFESSIONAL SERVICES							
	LEGAL 6025	3000			3000	83.3	3,000- 100.0-
	OTHER PROFESSIONAL SER 6049						
-----		-----	-----	-----	-----	-----	-----
PROFESSIONAL SERVICE							
	PRINTING AND BINDING	3000			3000	83.3	3,000- 100.0-
	PRINTING 6200						
-----		-----	-----	-----	-----	-----	-----
PRINTING AND BINDING							
	OTHER SERVICES & CHARGE						
	SERVICES NOT SPECIFIED 6999						
-----		-----	-----	-----	-----	-----	-----
OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR	3000			3000	83.3	3,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
EXPENDITURES							
		3000			3000	83.3	3,000- 100.0-

089603 - MDA ENERGY EFFICIENCY CAP PROJ

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
IMPROVEMENT OTHER THAN								
OTHER IMPROVEMENTS 7295								
HOME DEPOT/TIF PROJEC 7295 32								
		452208	107,469	344710	29	83.3 76.2	38,556-	8.5-
		138982	26,460	112522		83.3 80.9	3,955-	2.8-
		122770	31,560	91172	38	83.3 74.2	13,363-	10.8-
		1000	1,000	1000	1000-	83.3 100.0	200	20.0
		58529	2,000	56529		83.3 96.5	9,305	15.8
			38,000	38000	76000-		45,600	
		198764	1,000	197764		83.3 99.4	38,552	19.3
			31,556	31556	63112-		37,867	
		320711	40,000	280711		83.3 87.5	16,142	5.0
		353052	50,000	303052		83.3 85.8	10,610	3.0
		458166	137,968	320169	29	83.3 69.8	73,963-	16.1-
		267038	10,000	13221	243817	83.3 4.9	251,172-	94.0-
		64518			64518	83.3	64,518-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS	2435738	477,013	1790406	168319	83.3 73.5	287,250-	11.7-
-----		-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH	2435738	477,013	1790406	168319	83.3 73.5	287,250-	11.7-
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY	2435738	477,013	1790406	168319	83.3 73.5	287,250-	11.7-
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	2435738	477,013	1790406	168319	83.3 73.5	287,250-	11.7-

090500 - 2008 D/T LIGHTING-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
TRANSFERS TO OTHER FUND								
	T/T SPECIAL STREET 9000 08							
	T/T B&I CITY 9000 13							
	T/T 2003 TIF B&I-CHAUV 9000 22							
	T/T 2008 TIF B&I-LINCO 9000 24							
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F							
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSFERS							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

090602 - 2008 D/T LIGHTING-ISSUE EXP

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	PROFESSIONAL SERVICES							
	LEGAL 6025							
	OTHER PROFESSIONAL SER 6049							
-----		-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE							
	OTHER SERVICES & CHARGE							
	SERVICES NOT SPECIFIED 6999							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

090603 - 2008 D/T LIGHTING-PROJECT

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	IMPROVEMENT OTHER THAN							
	OTHER IMPROVEMENTS 7295							
	CHAUVET SQUARE/TIF PR 7295 33							
	LINCOLN CENTER/TIF PR 7295 38							
	D/T LIGHTING/GO NOTE 7295 51							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS							
-----		-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH							
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

091500 - TIF CONST-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
TRANSFERS TO OTHER FUND								
	T/T GENERAL FUND 9000 01							
	T/T SO. POINTE TIF B & 9000 20							
	T/T 2007 TIF B&I-T/C 9000 23							
	T/T KOHLS TIF B&I 9000 25							
	T/T WHISPERING PINES T 9000 26			140071	140071-		168,085	
	T/T RIDGE AT TURTLE CR 9000 50			61020	61020-		73,224	
	T/T MIDTOWN MARKET 9000 51			10500	10500-		12,600	
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F			211591	211591-		253,909	
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSFERS			211591	211591-		253,909	
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES			211591	211591-		253,909	

091602 - TIF CONST-ISSUE EXP

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
PROFESSIONAL SERVICES								
	LEGAL 6025							
	OTHER PROFESSIONAL SER 6049							
	PROF SERVICES-RIDGE AT 6049 01							
	PROF SERVICES-MIDTOWN 6049 02							
	PROF SERVICES-WHISPERI 6049 03							
	PROF SERVICES-HBURG CL 6049 04							
-----		-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE							
	PRINTING AND BINDING							
	PRINTING 6200							
-----		-----	-----	-----	-----	-----	-----	-----
	PRINTING AND BINDING							
	OTHER SERVICES & CHARGE							
	SERVICES NOT SPECIFIED 6999							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

091603 - TIF CONST-STREETS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	IMPROVEMENT OTHER THAN							
	OTHER IMPROVEMENTS 7295							
	'14 SO. POINTE TIF PR 7295 31							
	'16 HBURG CLINIC TIF 7295 32							
	'11 KHOLS/TIF PROJ 7295 33							
	'07 TURTLE CREEK/TIF 7295 34							
	'15 RIDGE/TURTLE CREE 7295 35							
	'15 MIDTOWN MARKET TI 7295 36							
	'16 WHISPERING PINES 7295 37							
	'11 TURTLE CREEK/TIF 7295 39							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS							
-----		-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH							
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

093500 - '16 W&S SYSTEMS PROJ-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH			ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	PROJECTED....	
ACTUAL		OBJ/SUB	BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN ACTUAL	OVER/UNDER	%
	TRANSFERS TO OTHER FUND								
	T/T WATER & SEWER B&I 9000 10								
	T/T 2013 W&S BOND CONS 9000 105								
-----			-----	-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F								
-----			-----	-----	-----	-----	-----	-----	-----
	TRANSFERS								
-----			-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES								

093602 - 2016 W&S SYSTEMS PROJ-ISSUE EX

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
PROFESSIONAL SERVICES								
	LEGAL 6025	194500		194500		83.3 100.0	38,900	20.0
	OTHER PROFESSIONAL SER 6049	119500		111000	8500	83.3 92.8	13,700	11.4
-----		-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE	314000		305500	8500	83.3 97.2	52,600	16.7
	OTHER SERVICES & CHARGE							
	SERVICES NOT SPECIFIED 6999			8500	8500-		10,200	
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA			8500	8500-		10,200	
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR	314000		314000		83.3 100.0	62,800	20.0
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	314000		314000		83.3 100.0	62,800	20.0

093695 - 2016 W&S SYSTEMS PROJ-CONSTRUC

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
OPERATING SUPPLIES								
-----	ASPHALT & ASPHALT PROD 5400	-----	-----	-----	-----	-----	-----	-----
-----	OPERATING SUPPLIES	-----	-----	-----	-----	-----	-----	-----
SUPPLIES AND EXPENSES								
PROFESSIONAL SERVICES								
-----	ENGINEERING 6015	1000000		3465	996535	83.3 .3	995,842-	99.5-
	LEGAL 6025							
-----	OTHER PROFESSIONAL SER 6049	-----	-----	-----	-----	-----	-----	-----
-----	PROFESSIONAL SERVICE REPR/MAINT-OUTSIDE LABO STREETS & STRUCTURES R 6360	1000000		3465	996535	83.3 .3	995,842-	99.5-
-----	REPR/MAINT-OUTSIDE L OTHER SERVICES & CHARGE SERVICES NOT SPECIFIED 6999	-----	-----	-----	-----	-----	-----	-----
-----	OTHER SERVICES & CHA	-----	-----	-----	-----	-----	-----	-----
-----	OTHER SERVICES & CHAR	1000000		3465	996535	83.3 .3	995,842-	99.5-
IMPROVEMENT OTHER THAN								
-----	SEWERS 7220							
	SEWER PHASE III 7220 01							
	S.LAGOON SLUDGE REMOV 7220 27							
	SEWER PHASE I 7220 49							
	SEWER PHASE II 7220 50							
	SEWER PHASE IV 7220 51							
	SEWER PHASE V 7220 54	50145		50145		83.3 100.0	10,029	20.0
	LAKE FORGETFUL RD 7220 62	61235		61235		83.3 100.0	12,247	20.0
	30TH & CHEVY CHASE 7220 63	82575		82575		83.3 100.0	16,515	20.0
	LAMAR BOULEVARD 7220 64	161928			161928	83.3	161,928-	100.0-
	SEWER PHASE VIII 7220 70	93270		93270		83.3 100.0	18,654	20.0
	SEWER PHASE IX 7220 71							
	SEWER PHASE X 7220 72	2188		2188	1	83.3 100.0	437	19.9
	SEWER PHASE XI 7220 73							
	CCTV SEWER INSPECTION 7220 96							
-----	LAGOON DREDGING LOAN 7220 97	-----	-----	-----	-----	-----	-----	-----
-----	SEWERS	451341		289413	161929	83.3 64.1	104,045-	23.0-
	WATER SYSTEMS 7245							

JAMES ST WTR WELL #3 7245 02
 HWY 98 BOOSTER STATIO 7245 03
 HWY 98 ELEVATED WTR T 7245 04
 WATER PHASE II 7245 05
 WATER PHASE III 7245 06
 VETERANS BLVD WTR CON 7245 08
 WESLEY WELL #2 7245 09
 COUNTRY CLUB WTR II 7245 18
 TATUM-BONHOMIE WTR LI 7245 23
 HWY 98 FIRE LINES 7245 28
 WATER PHASE I 7245 50

-----		-----	-----	-----	-----	-----	-----	-----
	WATER SYSTEMS							
	OTHER IMPROVEMENTS 7295							
	WASTEWATER TREATMENT 7295 98							
	MISC.OTHER IMPROVEMEN 7295 99	23234659			23234659	83.3		23,234,659- 100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS	23234659			23234659	83.3		23,234,659- 100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH	23686000		289413	23396588	83.3	1.2	23,338,704- 98.5-
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY	23686000		289413	23396588	83.3	1.2	23,338,704- 98.5-
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	24686000		292878	24393123	83.3	1.1	24,334,546- 98.5-

094500 - '12 W&S BOND CONST-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
TRANSFERS TO OTHER FUND								
	T/T WATER & SEWER B&I 9000 10							
	T/T 2013 W&S BOND CONS 9000 105	21188			21188	83.3	21,188-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F	21188			21188	83.3	21,188-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSFERS	21188			21188	83.3	21,188-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	21188			21188	83.3	21,188-	100.0-

094602 - 2012 W&S CONST-ISSUE EXP

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	PROFESSIONAL SERVICES							
	LEGAL 6025							
	OTHER PROFESSIONAL SER 6049							
-----		-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE							
	OTHER SERVICES & CHARGE							
	SERVICES NOT SPECIFIED 6999							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
OPERATING SUPPLIES								
ASPHALT & ASPHALT PROD	5400							
OPERATING SUPPLIES								
SUPPLIES AND EXPENSES								
PROFESSIONAL SERVICES								
ENGINEERING	6015							
LEGAL	6025							
OTHER PROFESSIONAL SER	6049							
PROFESSIONAL SERVICE								
REPR/MAINT-OUTSIDE LABO								
STREETS & STRUCTURES R	6360							
REPR/MAINT-OUTSIDE L								
OTHER SERVICES & CHARGE								
SERVICES NOT SPECIFIED	6999							
OTHER SERVICES & CHA								
OTHER SERVICES & CHAR								
IMPROVEMENT OTHER THAN								
SEWERS	7220							
SEWER PHASE III	7220 01							
S.LAGOON SLUDGE REMOV	7220 27							
SEWER PHASE I	7220 49							
SEWER PHASE II	7220 50							
SEWER PHASE IV	7220 51							
CCTV SEWER INSPECTION	7220 96							
LAGOON DREDGING LOAN	7220 97							
SEWERS								
WATER SYSTEMS	7245							
JAMES ST WTR WELL #3	7245 02							
HWY 98 BOOSTER STATIO	7245 03							
HWY 98 ELEVATED WTR T	7245 04							
WATER PHASE II	7245 05							
WATER PHASE III	7245 06							
VETERANS BLVD WTR CON	7245 08							
WESLEY WELL #2	7245 09							
COUNTRY CLUB WTR II	7245 18							

TATUM-BONHOMIE WTR LI 7245 23
HWY 98 FIRE LINES 7245 28
WATER PHASE I 7245 50

-----		-----	-----	-----	-----	-----	-----	-----
	WATER SYSTEMS							
	OTHER IMPROVEMENTS 7295							
	MISC.OTHER IMPROVEMEN 7295 99	21244			21244	83.3	21,244-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS	21244			21244	83.3	21,244-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH	21244			21244	83.3	21,244-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY	21244			21244	83.3	21,244-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	21244			21244	83.3	21,244-	100.0-

095641 - 2001 BOND CONSTR-ZOO IMPR

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	BUILDING/BLD IMPROVEMEN							
	BUILDINGS 7100							
	REHAB. EXISTING BLDGS 7100 12							
-----		-----	-----	-----	-----	-----	-----	-----
	BUILDINGS							
-----		-----	-----	-----	-----	-----	-----	-----
	BUILDING/BLD IMPROVE							
	IMPROVEMENT OTHER THAN							
	OTHER IMPROVEMENTS 7295							
	ASIAN EXHIBIT 7295 11							
	MS HABITAT EXHIBIT 7295 12							
	LION EXHIBIT 7295 14							
	SOUTH AMERICAN EXHIBI 7295 25							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS							
-----		-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH							
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

CITY OF HATTIESBURG
EXPENDITURE REPORT

10 Months Ending 07/31/17

.....PROJECTED.....
OVER/UNDER %

EXPENDITURES

096402 - MDB CAPITAL PROJ-ECONOMIC DEV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH			ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	PROJECTED....	
ACTUAL	OBJ/SUB		BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN ACTUAL	OVER/UNDER	%
		BUILDING/BLD IMPROVEMEN							
		BUILDING IMPROVEMENTS	7150						
		DEPOT PROJECT-GRANT R	7150	15					
		DEPOT PROJ NON-GRANT	7150	31					
		DEPOT PROJ-MDB	7150	35					
-----			-----	-----	-----	-----	-----	-----	-----
		BUILDING IMPROVEMEN							
-----			-----	-----	-----	-----	-----	-----	-----
		BUILDING/BLD IMPROVE							
-----			-----	-----	-----	-----	-----	-----	-----
		CAPITAL OUTLAY							
-----			-----	-----	-----	-----	-----	-----	-----
		EXPENDITURES							

CITY OF HATTIESBURG
EXPENDITURE REPORT

10 Months Ending 07/31/17

-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F								
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	TRANSFERS								
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES								

096602 - MDB CAPITAL PROJ-ISSUE EXP.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
-----	PROFESSIONAL SERVICES							
-----	LEGAL 6025	-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE							
	PRINTING AND BINDING							
-----	PRINTING 6200	-----	-----	-----	-----	-----	-----	-----
	PRINTING AND BINDING							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

096695 - MDB CAPITAL PROJ-CAPITAL PROJ

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
PROFESSIONAL SERVICES								
	CONSULTANT SERV/SURVEY 6020							
	OTHER PROFESSIONAL SER 6049							
-----		-----	-----	-----	-----	-----	-----	-----
PROFESSIONAL SERVICE								
-----		-----	-----	-----	-----	-----	-----	-----
OTHER SERVICES & CHAR								
BUILDING/BLD IMPROVEMEN								
	BUILDINGS 7100							
	POLICE COMPLEX RENOVA 7150 07							
-----		-----	-----	-----	-----	-----	-----	-----
BUILDINGS								
-----		-----	-----	-----	-----	-----	-----	-----
BUILDING/BLD IMPROVE								
IMPROVEMENT OTHER THAN								
	DRAINS 7215							
	DRAINAGE (CORPS OF ENG 7215 31							
-----		-----	-----	-----	-----	-----	-----	-----
DRAINS								
	SEWERS 7220							
	EARLY ACTION #1 EPA C 7220 56							
	EARLY ACTION #2 EPA C 7220 57							
	EARLY ACTION #3 EPA C 7220 58							
	30TH AVE/CHEVY CHASE 7220 59							
	LAMAR BOULEVARD SEWER 7220 60							
	GRAVITY MAIN/MANHOLE 7220 61							
	PROGRAMMED SEWER PROJ 7220 99							
-----		-----	-----	-----	-----	-----	-----	-----
SEWERS								
	WATER SYSTEMS 7245							
	ASBESTOS CEMENT WTR L 7245 55							
	WTR MAIN CON/WESTOVER 7245 56							
	WTR MAIN CON/LINCOLN/ 7245 57							
	UNDERSIZED LINES-EARL 7245 58							
	UPGRADES/WATER PLANT 7245 59							
	WATER WELL/WESLEY TAN 7245 60							
	PROGRAMMED WATER PROJ 7245 99							
-----		-----	-----	-----	-----	-----	-----	-----
WATER SYSTEMS								
-----		-----	-----	-----	-----	-----	-----	-----
IMPROVEMENT OTHER TH								
MACHINERY AND EQUIPMENT								
	DATA PROCESSING EQUIP. 7327							

-----		-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPM							
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

098300 - K.P.ZOO CAPITAL-REC.MAINT.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	IMPROVEMENT OTHER THAN							
	KAB/LANDSCAPING 7226							
	RECREATION IMPROVEMENT 7256							
	MISC.REC.IMPR. 7256 99							
-----		-----	-----	-----	-----	-----	-----	-----
	RECREATION IMPROVEM							
-----		-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH							
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

098341 - K.P.ZOO CAPITAL-KPZ

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
OPERATING SUPPLIES								
-----	OTHER OPERATING MATL/S 5590	-----	-----	-----	-----	-----	-----	-----
-----	OPERATING SUPPLIES	-----	-----	-----	-----	-----	-----	-----
-----	SUPPLIES AND EXPENSES	-----	-----	-----	-----	-----	-----	-----
OTHER SERVICES & CHARGE								
-----	SERVICES NOT SPECIFIED 6999	-----	-----	-----	-----	-----	-----	-----
-----	OTHER SERVICES & CHA	-----	-----	-----	-----	-----	-----	-----
-----	OTHER SERVICES & CHAR	-----	-----	-----	-----	-----	-----	-----
IMPROVEMENT OTHER THAN								
-----	OTHER IMPROVEMENTS 7295	-----	-----	-----	-----	-----	-----	-----
-----	ADAMS PLACE 7295 04	-----	-----	-----	-----	-----	-----	-----
-----	QUARANTINE BLDG PROJE 7295 08	2238	-----	-----	2238	83.3	2,238-	100.0-
-----	TIGER/LION EXHIBIT 7295 14	-----	-----	-----	-----	-----	-----	-----
-----	ZEBRA EXHIBIT 7295 17	-----	-----	-----	-----	-----	-----	-----
-----	SMALL ANIMAL EXHIBITS 7295 23	-----	-----	-----	-----	-----	-----	-----
-----	AFRICAN EXHIBIT 7295 25	-----	-----	-----	-----	-----	-----	-----
-----	MISC.OTHER IMPROVEMEN 7295 99	-----	-----	-----	-----	-----	-----	-----
-----	OTHER IMPROVEMENTS	2238	-----	-----	2238	83.3	2,238-	100.0-
-----	IMPROVEMENT OTHER TH	2238	-----	-----	2238	83.3	2,238-	100.0-
-----	MACHINERY AND EQUIPMENT	-----	-----	-----	-----	-----	-----	-----
-----	OTHER EQUIPMENT 7399	-----	-----	-----	-----	-----	-----	-----
-----	MACHINERY AND EQUIPM	-----	-----	-----	-----	-----	-----	-----
-----	OTHER	-----	-----	-----	-----	-----	-----	-----
-----	ZOOLOGICAL ANIMALS 7505	-----	-----	-----	-----	-----	-----	-----
-----	OTHER	-----	-----	-----	-----	-----	-----	-----
-----	CAPITAL OUTLAY	2238	-----	-----	2238	83.3	2,238-	100.0-
-----	EXPENDITURES	2238	-----	-----	2238	83.3	2,238-	100.0-

098553 - K.P.ZOO CAPITAL-CEMETERY

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	IMPROVEMENT OTHER THAN							
	LANDSCAPING	7250						
	OTHER IMPROVEMENTS	7295						
	CEMETERY PROJ.IMPR.	7295 30						
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS							
-----		-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH							
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

CITY OF HATTIESBURG
EXPENDITURE REPORT

10 Months Ending 07/31/17

-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F								
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	TRANSFERS								
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES								

099602 - 2010 W & S GO BOND-ISSUE EXP.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	PROFESSIONAL SERVICES							
	LEGAL 6025							
	OTHER PROFESSIONAL SER 6049							
-----		-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE							
	PRINTING AND BINDING							
	PRINTING 6200							
-----		-----	-----	-----	-----	-----	-----	-----
	PRINTING AND BINDING							
	OTHER SERVICES & CHARGE							
	SERVICES NOT SPECIFIED 6999							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

CITY OF HATTIESBURG
EXPENDITURE REPORT

10 Months Ending 07/31/17

.....PROJECTED.....
OVER/UNDER %

EXPENDITURES

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH
ACTUAL

OBJ/SUB

ANNUAL
BUDGET

OPEN PO
& CONTRACTS

YTD
ACTUALREMAINING
BALANCE

	PERCENT	
	PLAN	ACTUAL
1. Total	100.00	100.00
2. Federal Government	10.00	10.00
3. State Government	20.00	20.00
4. Local Government	70.00	70.00
5. Other	0.00	0.00
6. Total	100.00	100.00

.....PROJECTED.....
OVER/UNDER %

IMPROVEMENT OTHER THAN

DRAINS 7215

ASHFORD-EASTSIDE TO M 7215 03

E.HARDY/WILLIAMS 7215 05

EDWARD ST.@RAILROAD 7215 11

DRAINS

IMPROVEMENT OTHER TH

CAPITAL OUTLAY

EXPENDITURES

099627 - 2010 W & S GO BOND-WATER

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	LAND							
	LAND	7000						

	LAND							
	IMPROVEMENT OTHER THAN							
	WATER SYSTEMS	7245						
	IND.PARK WATER LINES	7245 01						
	IND.PARK ELEVATED TAN	7245 04						
	WATER WELL@ PLANT #1	7245 05						
	VETERANS BLVD - WATER	7245 08						
	WESLEY FILTRATION PLA	7245 09						

	WATER SYSTEMS							

	IMPROVEMENT OTHER TH							

	CAPITAL OUTLAY							

	EXPENDITURES							

099630 - 2010 W & S GO BOND-SEWERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	IMPROVEMENT OTHER THAN							
	SEWERS	7220						
	FRANKLIN STREET	7220 12						
	ARLEDGE-MANNING TO CT	7220 22						
	COLUMBIA-PROV.TO RAWL	7220 23						
	ASHFORD-C.CLUB TO MLK	7220 24						
	PROVIDENCE-COLUMBIA T	7220 25						
	N.LAGOON EXPANSION	7220 26						
	S.LAGOON DISINFECTION	7220 27						
	IND.PARK SEWER LINES	7220 28						
-----		-----	-----	-----	-----	-----	-----	-----
	SEWERS							
-----		-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH							
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

105500 - '13 W&S BOND CONST-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	TRANSFERS TO OTHER FUND							
-----	T/T WATER & SEWER B&I 9000 10	-----	-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F							
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSFERS							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

105602 - 2013 W&S CONST-ISSUE EXP

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	PROFESSIONAL SERVICES							
	LEGAL 6025							
	OTHER PROFESSIONAL SER 6049							
-----		-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE							
	OTHER SERVICES & CHARGE							
	BOND DISCOUNT 6600							
	BOND INSURANCE 6605							
	SERVICES NOT SPECIFIED 6999							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

105695 - 2013 W&S CONSTR.-CAPITAL PRO

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OPERATING SUPPLIES							
	ASPHALT & ASPHALT PROD 5400							
-----		-----	-----	-----	-----	-----	-----	-----
	OPERATING SUPPLIES							
-----		-----	-----	-----	-----	-----	-----	-----
	SUPPLIES AND EXPENSES							
	PROFESSIONAL SERVICES							
28101	ENGINEERING 6015	740672	672,160	284231	215720-	83.3 38.3	399,594-	53.9-
	LEGAL 6025							
	OTHER PROFESSIONAL SER 6049							
-----		-----	-----	-----	-----	-----	-----	-----
28101	PROFESSIONAL SERVICE	740672	672,160	284231	215720-	83.3 38.3	399,594-	53.9-
	REPR/MAINT-OUTSIDE LABO							
	STREETS & STRUCTURES R 6360							
-----		-----	-----	-----	-----	-----	-----	-----
	REPR/MAINT-OUTSIDE L							
	OTHER SERVICES & CHARGE							
	SERVICES NOT SPECIFIED 6999							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
28101	OTHER SERVICES & CHAR	740672	672,160	284231	215720-	83.3 38.3	399,594-	53.9-
	IMPROVEMENT OTHER THAN							
	SEWERS 7220							
	SEWER PHASE III 7220 01							
	18 INCH TRUNK LINES 7220 17	65713	65,713			83.3	65,713-	100.0-
	PROVIDENCE ST 7220 25							
	S1-N.LAGOON EXPANSION 7220 26							
	S2-W 592 SWR W OF RAI 7220 38							
	S3-E 592 SWR E OF RAI 7220 39							
	S4-W BOND SWR W OF RA 7220 40							
	S5-E BOND SWR E OF RA 7220 41							
	S6-ANNEXATION AREA SE 7220 42							
	S7-SEWER LIFT STA IMP 7220 43							
	SULLIVAN KIL TO J MIM 7220 44							
	HWY 49 N SEWER 7220 45							
	SEWER PHASE I 7220 49							
	SEWER PHASE II 7220 50							
	SEWER PHASE IV 7220 51	12200		5775	6425	83.3 47.3	5,270-	43.1-
	DRYING BED 7220 52							
	SEWER PHASE V 7220 54	33818		33743	76	83.3 99.7	6,673	19.7
	SEWER PHASE VII 7220 55	506451	145,228	361217	6	83.3 71.3	72,990-	14.4-

-----	PROGRAMMED SEWER PROJ 7220 99	38900	-----	-----	38900	83.3	-----	38,900-	100.0-
-----	SEWERS	657082	210,941	400734	45407	83.3	60.9	176,201-	26.8-
	WATER SYSTEMS 7245								
	JAMES ST WTR WELL #3 7245 01								
	JAMES ST WTR PLT-MATC 7245 02								
	HWY 98 BOOSTER STATIO 7245 03								
	HWY 98 ELEVATED WTR T 7245 04								
	VETERANS MEM BLVD/S 2 7245 08								
46634-	WESLEY WELL #2 7245 09	7800	6,563	221516	220278-	83.3	839.9	258,019	307.9
	WTP FILTER #6 7245 10								
405-	OLD 98/RUNNELS RD WTR 7245 11	329280	3,330	360456	34506-	83.3	109.4	103,267	31.3
	W1-COUNTRY CLUB WATER 7245 18								
	W2-WESLEY PLANT TREAT 7245 26								
	W3-WATER WELL@ PLANT 7245 27	84150		61750	22400	83.3	73.3	10,050-	11.9-
	HWY 98 FIRE LINES 7245 28								
	WATER PHASE I 7245 50								
2600-	WATER PHASE II 7245 51	608	3,918	12183	15492-	83.3	3.7	14,011	304.4
1530-	WATER PHASE III 7245 52	257790	70,669	384962	197841-	83.3	149.3	204,164	79.1
	WATER PHASE IV 7245 53	9400		9400		83.3	100.0	1,880	20.0
	PROGRAMMED WATER PROJ 7245 99								
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
51169-	WATER SYSTEMS	689028	84,480	1050266	445718-	83.3	152.4	571,291	82.9
	OTHER IMPROVEMENTS 7295								
	MISC.OTHER IMPROVEMEN 7295 99								
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS								
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
51169-	IMPROVEMENT OTHER TH	1346110	295,421	1451000	400311-	83.3	107.7	395,090	29.3
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
51169-	CAPITAL OUTLAY	1346110	295,421	1451000	400311-	83.3	107.7	395,090	29.3
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
23067-	EXPENDITURES	2086782	967,581	1735232	616031-	83.3	83.1	4,503-	.2-

107500 - SPEC.SALES TAX-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH			ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	PROJECTED....	
ACTUAL		OBJ/SUB	BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN ACTUAL	OVER/UNDER	%
	TRANSFERS TO OTHER FUND								
	T/T GENERAL FUND	9000 01							
	T/T CITY B & I	9000 13							
-----			-----	-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F								
-----			-----	-----	-----	-----	-----	-----	-----
	TRANSFERS								
-----			-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES								

107706 - SPEC.SALES TAX-T&A EXPEND.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	PROFESSIONAL SERVICES							
	OTHER PROFESSIONAL SER 6049							
63455	TOURISM COMMISSION 6049 01			560066	560066-		672,079	
430548	CONVENTION COMMISSION 6049 02			4195900	4195900-		5,035,080	
-----		-----	-----	-----	-----	-----	-----	-----
494003	OTHER PROFESSIONAL			4755965	4755965-		5,707,158	
-----		-----	-----	-----	-----	-----	-----	-----
494003	PROFESSIONAL SERVICE			4755965	4755965-		5,707,158	
-----		-----	-----	-----	-----	-----	-----	-----
494003	OTHER SERVICES & CHAR			4755965	4755965-		5,707,158	
-----		-----	-----	-----	-----	-----	-----	-----
494003	EXPENDITURES			4755965	4755965-		5,707,158	

109704 - GROUP INS.TRUST-T&A EXPEND.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

10 Months Ending 07/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OTHER SERVICES & CHARGE							
150	BANK SERV/TRF FEE 6832			114	114-		136	
164483	ADMIN PAID 6833			659656	659656-		791,587	
324829	CLAIMS PAID 6834			3716999	3716999-		4,460,398	
	SERVICES NOT SPECIFIED 6999							
	ACA TRANSITIONAL FEE 6999 01							
-----		-----	-----	-----	-----	-----	-----	-----
	SERVICES NOT SPECIF							
-----		-----	-----	-----	-----	-----	-----	-----
489462	OTHER SERVICES & CHA			4376769	4376769-		5,252,122	
-----		-----	-----	-----	-----	-----	-----	-----
489462	OTHER SERVICES & CHAR			4376769	4376769-		5,252,122	
-----		-----	-----	-----	-----	-----	-----	-----
489462	EXPENDITURES			4376769	4376769-		5,252,122	

8/02/17

.....CURRENT.....			YEAR-TO-DATE.....		
ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV

	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
TAXES-OTHER	206A								
PAYMENT IN LIEU OF TAXE	2060								
HOUSING AUTHORITY	2065	2,916			29,167	34769	119	35000	231
MERCHANTS COMPANY	2066								
COLLECTIONS-P/Y EXCESS	2070								
PAYMENT IN LIEU OF T		2,916			29,167	34769	119	35000	231
TAXES-OTHER		2,916			29,167	34769	119	35000	231
LICENSES, PERMITS & FEES	220A								
PRIVILEGE LICENSES	2200	12,500	9883	79	125,000	102781	82	150000	47219
FRANCHISES	2210								
ELECTRICAL FRANCHISE	2211	250,000	582631	233	2,500,000	2768913	110	3000000	231087
SOLID WASTE OPER/FRANC	2212	14,583	14634	100	145,833	138884	95	175000	36116
AT&T UVERSE VIDEO/FRAN	2213								
GAS FRANCHISE	2215	12,083	24344	201	120,833	121565	100	145000	23435
CSPIRE FIBER-TELEPAK F	2218					452			452-
CABLE T.V. FRANCHISE	2219	38,750			387,500	323046	83	465000	141954
FRANCHISES		315,416	621609	197	3,154,167	3352861	106	3785000	432139
BLDG/INSP PERMITS & FEE	2220								
BUILDING PERMIT/INSPEC	2221	31,250	26379	84	312,500	429323	137	375000	54323-
FIRE INSPECTION	2222								
SIGN PERMIT	2223	1,666	1521	91	16,667	13508	81	20000	6492
LAND CODE ENFORCEMENT	2224	2,916	1095	37	29,167	26769	91	35000	8231
GAS & PLUMBING	2225	625	215	34	6,250	7515	120	7500	15-
ELECTRICAL INSPECTION	2226	916	750	81	9,167	8459	92	11000	2541
DEMOLITION PERMIT	2227	250	100	40	2,500	1150	46	3000	1850
HOUSE MOVING	2228	41	100	243	417	1050	251	500	550-
BLDG/INSP PERMITS &		37,666	30160	80	376,667	487774	129	452000	35774-
OTHER PERMITS & FEES	2230								
PUBLIC RECORDS ACCESS	2233								
PROPERTY CLEAN-UP COST	2234	100			1,000			1200	1200
TAXI BADGE PERMIT	2235	16			167			200	200
WRECKER REGISTRATION F	2236	41			417	75	17	500	425
BURN OR MISC FIRE PERM	2237	166	3666-	2208	1,667	1620	97	2000	380
AMBULANCE PERMIT	2238	75			750	900	120	900	
ZONING PETITION FEE	2240								
ZONING CERTIFICATE FEE	2245	625	225	36	6,250	4075	65	7500	3425
TITLE PLEDGE LICENSE F	2248								
EXAMINATION FEE	2250								
CONTRACTOR LICENSE FEE	2255								
ORDINANCE SALES	2260								
ORDINANCE VIOLATION FE	2265								
DATA PROCESSING FEES	2280								

NSF CHECK FEE	2290	41			417	160	38	500	340
MISC. PERMITS & FEES	2299	4,083	1600	39	40,833	48108	117	49000	892
OTHER PERMITS & FEES		5,150	1841	35	51,500	54938	106	61800	6862
LICENSES, PERMITS & F		370,733	659811	177	3,707,333	3998353	107	4448800	450447
INTER-GOVERNMNTL REVENUE	230A								
FEDERAL GRANTS	230B								
JUST./USM-PROJECT SAFE	2304								
JUST./USM-POLICE CORPS	2305								
JUST.-OTHER	2307	7,216			72,161			86593	86593
JUST.-COPS SECURE SCHOO	2309								
JUST.-JAIL DIVERSION	2310	22,977	18428	80	229,772	45249	19	275726	230477
JUST.-BYRNE GRANTS	2311	1,000			10,000			12000	12000
JUST.-OHS DOMESTIC PREP	2312								
JUST.-COPS IN SCHOOLS	2313								
JUST.-DOMESTIC PREPARED	2314								
JUST.-COPS METHAMPHETAM	2315								
JUST.-COPS HIRING RECOV	2316								
JUST.-UNIVERSAL COPS	2317								
JUST.-COPS TECHNOLOGY	2318								
JUST.-LLEBG '04	2319								
SAFE COMMUNITY PROJECT	2320								
HHS-HIDTA NARCOTICS GRA	2321	1,666			16,667	15211	91	20000	4789
NRCS-USDA STORM RELATED	2322								
FHWA-STORM RELATED	2323								
FEMA-EMER. WARNING SIRE	2324								
FEMA-'04 REGIONAL RESPO	2325								
FIREFIGHTERS GRANT	2326	750			7,500			9000	9000
FEMA-'05 REGIONAL RESPO	2327								
FEMA-CITIZENS CORPS	2328								
LAW ENF.GRANTS-OTHER	2329								
FEMA/HAZARD MITIG/GENER	2336								
FEMA RELIEF	2337	257,422	4001	1	2,574,223	1253754	48	3089067	1835313
CDBG-FIRE STATION	2338								
MISC FEDERAL GRANTS	2339								
ARRA-STOP VIOLENCE GRAN	2348								
FEMA RELIEF ADMIN.	2349								
DEPT.OF DEFENSE-CAMP SH	2350								
EPA-BROWNSFIELD PROJ	2356	375			3,750			4500	4500
HUD-MIDTOWN STUDY	2360								
HUD/MDA HUB CITY LOFT P	2361								
FEDERAL GRANTS		291,407	22428	7	2,914,072	1314214	45	3496886	2182672
STATE GRANTS	250B								
MISCELLANEOUS STATE GRA	2503								
MOSQUITO CONTROL GRANT	2504								
ARCHIVES & HISTORY	2505								
JUVENILE PREVENTION PRO	2510								
JUVENILE ACCT.INCENTIVE	2511								
EMER.SHELTER-MDA GRANT	2513								
I.P.-HYBERPLASTIC-MDA G	2514								
POLICE ACADEMY REIMB.	2515	2,500			25,000	14400	57	30000	15600

SOLID WASTE GRANT	2518	12,500			125,000			150000	150000
URBAN YOUTH CORPS MDOT	2519	2,083			20,833			25000	25000
DEQ GRANTS(SO.LAGOON ST	2520								
ARTS COMMISSION GRANT	2521								
BEAUTIFICATION-VARIOUS	2522								
MS CITY CORPS COUNCIL	2523								
TRAFFIC GRANT	2524					5827			5827-
STOP VIOLENCE GRANT	2526	2,083			20,833	15180	72	25000	9820
ALCOHOL INCENTIVE	2527	5,688			56,881	57112	100	68257	11145
JUSTICE ASSISTANCE	2528								
DISASTER RELIEF	2545								
MEMA-DOMESTIC PREPAREDN	2550								
MEMA-SAFE ROOMS	2551								
MDOT GRANT-DEPOT PROJEC	2556								
MDOT GRANT-VISITOR'S CT	2557								
MDOT GRANT-TRAFFIC STUD	2558								
STATE GRANTS		24,854			248,548	92518	37	298257	205739
STATE-SHARED REVENUE	260B								
GENERAL SALES TAX	2600	1,791,666	1868422	104	17,916,667	18495826	103	21500000	3004174
CITY UTILITY TAX	2601	750	667	88	7,500	6752	90	9000	2248
SALES TAX-SRF REIMB.	2602		8289			165957			165957-
ALCOHOLIC BEV. LICENSE	2610	11,666	10800	92	116,667	122451	104	140000	17549
MOTOR VEH.PRIVILEGE TAX	2635	8,333			83,333			100000	100000
PAT HARRISON WATERWAY D	2665								
MPO-METROPOLITAN PLANNI	2670	33,333	49268	147	333,333	158801	47	400000	241199
MISC DORMANT ACCOUNT RF	2699								
STATE-SHARED REVENUE		1,845,750	1937446	104	18,457,500	18949787	102	22149000	3199213
CITY/COUNTY-SHARED REVEN	270B								
FORREST CTY	2705								
FORREST CTY CAMP SHELBY	2705 01								
FORREST CTY GORDON CRK	2705 02								
FORREST GENERAL CTY HOS	2706								
FORREST-INFRAST.IMPR.	2707								
LAMAR-INFRAST.IMPR.	2708								
LAMAR/FORREST-HAZ.WASTE	2709	3,192			31,923	38308	120	38308	
PETAL/F-CO FLOOD INUNDA	2718	1,720			17,200			20640	20640
FORREST CTY-TWIN FORKS	2719								
HPSD-COPS IN SCHOOLS	2720								
CONV.COMM/TOURISM BUREA	2725								
METRO WAGES/MILEAGE-FOR	2735								
METRO NARC.O/T-FORREST	2736								
MEMA/HAZARD MITIG/GENER	2739								
CITY/COUNTY-SHARED RE		4,912			49,123	38308	77	58948	20640
CHARGES FOR SERVICES	280A								
PUBLIC SAFETY	2850								
CRIME SCENE UNIT CONT	2855	5,000	15000	300	50,000	55000	110	60000	5000
FIRE DPT.SERV FOR OTHE	2860					10			10-
800 MHZ RADIO ACCESS FU	2865								
POLICE/FIRE-SPECIAL DU	2870	9,583	7655	79	95,833	109651	114	115000	5349
P&F LATERAL TRNG REIMB	2880								

DRUG ENF.AGENCY O/T RE	2881								
HOMELAND SECURITY O/T	2882								
US MARSHALL O/T REIMB.	2883	1,000			10,000	15310	153	12000	3310-
FED BUREAU INVEST O/T	2884	833			8,333	7969	95	10000	2031
-----		-----	-----	-----	-----	-----	-----	-----	-----
PUBLIC SAFETY		16,416	22655	138	164,167	187940	114	197000	9060
TROLLEY SERVICE	2890								
CONV.CENTER TROLLEY FE	2895								
TROLLEY RECEIPTS	2896								
-----		-----	-----	-----	-----	-----	-----	-----	-----
TROLLEY SERVICE									
STREETS	2900								
STREET WORK	2901								
PARKING METERS	2910								
PARKING FINES	2915	83	5	6	833	120	14	1000	880
CROSSING LIGHT FEES	2920								
LOT CLEAN-UP/HEAVY TRA	2930	41			417			500	500
CDBG LOT CLEAN-UP/DEMO	2931								
-----		-----	-----	-----	-----	-----	-----	-----	-----
STREETS		125	5	4	1,250	120	9	1500	1380
SANITATION	2950								
RECYCLING PICK UP	2951	5,833	10007	171	58,333	49794	85	70000	20206
TRASH HAULING	2960	8,750	18670	213	87,500	92344	105	105000	12656
RESIDENTL WASTE COLLEC	2965	169,250	330195	195	1,692,500	1653240	97	2031000	377760
SANITA-REFUND & RECOVE	2970								
-----		-----	-----	-----	-----	-----	-----	-----	-----
SANITATION		183,833	358872	195	1,838,333	1795378	97	2206000	410622
-----		-----	-----	-----	-----	-----	-----	-----	-----
CHARGES FOR SERVICES		200,375	381532	190	2,003,750	1983438	98	2404500	421062
FINES AND FORFEITS	330A								
POLICE FINES	3320	100,000	68077	68	1,000,000	808221	80	1200000	391779
CITY COURT COSTS	3321	12,500	11540	92	125,000	83699	66	150000	66301
CCC-JAIL REIMB.	3322	83	20	24	833	17076	2049	1000	16076-
ENVIR CT-CODE VIOLATION	3323	83	1600	1927	833	5065	608	1000	4065-
ANIMAL CONTROL	3327	100	245	245	1,000	3976	397	1200	2776-
COURT TECHNOLOGY FEE	3328								
-----		-----	-----	-----	-----	-----	-----	-----	-----
FINES AND FORFEITS		112,766	81482	72	1,127,667	918036	81	1353200	435164
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSI	3402								
OTHER INTEREST-CD'S	3403								
SAVINGS ACCOUNT/MMA	3405	250	7455	2982	2,500	34733	1389	3000	31733-
INTEREST-GRANT MONIES	3406								
OTHER INTEREST-MMA	3407								
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								
-----		-----	-----	-----	-----	-----	-----	-----	-----
INTEREST EARNINGS		250	7455	2982	2,500	34733	1389	3000	31733-
RENTS AND ROYALTIES	3410								
LAND	3411								
LAMAR OUTDOOR ADVERTI	3411 05								
ALWEST ADVERTISING	3411 10								

CONTRIB-MAYOR'S YOUTH	3464								
CONTRIB-BC HEALTHY HOM	3465								
CONTRIB-NIGHT OUT AGAI	3466								
CONTRIB-NLC HEALTH OUT	3467								
CONTRIB-MDTWN STDY MAT	3468								
CONTRIB-OTHER	3469		2000			2000			2000-
CONTRIB-NLC HEALTH INI	3471								
CONTRIB-NLC FISCL	3472								

CONTRIBUTIONS-PRIVAT			2000			2000			2000-
POLICE DEPT-MISC CHARGE	3590	4,583	4698	102	45,833	51720	112	55000	3280
OTHER MISC. REVENUE	3599								
MS POWER ENRGY EFFIC P	3599 01	3,827			38,273	45928	120	45928	

OTHER MISC. REVENUE		3,827			38,273	45928	120	45928	

MISCELLANEOUS		22,485	19523	86	224,857	296195	131	269828	26367-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F H'BURG REDEV.AUTH.	3800 101								
T/F GOVERNMENT COMPLEX	3800 104								
T/F 2002 USA YEAST/LAG	3800 106								
T/F SPEC.SALES TAX	3800 107								
T/F WATER & SEWER	3800 11	20,833			208,333			250000	250000
T/F POL.FORFEITURES	3800 19								
T/F POL.FORF O/T(HURR	3800 19HR								
T/F '03 TIF B&I CHAUVE	3800 22								
T/F TAX COLLECTORS-GPT	3800 27	1,250,000	231668	18	12,500,000	13714702	109	15000000	1285298
T/F TAX COLL-C.C.FEE	3800 27CC								
T/F TAX COLL-EXCESS BI	3800 27EB								
T/F TAX COLL-CHKG INT	3800 27ICHK	250			2,500			3000	3000
T/F TAX COLL-INT/PEN	3800 27IP	24,166	43711	180	241,667	195378	80	290000	94622
T/F W & S CONSTRUCTION	3800 75								
T/F COM.DEV.BLK.GRANT	3800 82								
T/F INDUSTRIAL PARK DE	3800 87								
T/F 2007 TIF CONST-TUR	3800 91								
T/F 2001 STREETS,SWRS,	3800 95								

TRANSFERS FROM OTHR		1,295,250	275379	21	12,952,500	13910080	107	15543000	1632920

TRANSFERS		1,295,250	275379	21	12,952,500	13910080	107	15543000	1632920
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
BOND PROCEEDS	3912								
ACCRUED INT-BONDS	3915								

SALE OF BONDS									
SALE OF REAL ESTATE	3920								
SALE OF TIMBER	3923								
SALE OF EASEMENTS	3925								
SALE OF CEMETERY LOTS	3930	5,416	1575	29	54,167	38873	71	65000	26128
SALE OF EQUIPMENT	3940	5,833			58,333	2363	4	70000	67638
SALE OF SCRAP MATERIAL	3943	208	266	127	2,083	1137	54	2500	1363

SALE OF MISC. ITEMS	3945								
SALE OF MAPS/PUBLICATIO	3947		18			148			148-
SALE OF RECYCLABLE ITEM	3948								
MDB LOAN PYMT-HUB CITY	3950	10,117	10118	100	101,177	101177	100	121412	20235
KERR MAGEE PROJECT	3960								
MS TANK PROJECT	3961								
INSURANCE REIMB-STORM	3962	54,454			544,544	1289664	236	653453	636211-
VENDING COMM./REFUNDS	3964								
REFUND & RECOVERY	3965	833	105	12	8,333	4182	50	10000	5818
RECOVERY OF DAMAGE CLAI	3967	2,381			23,817			28580	28580
REFUND/RECOVERY-INFO SY	3968								
RECOVERY-PERS SERV/EQUI	3969								
CAPITAL LEASE PROCEEDS	3970								
TIF DEPOSIT/PROCEEDS	3971								
NOTE PROCEEDS	3975								
FIRE STATION (MDB)	3975 03								
CHURCH PROJ (MDB)	3975 07								
POLICE COMPLEX ARCHITE	3975 08								
NOTE PROCEEDS									
NON-REVENUE RECEIPTS		79,245	12082	15	792,454	1437542	181	950945	486597-
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	678,996			6,789,966			8147959	8147959
BEGINNING CASH BALANC		678,996			6,789,966			8147959	8147959
REVENUES		4,929,693	3389683	68	49,296,936	42973241	87	59156323	16183082

ALL FUNDS

10 MONTHS ENDING 07/31/17

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
LICENSES, PERMITS & FEES	220A								
OTHER PERMITS & FEES	2230								
NSF CHECK FEE	2290								

OTHER PERMITS & FEES									

LICENSES, PERMITS & F									
INTER-GOVERNMNTL REVENUE	230A								
FEDERAL GRANTS	230B								
FEMA RELIEF	2337	11,048			110,488			132585	132585
MISC FEDERAL GRANTS	2339								
NATL PARK SER/LAND WTR	2351								

FEDERAL GRANTS		11,048			110,488			132585	132585
STATE GRANTS	250B								
MDOT-INTERCHANGE ENHANC	2508								
DISASTER RELIEF	2545								

STATE GRANTS									
CITY/COUNTY SHARED REVEN	270B								
MISCELLANEOUS GRANTS	2740								
PEOPLES PARK	2740 01								
THAMES SCHOOL	2740 02								
SUMMER DAY CAMP	2740 03								
OTHER	2740 99	583			5,833			7000	7000

MISCELLANEOUS GRANTS		583			5,833			7000	7000

CITY/COUNTY SHARED RE		583			5,833			7000	7000
CHARGES FOR SERVICES	280A								
WORKSHOP TRNG FEES	2892								
CULTURE AND RECREATION	3100								
SWIM FEES-C.E. ROY/5TH	3110	10	193	1930	104	487	468	125	362-
SWIM FEES-DAHMER PARK	3112	16	83	518	167	342	204	200	142-
SWIM FEES-REC. CTR. PO	3115								
ADULT GOLF FEES	3117								
TENNIS FEES	3118								
FENCING FEES	3119								
PLAYGROUND FEES	3120								
CHEER PROGRAM	3121								
SUMMER DAY CAMP	3122	356	1575	442	3,563	1575	44	4275	2700
KAMPER PARK CONCESSION	3130								
BALLPARK CONCESSIONS	3131								
CERAMIC CONCESSIONS	3134								
KPZ GIFT SHOP CONCESSI	3135								
ZOO ADMISSIONS	3137								

						40			40-

TATUM PK PAVILION USE	3138	6	40	666	67	120	179	80	40-
EASTSIDE PK PAVILION U	3139	32			321	360	112	385	25
MCNAIR REC CTR USE FEE	3140								
KPZ PAVILION USE FEE	3145								
DAHMER PAVILION USE FE	3147	56	120	214	567	780	137	680	100-
KP ED CENTER USE FEE	3149								
BALLFIELD USE FEES	3150	281	450	160	2,813	1765	62	3375	1610
PARKS-MISC USE FEES	3151	344	40	11	3,446	1395	40	4135	2740
YOUTH TEAM FEES	3160								
FLAG FOOTBALL	3160 01								
LITTLE TIGERS BASKETB	3160 02		4725			4725			4725-
JUNIOR GOLF FEES	3160 03								
YOUTH TRACK & FIELD	3160 04								
T-BALL	3160 05								
GIRLS' SOFTBALL	3160 06								
BOYS' SOFTBALL	3160 07								
GIRLS FASTPITCH	3160 10								
BOYS FASTPITCH	3160 11								
TACKLE FOOTBALL	3160 15								
CHEER LEADING	3160 20								
YOUTH TEAM FEES			4725			4725			4725-
ADULT TEAM FEES	3162								
CHURCH LEAGUE BASKETB	3162 01								
ADULT BASKETBALL	3162 02	272			2,721	5439	199	3265	2174-
ADULT CO-ED SOFTBALL	3162 03	412	900	218	4,125	5400	130	4950	450-
ADULT MEN'S SOFTBALL	3162 04	739	2400	324	7,392	8650	117	8870	220
ADULT WOMEN'S SOFTBAL	3162 05								
ADULT FOOTBALL	3162 06								
ADULT SOFTBALL-CHURCH	3162 07								
ADULT SOCCER	3162 08								
ADULT FLAG FOOTBALL	3162 09								
ADULT TEAM FEES		1,423	3300	231	14,238	19489	136	17085	2404-
CERAMICS CLASS FEES	3170								
DRAMA,ART,DANCE LESSON	3178								
"MOKEY" TRAIN RIDES	3181								
CAROUSEL RIDES	3185								
OTHER	3190								
CULTURE AND RECREATI		2,528	10526	416	25,283	31078	122	30340	738-
CHARGES FOR SERVICES		2,528	10526	416	25,283	31078	122	30340	738-
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSI	3402								
SAVINGS ACCOUNT/MMA	3405	35	108	308	358	788	220	430	358-
INTEREST EARNINGS		35	108	308	358	788	220	430	358-
CONTRIBUTIONS-PUBLIC	3450								
CONTRIBUTIONS-FORREST	3455	2,083			20,833	9500	45	25000	15500
CONTRIBUTIONS-PUBLIC		2,083			20,833	9500	45	25000	15500

CONTRIBUTIONS-PRIVATE	3460								
CONTRIB-POLICEMAN'S BE	3461								
CONTRIB-MS TENNIS ASSO	3462					7000			7000-
CONTRIB-SENIOR FARE	3463		150			150			150-
CONTRIB-SENIOR PROM	3464								
CONTRIB-HWY 49/7th ST	3468	2,083			20,833			25000	25000
CONTRIB-OTHER	3469	83			833	71	8	1000	929
-----		-----	-----	-----	-----	-----	-----	-----	-----
CONTRIBUTIONS-PRIVAT		2,166	150	6	21,667	7221	33	26000	18779
-----		-----	-----	-----	-----	-----	-----	-----	-----
MISCELLANEOUS		4,285	258	6	42,858	17509	40	51430	33921
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F GENERAL FUND	3800 01	189,166			1,891,667	1900000	100	2270000	370000
T/F TAX COLLECTORS-GPT	3800 27	70,732	13632	19	707,326	842268	119	848791	6523
-----		-----	-----	-----	-----	-----	-----	-----	-----
TRANSFERS FROM OTHR		259,899	13632	5	2,598,993	2742268	105	3118791	376523
-----		-----	-----	-----	-----	-----	-----	-----	-----
TRANSFERS		259,899	13632	5	2,598,993	2742268	105	3118791	376523
NON-REVENUE RECEIPTS	390A								
SALE OF EQUIPMENT	3940					2217			2217-
SALE OF MISC. ITEMS	3945								
COMM.-HOT DIGGITY CONCE	3963								
VENDING COMM./REFUNDS	3964								
REFUND & RECOVERY	3965					125-			125
RECOVERY OF DAMAGE CLAI	3967								
-----		-----	-----	-----	-----	-----	-----	-----	-----
NON-REVENUE RECEIPTS						2092			2092-
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	51,788			517,883			621460	621460
-----		-----	-----	-----	-----	-----	-----	-----	-----
BEGINNING CASH BALANC		51,788			517,883			621460	621460
-----		-----	-----	-----	-----	-----	-----	-----	-----
REVENUES		330,133	24416	7	3,301,338	2792947	84	3961606	1168659

004004 - LIBRARY FUND REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

8/02/17

ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27		13295			821416			821416-
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR			13295			821416			821416-
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS			13295			821416			821416-
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES			13295			821416			821416-

CITY OF HATTIESBURG

REVENUE REPORT

8/02/17

ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
STATE-SHARED REVENUE	260B								
PRO-RATA FIRE INS. PREM	2620	19,583	249747	1275	195,833	249747	127	235000	14747-
FIRE INS REBATE/CODE EN	2625		7749			7749			7749-
		-----	-----	----	-----	-----	----	-----	-----
STATE-SHARED REVENUE		19,583	257495	1314	195,833	257495	131	235000	22495-
CHARGES FOR SERVICES	280A								
PUBLIC SAFETY	2850								
FIRE PROT.SHARE-USM	2862	7,971	95652	1200	79,710	95652	120	95652	
HAZ.MAT.TRAINING FEES	2885								
		-----	-----	----	-----	-----	----	-----	-----
PUBLIC SAFETY		7,971	95652	1200	79,710	95652	120	95652	
		-----	-----	----	-----	-----	----	-----	-----
CHARGES FOR SERVICES		7,971	95652	1200	79,710	95652	120	95652	
FINES AND FORFEITS	330A								
FIRE CODE VIOLATIONS	3325	125			1,250			1500	1500
		-----	-----	----	-----	-----	----	-----	-----
FINES AND FORFEITS		125			1,250			1500	1500
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSI	3402								
SAVINGS ACCOUNT/MMA	3405	250	621	248	2,500	5568	222	3000	2568-
		-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS		250	621	248	2,500	5568	222	3000	2568-
CONTRIBUTIONS-PRIVATE	3460								
CONTRIB-OTHER	3469	166			1,667			2000	2000
		-----	-----	----	-----	-----	----	-----	-----
CONTRIBUTIONS-PRIVAT		166			1,667			2000	2000
		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS		416	621	149	4,167	5568	133	5000	568-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F GENERAL FUND	3800 01								
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR									
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS									
NON-REVENUE RECEIPTS	390A								
SALE OF REAL ESTATE	3920								
SALE OF EQUIPMENT	3940								
INSURANCE REIMB-STORM	3962								
REFUND & RECOVERY	3965								
CAPITAL LEASE PROCEEDS	3970								
NOTE PROCEEDS	3975								
FIRE STATION	3975 03								
		-----	-----	----	-----	-----	----	-----	-----

NOTE PROCEEDS									

NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	75,837			758,373			910048	910048

BEGINNING CASH BALANC		75,837			758,373			910048	910048

REVENUES		103,933	353769	340	1,039,333	358715	34	1247200	888485

CITY OF HATTIESBURG

REVENUE REPORT

8/02/17

ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
FEDERAL GRANTS	230B								
FAUS GRANT (LINC#1)	2331								
FAUS GRANT (LINC#2)	2332								
FAUS GRANT (CLASSIC DR)	2334								
FAUS GRANT (S.28TH)	2335								
FAUS GRANT (LINC#4)	2336								
	-----	-----	-----	----	-----	-----	----	-----	-----
FEDERAL GRANTS									
STATE-SHARED REVENUE	260B								
MUNICIPAL AID	2650	3,750	15966	425	37,500	60925	162	45000	15925-
	-----	-----	-----	----	-----	-----	----	-----	-----
STATE-SHARED REVENUE		3,750	15966	425	37,500	60925	162	45000	15925-
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405	41	60	146	417	516	123	500	16-
	-----	-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS		41	60	146	417	516	123	500	16-
CONTRIBUTIONS-PUBLIC	3450								
CONTRIB-USM-CLASSIC DR	3452								
CONTRIBUTIONS-FORREST	3455								
	-----	-----	-----	----	-----	-----	----	-----	-----
CONTRIBUTIONS-PUBLIC									
	-----	-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS		41	60	146	417	516	123	500	16-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F GENERAL FUND	3800 01								
T/F '99 TAX INCR CONST	3800 103								
T/F '93 STREETS,DRAINS	3800 110								
T/F MUN.ROAD & BRIDGE	3800 72								
T/F '92 PARKS,REC,STS.	3800 97								
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR									
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS									
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
TIF DEPOSIT/PROCEEDS	3971								
	-----	-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	11,149			111,492			133790	133790
	-----	-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC		11,149			111,492			133790	133790

REVENUES

-----	-----	-----	-----	-----	-----	-----	-----	-----
	14,940	16025	107	149,408	61441	41	179290	117849

8/02/17

.....CURRENT.....			YEAR-TO-DATE.....		
ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV

	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
FEDERAL GRANTS	230B								
CHARGES FOR SERVICES	280A								
SANITATION	2950								
LAGOON DUMPING	2955	2,083	2870	137	20,833	19770	94	25000	5230
	-----	-----	-----	-----	-----	-----	-----	-----	-----
SANITATION		2,083	2870	137	20,833	19770	94	25000	5230
	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHARGES FOR SERVICES		2,083	2870	137	20,833	19770	94	25000	5230
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405	208	32	15	2,083	4264	204	2500	1764-
OTHER INTEREST-MMA	3407								
	-----	-----	-----	-----	-----	-----	-----	-----	-----
INTEREST EARNINGS		208	32	15	2,083	4264	204	2500	1764-
RENTS AND ROYALTIES	3410								
EQUIPMENT	3419								
	-----	-----	-----	-----	-----	-----	-----	-----	-----
RENTS AND ROYALTIES									
	-----	-----	-----	-----	-----	-----	-----	-----	-----
MISCELLANEOUS		208	32	15	2,083	4264	204	2500	1764-
ENTERPRISE ACCOUNTS	360A								
TAPS	3610								
SEWERAGE TREATMENT	3720								
METER RELOCATION	3730								
MISCELLANEOUS	3790								
	-----	-----	-----	-----	-----	-----	-----	-----	-----
ENTERPRISE ACCOUNTS									
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F WATER & SEWER B&I	3800 10								
T/F WATER & SEWER	3800 11	741,666	1558333	210	7,416,667	7791667	105	8900000	1108333
T/F CUSTOMER METER	3800 24								
	-----	-----	-----	-----	-----	-----	-----	-----	-----
TRANSFERS FROM OTHR		741,666	1558333	210	7,416,667	7791667	105	8900000	1108333
	-----	-----	-----	-----	-----	-----	-----	-----	-----
TRANSFERS		741,666	1558333	210	7,416,667	7791667	105	8900000	1108333
NON-REVENUE RECEIPTS	390A								
SALE OF EQUIPMENT	3940								
SALE OF SCRAP MATERIAL	3943		232			9058			9058-
SALE OF MISC. ITEMS	3945								
INSURANCE REIMB-STORM	3962	20,833			208,333			250000	250000
REFUND & RECOVERY	3965		2			102			102-
RECOVERY OF DAMAGE CLAIM	3967								
CAPITAL LEASE PROCEEDS	3970								

NON-REVENUE RECEIPTS	-----	-----	-----	----	-----	-----	----	-----	-----
		20,833	234	1	208,333	9160	4	250000	240840
BEGINNING CASH BALANCE 399A									
APPROPRIABLE FUND BALAN 3999	-----	-----	-----	----	-----	-----	----	-----	-----
		139,070			1,390,708			1668849	1668849
BEGINNING CASH BALANC	-----	-----	-----	----	-----	-----	----	-----	-----
		139,070			1,390,708			1668849	1668849
REVENUES	-----	-----	-----	----	-----	-----	----	-----	-----
		903,862	1561469	172	9,038,624	7824861	86	10846349	3021488

CITY OF HATTIESBURG

REVENUE REPORT

8/02/17

ALL FUNDS

10 MONTHS ENDING 07/31/17

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		1774			7538			7538-
OTHER INTEREST-MMA	3407		785			2973			2973-
TREASURY NOTES	3409								
INTEREST EARNINGS			2559			10510			10510-
MISCELLANEOUS			2559			10510			10510-
TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	3800								
T/F '13 W&S BOND CONST	3800 105								
T/F WATER & SEWER '06	3800 11A	20,833			208,333	250000	120	250000	
T/F WATER & SEWER '12	3800 11B	72,083	144167	200	720,833	720833	100	865000	144167
T/F WATER & SEWER '13	3800 11C	104,583	209167	200	1,045,833	1045833	100	1255000	209167
T/F WATER & SEWER '16	3800 11D		941725			2895725			2895725-
T/F '10 W&S GO BONDS	3800 11GO	20,000	40000	200	200,000	200000	100	240000	40000
T/F WTR/SWR(METER GO)	3800 11M	53,333	127407	238	533,333	554074	103	640000	85926
T/F W&S '16 REF BOND	3800 11REF	104,166	125000	120	1,041,667	875000	83	1250000	375000
T/F W&S B&I USA YEAST	3800 15								
T/F W & S CONTINGENCY	3800 17	244,250			2,442,500			2931000	2931000
T/F WATER METER PROJEC	3800 78								
T/F '12 W&S REV BOND C	3800 94								
T/F '10 W&S GO BONDS	3800 99								
TRANSFERS FROM OTHER		619,250	1587466	256	6,192,500	6541466	105	7431000	889534
TRANSFERS		619,250	1587466	256	6,192,500	6541466	105	7431000	889534
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
BOND PROCEEDS	3912								
BOND PREMIUM	3913								
ACCRUED INTEREST	3915								
REFUND & RECOVERY	3965					2			2-
SALE OF BONDS						2			2-
NON-REVENUE RECEIPTS						2			2-
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	584,310			5,843,103			7011723	7011723
BEGINNING CASH BALANCE		584,310			5,843,103			7011723	7011723
REVENUES		1,203,560	1590025	132	12,035,603	6551978	54	14442723	7890745

CITY OF HATTIESBURG

ALL FUNDS

10 MONTHS ENDING 07/31/17

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
LICENSES, PERMITS & FEES	220A								
OTHER PERMITS & FEES	2230								
NSF CHECK FEE	2290	333	80	24	3,333	2000	60	4000	2000
OTHER PERMITS & FEES		333	80	24	3,333	2000	60	4000	2000
LICENSES, PERMITS & F		333	80	24	3,333	2000	60	4000	2000
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405	291	358	123	2,917	3483	119	3500	17
INTEREST EARNINGS		291	358	123	2,917	3483	119	3500	17
MISCELLANEOUS		291	358	123	2,917	3483	119	3500	17
ENTERPRISE ACCOUNTS	360A								
METERED WATER SALES	3600								
RESIDENTIAL WATER-NO T	3600 01	450,000	438021	97	4,500,000	4542502	100	5400000	857498
NON-RESIDENTIAL WATER	3600 011	83,333	164691	197	833,333	1508871	181	1000000	508871-
TAXABLE WATER SALES	3600 02	250,000	237288	94	2,500,000	2367234	94	3000000	632766
TAXABLE WATER-USA YEAS	3600 03	14,166	9526	67	141,667	114791	81	170000	55209
METERED WATER SALES		797,500	849527	106	7,975,000	8533397	107	9570000	1036603
WATER TAPS	3610	14,166	5275	37	141,667	122587	86	170000	47413
WATER TURN-ON FEE	3620	4,166	3680	88	41,667	41700	100	50000	8300
SEWER TAPS	3625	3,333			33,333	19730	59	40000	20270
SEWER CHARGES	3630								
NON-RESIDENTIAL SEWER	3630 01	255,916	278719	108	2,559,167	2777889	108	3071000	293111
RESIDENTIAL SEWER	3630 02	450,000	439173	97	4,500,000	4566645	101	5400000	833355
LAMAR PARK SEWER	3630 03	16,666	25216	151	166,667	158867	95	200000	41133
MARSHALL DURBIN SEWER	3630 04	37,500	30478	81	375,000	446904	119	450000	3096
PETAL SEWER	3630 05	37,500	58398	155	375,000	384181	102	450000	65819
HERCULES	3630 06	166			1,667	49	2	2000	1951
PBRWMA-LEACHATE	3630 07	291	267	91	2,917	3191	109	3500	309
ZEON CHEMICALS	3630 08	2,083	2870	137	20,833	16926	81	25000	8074
USA YEAST SEWER	3630 09	29,166	15187	52	291,667	170785	58	350000	179215
DAIRY FRESH SEWER	3630 10	6,250	9175	146	62,500	82949	132	75000	7949-
OTHER SPEC SWR CONTRAC	3630 11	7,500			75,000			90000	90000
SEWER CHARGES		843,041	859484	101	8,430,417	8608385	102	10116500	1508115
SEWERAGE TREATMENT	3720								
ENTERPRISE ACCOUNTS		1,662,208	1717966	103	16,622,083	17325799	104	19946500	2620701
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965					152			152-
NON-REVENUE RECEIPTS						152			152-

BEGINNING CASH BALANCE 399A

APPROPRIABLE FUND BALAN 3999

BEGINNING CASH BALANC

REVENUES

1,662,833

1718405

103

16,628,333

17331435

104

19954000

2622565

012012 - 1999 TAX INCRE B&I-REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

8/02/17

ALL FUNDS

10 MONTHS ENDING 07/31/17

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL ESTIMATE	UNREALIZED BALANCE
	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV		
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
CITY/COUNTY-SHARED REVEN	270B								
FORREST CTY	2705								

CITY/COUNTY-SHARED RE									
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		1			9		9-	
OTHER INTEREST	3407								
TREASURY NOTES	3409								

INTEREST EARNINGS			1			9		9-	

MISCELLANEOUS			1			9		9-	

TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F '99 TAX INCRE CONS	3800 103								
T/F TAX COLLECTORS-GPT	3800 27								

TRANSFERS FROM OTHR									

TRANSFERS									
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								

NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999								

BEGINNING CASH BALANC									

REVENUES			1			9		9-	

8/02/17

.....CURRENT.....			YEAR-TO-DATE.....		
ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV

[illegible]

SALE OF REAL ESTATE-SAC	3920	17,969			179,692	214350	119	215630	1280
REFUND & RECOVERY	3965								
	-----	-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS		17,969			179,692	214350	119	215630	1280
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	298,762			2,987,623			3585148	3585148
	-----	-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC		298,762			2,987,623			3585148	3585148
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES		574,818	55749	9	5,748,182	3451989	60	6897818	3445829

014014 - SCHOOL FUND REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

8/02/17

ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT	ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE	ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200										
TRANSFERS	380A										
TRANSFERS FROM OTHR FND	3800										
T/F TAX COLLECTORS-GPT	3800 27			290086				15997976			15997976-
T/F TAX COLL-GPT-'88 B	3800 27SB			37278				2083356			2083356-
	-----	-----	-----	-----	----	-----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR				327365				18081332			18081332-
	-----	-----	-----	-----	----	-----	-----	-----	----	-----	-----
TRANSFERS				327365				18081332			18081332-
	-----	-----	-----	-----	----	-----	-----	-----	----	-----	-----
REVENUES				327365				18081332			18081332-

10 MONTHS ENDING 07/31/17

[illegible]

018018 - P&FD&R REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

8/02/17

ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
SAVINGS ACCOUNT/MMA	3405								
INTEREST EARNINGS									
P&FD&R EMPLOYEE CONTRIB	3470		426			4588			4588-
MISCELLANEOUS			426			4588			4588-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27		20212			1249808			1249808-
TRANSFERS FROM OTHR			20212			1249808			1249808-
TRANSFERS			20212			1249808			1249808-
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999								
BEGINNING CASH BALANC									
REVENUES			20638			1254396			1254396-

8/02/17

.....CURRENT.....			YEAR-TO-DATE.....		
ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV

	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
FEDERAL GRANTS	230B								
JUST.-TREAS(ATF)	2306								
JUST.-HURRICANE RELIEF(	2308								
	-----	-----	-----	----	-----	-----	----	-----	-----
FEDERAL GRANTS									
STATE GRANTS	250B								
CRIME PREVENTION PROGRA	2516								
PR VOTECH TRAINING	2517								
ATT'Y GEN./TOBACCO REVE	2525								
	-----	-----	-----	----	-----	-----	----	-----	-----
STATE GRANTS									
CHARGES FOR SERVICES	280A								
PUBLIC SAFETY	2850								
K-9 TRAINING	2872								
BAD CHECK PROC. FEES	2875		117			1037			1037-
DISPATCHER TRNG. FEES	2890								
SWORN TRNG FEES	2891								
NON-SWORN TRNG FEES	2892								
METRO CRIME SCENE FEES	2895								
METRO CRIME SCENE-LAM	2895 01								
METRO CRIME SCENE-PET	2895 02								
METRO CRIME SCENE-FOR	2895 03								
METRO CRIME SCENE-PER	2895 04								
	-----	-----	-----	----	-----	-----	----	-----	-----
METRO CRIME SCENE F									
	-----	-----	-----	----	-----	-----	----	-----	-----
PUBLIC SAFETY			117			1037			1037-
	-----	-----	-----	----	-----	-----	----	-----	-----
CHARGES FOR SERVICES			117			1037			1037-
FINES AND FORFEITS	330A								
DARE CITY COURT COSTS	3321		1416			12259			12259-
NARC.FORFEITURES-POLICE	3323		2718			18588			18588-
FORF-FED(TREAS/IRS/ATF)	3324								
FORF-FED(JUSTICE/DEA)	3326		27047			86895			86895-
	-----	-----	-----	----	-----	-----	----	-----	-----
FINES AND FORFEITS			31182			117742			117742-
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
SAVINGS ACCOUNT/MMA	3405		18			163			163-
	-----	-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			18			163			163-
CONTRIBUTIONS-PUBLIC	3450								
CONTRIB-LAMAR CNTY	3451								
CONTRIB-USM	3452								
CONTRIB-PETAL	3453								

020020 - 2002 TIF B&I-S/P REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

8/02/17

10 MONTHS ENDING 07/31/17

	OBJ/SUB	CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
		ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
CITY/COUNTY-SHARED REVENUE	270B								
FORREST CTY	2705	11,894	153691	1292	118,940	153691	129	142728	10963-
		-----	-----	----	-----	-----	----	-----	-----
CITY/COUNTY-SHARED RE		11,894	153691	1292	118,940	153691	129	142728	10963-
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		4			53			53-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
		-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			4			53			53-
		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			4			53			53-
TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	3800								
T/F TAX COLLECTORS-GPT	3800 27	11,894	53700	451	118,940	53700	45	142728	89028
T/F '02 TIF CONSTR-SO.	3800 88								
T/F '14 TIF CONSTR-SO.	3800 91								
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHER		11,894	53700	451	118,940	53700	45	142728	89028
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS		11,894	53700	451	118,940	53700	45	142728	89028
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
		-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	16,250			162,500			195000	195000
		-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANCE		16,250			162,500			195000	195000
		-----	-----	----	-----	-----	----	-----	-----
REVENUES		40,038	207395	517	400,380	207444	51	480456	273012

021021 - 2004 TIF B&I-H/D REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

8/02/17

ALL FUNDS

10 MONTHS ENDING 07/31/17

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL ESTIMATE	UNREALIZED BALANCE
	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV		
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
CITY/COUNTY-SHARED REVENUE	270B								
LAMAR CTY	2708								

CITY/COUNTY-SHARED RE									
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		42			201		201-	
OTHER INTEREST	3407								
TREASURY NOTES	3409								

INTEREST EARNINGS			42			201		201-	

MISCELLANEOUS			42			201		201-	

TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	3800								
T/F TAX COLLECTORS-GPT	3800 27								
T/F '04 TIF CONSTR-HOM	3800 89								

TRANSFERS FROM OTHER									

TRANSFERS									
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								

NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999								

BEGINNING CASH BALANCE									

REVENUES			42			201		201-	

CITY OF HATTIESBURG

REVENUE REPORT

8/02/17

ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405	6	65	1083	63	212	336	75	137-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
	-----	-----	-----	-----	-----	-----	-----	-----	-----
INTEREST EARNINGS		6	65	1083	63	212	336	75	137-
	-----	-----	-----	-----	-----	-----	-----	-----	-----
MISCELLANEOUS		6	65	1083	63	212	336	75	137-
TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	3800								
T/F GENERAL FUND	3800 01								
T/F TAX COLLECTORS-GPT	3800 27	18,630			186,300			223560	223560
T/F 2003 TIF CONST-CHA	3800 90								
	-----	-----	-----	-----	-----	-----	-----	-----	-----
TRANSFERS FROM OTHER		18,630			186,300			223560	223560
	-----	-----	-----	-----	-----	-----	-----	-----	-----
TRANSFERS		18,630			186,300			223560	223560
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
	-----	-----	-----	-----	-----	-----	-----	-----	-----
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	8,333			83,333			100000	100000
	-----	-----	-----	-----	-----	-----	-----	-----	-----
BEGINNING CASH BALANCE		8,333			83,333			100000	100000
	-----	-----	-----	-----	-----	-----	-----	-----	-----
REVENUES		26,969	65		269,696	212		323635	323423

CITY OF HATTIESBURG

REVENUE REPORT

8/02/17

ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
CITY/COUNTY-SHARED REVENUE	270B								
LAMAR CTY	2708	9,416	111821	1187	94,167	111821	118	113000	1179
		-----	-----	-----	-----	-----	-----	-----	-----
CITY/COUNTY-SHARED RE		9,416	111821	1187	94,167	111821	118	113000	1179
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405	9	133	1477	96	163	169	115	48-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
		-----	-----	-----	-----	-----	-----	-----	-----
INTEREST EARNINGS		9	133	1477	96	163	169	115	48-
		-----	-----	-----	-----	-----	-----	-----	-----
MISCELLANEOUS		9	133	1477	96	163	169	115	48-
TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	3800								
T/F TAX COLLECTORS-GPT	3800 27	27,513			275,138	450000	163	330166	119834-
T/F 2007 TIF CONST-TUR	3800 91								
		-----	-----	-----	-----	-----	-----	-----	-----
TRANSFERS FROM OTHER		27,513			275,138	450000	163	330166	119834-
		-----	-----	-----	-----	-----	-----	-----	-----
TRANSFERS		27,513			275,138	450000	163	330166	119834-
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
		-----	-----	-----	-----	-----	-----	-----	-----
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	833			8,333			10000	10000
		-----	-----	-----	-----	-----	-----	-----	-----
BEGINNING CASH BALANCE		833			8,333			10000	10000
		-----	-----	-----	-----	-----	-----	-----	-----
REVENUES		37,773	111954	296	377,734	561984	148	453281	108703-

CITY OF HATTIESBURG

REVENUE REPORT

8/02/17

ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
CITY/COUNTY-SHARED REVENUE	270B								
LAMAR CTY	2708								
CITY/COUNTY-SHARED RE									
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		27			175			175-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
INTEREST EARNINGS			27			175			175-
MISCELLANEOUS			27			175			175-
TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	3800								
T/F TAX COLLECTORS-GPT	3800 27	5,947			59,479			71375	71375
T/F 2008 TIF CONST-L/C	3800 90								
TRANSFERS FROM OTHER		5,947			59,479			71375	71375
TRANSFERS		5,947			59,479			71375	71375
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	11,666			116,667			140000	140000
BEGINNING CASH BALANCE		11,666			116,667			140000	140000
REVENUES		17,614	27		176,146	175		211375	211200

CITY OF HATTIESBURG

REVENUE REPORT

8/02/17

ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
CITY/COUNTY-SHARED REVEN	270B								
LAMAR CTY	2708	2,512	31325	1247	25,120	31325	124	30144	1181-
		-----	-----	-----	-----	-----	-----	-----	-----
CITY/COUNTY-SHARED RE		2,512	31325	1247	25,120	31325	124	30144	1181-
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		6			114			114-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
		-----	-----	-----	-----	-----	-----	-----	-----
INTEREST EARNINGS				6		114			114-
		-----	-----	-----	-----	-----	-----	-----	-----
MISCELLANEOUS				6		114			114-
TRANSFERS	380A								
TRANSFERS FROM OTHER FND	3800								
T/F TAX COLLECTORS-GPT	3800 27	5,541			55,417	50000	90	66500	16500
T/F 2011 TIF CONST-KOH	3800 91								
		-----	-----	-----	-----	-----	-----	-----	-----
TRANSFERS FROM OTHER		5,541			55,417	50000	90	66500	16500
		-----	-----	-----	-----	-----	-----	-----	-----
TRANSFERS		5,541			55,417	50000	90	66500	16500
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
APPROPRIABLE FUND BALANCE	3999	916			9,167			11000	11000
		-----	-----	-----	-----	-----	-----	-----	-----
NON-REVENUE RECEIPTS		916			9,167			11000	11000
		-----	-----	-----	-----	-----	-----	-----	-----
REVENUES		8,970	31331	349	89,703	81439	90	107644	26205

CITY OF HATTIESBURG

REVENUE REPORT

8/02/17

ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
CITY/COUNTY-SHARED REVEN	270B								
LAMAR CTY	2708								
CITY/COUNTY-SHARED RE									
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		115			495			495-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
INTEREST EARNINGS			115			495			495-
MISCELLANEOUS			115			495			495-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27		3000			3000			3000-
T/F 2016 TIF CONST-WHI	3800 91					140071			140071-
TRANSFERS FROM OTHR			3000			143071			143071-
TRANSFERS			3000			143071			143071-
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965					1			1-
NON-REVENUE RECEIPTS						1			1-
REVENUES			3115			143567			143567-

TAXES-OTHER		43711		190871		190871-
LICENSES, PERMITS & FEES 220A						
OTHER PERMITS & FEES 2230						
CITY CLERK FEES 2232						
-----	-----	-----	----	-----	----	-----
OTHER PERMITS & FEES						
-----	-----	-----	----	-----	----	-----
LICENSES, PERMITS & F						
MISCELLANEOUS 340A						
INTEREST EARNINGS 3400						
CERTIFICATES OF DEPOSI 3402						
SAVINGS ACCOUNT/MMA 3405		46		3844		3844-
TREASURY NOTES 3409						
-----	-----	-----	----	-----	----	-----
INTEREST EARNINGS		46		3844		3844-
-----	-----	-----	----	-----	----	-----
MISCELLANEOUS		46		3844		3844-
NON-REVENUE RECEIPTS 390A						
REFUND & RECOVERY 3965						
-----	-----	-----	----	-----	----	-----
NON-REVENUE RECEIPTS						
-----	-----	-----	----	-----	----	-----
REVENUES		757715		39213401		39213401-

CITY OF HATTIESBURG

REVENUE REPORT

8/02/17

ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
CITY/COUNTY-SHARED REVEN	270B								
LAMAR CTY	2708								
CITY/COUNTY-SHARED RE									
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		34			71			71-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
INTEREST EARNINGS			34			71			71-
MISCELLANEOUS			34			71			71-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27					75000			75000-
T/F 2016 TIF CONST-HBR	3800 91								
TRANSFERS FROM OTHR						75000			75000-
TRANSFERS						75000			75000-
NON-REVENUE RECEIPTS	390A								
REVENUES			34			75071			75071-

8/02/17

.....CURRENT.....			YEAR-TO-DATE.....		
ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV

	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
OTHER PERMITS & FEES	2230								
FLOWAGE FEE	2295								

OTHER PERMITS & FEES									
INTER-GOVERNMNTL REVENUE	230A								
FEDERAL GRANTS	230B								
FEDERAL AVIATION ADM.	2330	117,916			1,179,167	102404	8	1415000	1312596

FEDERAL GRANTS		117,916			1,179,167	102404	8	1415000	1312596
STATE GRANTS	250B								
MDOT-MULTIMODAL GRANT	2509								
AIRPORT GRANT	2540								

STATE GRANTS									
STATE-SHARED REVENUE	260B								
AIRPLANE REGISTRATION T	2655								

STATE-SHARED REVENUE									
CITY/COUNTY-SHARED REVEN	270B								
AIRPORT ASSIST-FORREST	2725								

CITY/COUNTY-SHARED RE									
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		18			273			273-

INTEREST EARNINGS			18			273			273-
RENTS AND ROYALTIES	3410								
BUILDING	3412								
YORK INT/JOHNSON CONT	3412 12								
LORESCO INC	3412 13		100			1000			1000-
COCA COLA (1906 COMPA	3412 14								
H'BURG HANGER ASSN.	3412 18								
SOUTHEAST AVIATION SE	3412 21		1683			21745			21745-
SE AVIATION BLDG LAND	3412 22								
OTHER BLDG. RENT	3412 99								

BUILDING			1783			22745			22745-
MINERAL LEASE-AIRPORT	3418								

RENTS AND ROYALTIES			1783			22745			22745-

MISCELLANEOUS			1801			23018			23018-
TRANSFERS	380A								

TRANSFERS FROM OTHR FND	3800							
T/F GENERAL FUND	3800 01							
TRANSFERS FROM OTHR								
TRANSFERS								
NON-REVENUE RECEIPTS	390A							
SALE OF REAL ESTATE	3920							
SALE OF TIMBER	3923							
NON-REVENUE RECEIPTS								
BEGINNING CASH BALANCE	399A							
APPROPRIABLE FUND BALAN	3999							
BEGINNING CASH BALANC								
REVENUES		117,916	1801	1	1,179,167	125422	10	1415000 1289578

050050 - 2015A TIF B&I-RIDGE/TURTLE CRK

CITY OF HATTIESBURG

REVENUE REPORT

8/02/17

ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
CITY/COUNTY-SHARED REVENUE	230B								
LAMAR COUNTY	2708		31431			38496			38496-
CITY/COUNTY-SHARED RE			31431			38496			38496-
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
SAVINGS ACCOUNT/MMA	3405		37			187			187-
INTEREST EARNINGS			37			187			187-
MISCELLANEOUS			37			187			187-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27					129000			129000-
T/F TIF CONSTRUCTION	3800 91					61020			61020-
TRANSFERS FROM OTHR						190020			190020-
TRANSFERS						190020			190020-
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
BOND PROCEEDS	3912								
BOND PREMIUM	3913								
ACCRUED INTEREST	3915								
SALE OF BONDS									
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999								
BEGINNING CASH BALANC									
REVENUES			31468			228703			228703-

CITY OF HATTIESBURG

REVENUE REPORT

8/02/17

ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
CITY/COUNTY SHARED REVEN	230B								
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
SAVINGS ACCOUNT/MMA	3405		17			54			54-
INTEREST EARNINGS			17			54			54-
MISCELLANEOUS			17			54			54-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27					20000			20000-
T/F TIF CONSTRUCTION	3800 91					10500			10500-
TRANSFERS FROM OTHR						30500			30500-
TRANSFERS						30500			30500-
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
BOND PROCEEDS	3912								
BOND PREMIUM	3913								
ACCRUED INTEREST	3915								
SALE OF BONDS									
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999								
BEGINNING CASH BALANC									
REVENUES			17			30554			30554-

CITY OF HATTIESBURG

REVENUE REPORT

8/02/17

ALL FUNDS

10 MONTHS ENDING 07/31/17

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
		ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
FEDERAL GRANTS	230B								
FHWA-STORM RELATED	2323								
FEMA RELIEF	2337								

FEDERAL GRANTS									
STATE GRANTS	250B								
STATE BOND FDS	2501								
STATE BOND FDS/GORDON	2501 01								
STATE BOND FDS/GORDON	2501 02								
STATE BOND FDS/LLT EDW	2501 03								

STATE BOND FDS									
GORDON CRK PATH/PAT HAR	2502								
GORDON CRK SDWLKS/HBURG	2503	29,158			291,582			349898	349898
MDIP-HBRG CLINIC ACCESS	2530	34,499			344,994			413993	413993
WEATHERSBY ROAD	2533								
MDOT-MPO GRANT	2555								
MDOT-BONHOMIE/TATUM SI	2555 01								
MDOT-TRAFFIC SIGNALS	2555 02								
MDOT-NEW TARGET	2555 03								
MDOT-#1 HARDY ST WIDEN	2555 04								
MDOT-LLT-US 49 TO MAIN	2555 05	27,766			277,669	151368	54	333203	181835
MDOT-#2 HARDY ST WIDEN	2555 06								
MDOT-TRAF SIGNAL-SO.PO	2555 07								
MDOT-ARRA-PINE B'WAY T	2555 08								
MDOT-SIDEWALKS-SCHOOLS	2555 09					13568			13568-
MDOT-WESTERN BELTWAY	2555 10	4,500			45,000			54000	54000
MDOT-RAILROAD CROSSING	2555 11								
MDOT-FUTURE PROJECT	2555 12								
MDOT-B'WAY,MOBILE TE	2555 13	15,966			159,667	11571	7	191600	180029
MDOT-34TH AVE TE	2555 14	1,291			12,917	4733	36	15500	10767
MDOT-4TH ST PHASE I	2555 15								
MDOT-4TH ST PHASE II	2555 16	72,938			729,387			875264	875264
MDOT-MARTIN LUTHER KIN	2555 17								
MDOT-SIDEWALKS-HAWKINS	2555 18	16,541			165,417	40772	24	198500	157728
MDOT-SIDEWALKS-TUSCAN	2555 19	25,390			253,903			304684	304684
MDOT-LLT DEPOT TO CHAI	2555 20	43,197			431,978			518373	518373
MDOT-J ED TURNER BIKE	2555 21								

MDOT-MPO GRANT		207,593			2,075,937	222012	10	2491124	2269112

STATE GRANTS		271,251			2,712,513	222012	8	3255015	3033003
CITY/COUNTY-SHARED REVEN	270B								
FORREST - INFRAST. IMPR	2707								
PRO-RATA CTY RD TAX-FOR	2710	50,000	10085	20	500,000	558853	111	600000	41147

PRO-RATA CTY RD TAX-LAM	2715	100,000	10955	10	1,000,000	767415	76	1200000	432585
MISCELLANEOUS GRANTS	2740								

CITY/COUNTY-SHARED RE		150,000	21040	14	1,500,000	1326268	88	1800000	473732
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSI	3402								
SAVINGS ACCOUNT/MMA	3405		655			6266			6266-

INTEREST EARNINGS			655			6266			6266-
CONTRIBUTIONS-PUBLIC	3450								
CONTRIBUTIONS-FORREST	3455					3750			3750-
CONTRIB-RAILS TO TRAIL	3457	5,105			51,053	61264	120	61264	

CONTRIBUTIONS-PUBLIC		5,105			51,053	65014	127	61264	3750-
CONTRIBUTIONS-PRIVATE	3460								
CONTRIB-RAILROAD PROJE	3461								
CONTRIB-CHAUVEY SQ.PRO	3469								

CONTRIBUTIONS-PRIVAT									

MISCELLANEOUS		5,105	655	12	51,053	71280	139	61264	10016-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F W & S CONSTRUCTION	3800 75								
T/F INDUSTRIAL PARK DE	3800 87								

TRANSFERS FROM OTHR									

TRANSFERS									
NON-REVENUE RECEIPTS	390A								
SALE OF TIMBER	3923								
REFUND & RECOVERY	3965					81040			81040-
REFUND-COST SHARING	3969								
CAPITAL LEASE PROCEEDS	3970								

NON-REVENUE RECEIPTS						81040			81040-
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	200,948			2,009,484			2411381	2411381

BEGINNING CASH BALANC		200,948			2,009,484			2411381	2411381

REVENUES		627,305	21695	3	6,273,050	1700600	27	7527660	5827060

NON-REVENUE RECEIPTS	-----	-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	27,543			275,433			330519	330519
	-----	-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC		27,543			275,433			330519	330519
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES		223,549	47215	21	2,235,493	1257764	56	2682591	1424827

8/02/17

.....CURRENT.....			YEAR-TO-DATE.....		
ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV

		OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES		200								
INTER-GOVERNMNTL REVENUE		230A								
FEDERAL GRANTS		230B								
CDBG-USA YEAST		2336								
FEMA RELIEF		2337								
CDBG-WIS PAK		2338								
CDBG-WATER PLANT 2 RENO		2339								
MDA DIP DEWS WTR LINES		2352								
US CORPS OF ENGR PROJEC		2354								
LAGOON AERATORS-DOE ARR		2357								
COUNTRY CLUB WATER-EPA		2358								
NRCS EROSION CONTROL GR		2512								
I.P.-HYBERPLASTIC-MDA G		2514								
		-----	-----	-----	----	-----	-----	----	-----	-----
FEDERAL GRANTS										
CITY/COUNTY-SHARED REVEN		270B								
FORREST CTY		2705								
PETAL		2737								
LAMAR PARK		2738								
		-----	-----	-----	----	-----	-----	----	-----	-----
CITY/COUNTY-SHARED RE										
MISCELLANEOUS		340A								
INTEREST EARNINGS		3400								
CERTIFICATES OF DEPOSIT		3402								
SAVINGS ACCOUNT/MMA		3405	250	854	341	2,500	7087	283	3000	4087-
		-----	-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			250	854	341	2,500	7087	283	3000	4087-
RENTS AND ROYALTIES		3410								
LAND		3411								
TRITELL COMMUNICATION	12	3411								
AT&T/CINGULAR(WTR WOR	13	3411								
SBA STRUCTURES (WM CA	14	3411	1,250			12,500	13842	110	15000	1158
CCATT HOLDINGS-WATER	15	3411	416			4,167	37817	907	5000	32817-
AP WIRELESS INVESTMEN	16	3411	19,999			199,998	239998	120	239998	
		-----	-----	-----	----	-----	-----	----	-----	-----
LAND			21,666			216,665	291657	134	259998	31659-
BUILDING		3412								
USM CELLULAR ONE RENT	41	3412								
TH INC MANAGEMENT(USM	42	3412								
VERIZON-USM WATER TAN	43	3412								
CELLULAR SOUTH (MULTI	44	3412								
		-----	-----	-----	----	-----	-----	----	-----	-----
BUILDING										
		-----	-----	-----	----	-----	-----	----	-----	-----
RENTS AND ROYALTIES			21,666			216,665	291657	134	259998	31659-
CONTRIBUTIONS-PRIVATE		3460								
CONTRIB-USA YEAST SWR		3461								

CONTRIBUTIONS-PRIVAT									
MISCELLANEOUS		21,916	854	3	219,165	298744	136	262998	35746-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F GENERAL FUND	3800 01								
T/F WATER & SEWER O &	3800 09								
T/F WATER & SEWER B&I	3800 10								
T/F WATER & SEWER	3800 11	166,666	526176	315	1,666,667	4984055	299	2000000	2984055-
T/F W & S CONTINGENCY	3800 17								
T/F COM.DEV.BLK.GRANT	3800 82								
T/F INDUSTRIAL PARK DE	3800 87								
TRANSFERS FROM OTHR		166,666	526176	315	1,666,667	4984055	299	2000000	2984055-
TRANSFERS		166,666	526176	315	1,666,667	4984055	299	2000000	2984055-
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
CAPITAL LEASE PROCEEDS	3970								
NOTE PROCEEDS	3975								
SRF LOAN PROCEEDS-#1	3980								
SRF LOAN PROCEEDS-#2	3985								
SRF LOAN PROCEEDS-#3	3987								
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	423,358			4,233,582			5080298	5080298
BEGINNING CASH BALANC		423,358			4,233,582			5080298	5080298
REVENUES		611,941	527031	86	6,119,413	5282799	86	7343296	2060497

NON-REVENUE RECEIPTS		50			500	150-	30	600	750
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	36,603			366,033			439239	439239
		-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC		36,603			366,033			439239	439239
		-----	-----	----	-----	-----	----	-----	-----
REVENUES		121,295	855		1,212,956	532175	43	1455547	923372

[illegible]

CDBG-ENTITLEMENT-199		
HOME ENTITLEMENT-1998	2393	
HOME ENTIT-AFFORD.HOUS	2393	AH
HOME ENTIT-CHDO	2393	CHDO
HOME ENTIT-DOWNPAYMENT	2393	DA
HOME ENTIT-FULL REHAB.	2393	FR
HOME ENTITLEMENT-199		
CDBG-ENTITLEMENT-1998	2395	
CDBG-ENT.-ADMINISTRATI	2395	ADM
CDBG-ENT.-DEMOLITION	2395	DEM
CDBG-ENT.-DRAINAGE	2395	DRG
CDBG-ENT.-EATON SCHOOL	2395	EAT
CDBG-ENT.-EMER.REHAB.	2395	ER
CDBG-ENT.-FULL REHAB.	2395	FR
CDBG-ENT.-NEIGHBORHD G	2395	NG
CDBG-ENT.-PLANNING	2395	PL
CDBG-ENT.-PUBLIC SERVI	2395	PS
CDBG-ENTITLEMENT-199		
HOME ENTITLEMENT-1999	2397	
HOME ENTIT-AFFORD.HOUS	2397	AH
HOME ENTIT-CHDO ADMIN	2397	CHDOAD
HOME ENTIT-CHDO SETASI	2397	CHDOSA
HOME ENTIT-DOWNPAYMENT	2397	DA
HOME ENTIT-DA RECAPTUR	2397	DAR
HOME ENTIT-FULL REHAB.	2397	FR
HOME ENTITLEMENT-199		
CDBG-ENTITLEMENT-1999	2399	
CDBG-ENT.-ADMINISTRATI	2399	ADM
CDBG-ENT.-BRADY ST SEW	2399	BSS
CDBG-ENT.-DEMOLITION	2399	DEM
CDBG-ENT.-DRAINAGE	2399	DRG
CDBG-ENT.-EATON SCHOOL	2399	EAT
CDBG-ENT.-EMER.REHAB.	2399	ER
CDBG-ENT.-FULL REHAB.	2399	FR
CDBG-ENT.-NEIGHBORHD G	2399	NG
CDBG-ENT.-PLANNING	2399	PL
CDBG-ENT.-PRVO	2399	PRVO
CDBG-ENT.-PUBLIC SERVI	2399	PS
CDBG-ENT.-SIDEWALKS	2399	SWLK
CDBG-ENTITLEMENT-199		
CDBG-ENTITLEMENT-2000	2401	
CDBG-ENT.-ADMINISTRATI	2401	ADM
CDBG-ENT.-DEMOLITION	2401	DEM
CDBG-ENT.-DRAINAGE	2401	DRG
CDBG-ENT.-EMER.REHAB.	2401	ER
CDBG-ENT.-FACADE PROG	2401	FAC
CDBG-ENT.-FULL REHAB.	2401	FR
CDBG-ENT.-NEIGHBORHD G	2401	NG

CDBG-ENT.-PUBLIC SERVI	2401	PS						
CDBG-ENT.-SIDEWALKS	2401	SWLK						

CDBG-ENTITLEMENT-200								
HOME ENTITLEMENT-2000	2402							
HOME ENTIT-AFFORD.HOUS	2402	AH						
HOME ENTIT-CHDO ADMIN	2402	CHDOAD						
HOME ENTIT-CHDO SETASI	2402	CHDOSA						
HOME ENTIT-DOWNPAYMENT	2402	DA						
HOME ENTIT-FULL REHAB.	2402	FR						

HOME ENTITLEMENT-200								
CDBG-ENTITLEMENT-2001	2403							
CDBG-ENT.-ADMINISTRATI	2403	ADM						
CDBG-ENT.-DEMOLITION	2403	DEM						
CDBG-ENT.-DRAINAGE	2403	DRG						
CDBG-ENT.-EATON SCHOOL	2403	EAT						
CDBG-ENT.-EMER.REHAB.	2403	ER						
CDBG-ENT.-FACADE PROG	2403	FAC						
CDBG-ENT.-FULL REHAB.	2403	FR						
CDBG-ENT.-D/T LIGHTING	2403	LIGHT						
CDBG-ENT.-PLANNING	2403	PL						
CDBG-ENT.-PUBLIC SERVI	2403	PS						
CDBG-ENT.-SIDEWALKS	2403	SWLK						

CDBG-ENTITLEMENT-200								
HOME ENTITLEMENT-2001	2404							
HOME ENTIT-ADMINISTRAT	2404	ADM						
HOME ENTIT-AFFORD.HOUS	2404	AH						
HOME ENTIT-CHDO ADMIN	2404	CHDOAD						
HOME ENTIT-CHDO SETASI	2404	CHDOSA						
HOME ENTIT-DOWNPAYMENT	2404	DA						
HOME ENTIT-FULL REHAB.	2404	FR						

HOME ENTITLEMENT-200								
HOME ENTITLEMENT-2002	2406							
HOME ENTIT-ADMINISTRAT	2406	ADM						
HOME ENTIT-AFFORD.HOUS	2406	AH						
HOME ENTIT-CHDO OPERAT	2406	CHDO						
HOME ENTIT-DOWNPAYMENT	2406	DA						
HOME ENTIT-FULL REHAB.	2406	FR						
HOME ENTIT-HOME BUYER	2406	HBE						
HOME ENTIT	2406	HE						

HOME ENTITLEMENT-200								
CDBG-ENTITLEMENT-2002	2407							
CDBG-ENT.-ADMINISTRATI	2407	ADM						
CDBG-ENT.-ADMIN/EMER R	2407	ADMER						
CDBG-ENT.-ADMIN/FULL R	2407	ADMFR						
CDBG ENT.-CHDO OPERATI	2407	CHDO						
CDBG-ENT.-DEMOLITION	2407	DEM						
CDBG-ENT.-DRAINAGE	2407	DRG						
CDBG-ENT.-EATON SCHOOL	2407	EAT						

CDBG-ENT.-EMER.REHAB.	2407	ER						
CDBG-ENT.-FACADE PROG	2407	FAC						
CDBG-ENT.-FULL REHAB.	2407	FR						
CDBG-ENT.-PLANNING	2407	PL						
CDBG-ENT.-PUBLIC SERVI	2407	PS						

CDBG-ENTITLEMENT-200								
HOME ENTITLEMENT-2003	2408							
HOME ENTIT-ADMINISTRAT	2408	ADM						
HOME ENTIT-AFFORD.HOUS	2408	AH						
HOME ENTIT-CHDO OPERAT	2408	CHDO						
HOME ENTIT-DOWNPAYMENT	2408	DA						
HOME ENTIT-FULL REHAB.	2408	FR						
HOME ENTIT-REHAB.SUBRE	2408	RSC						

HOME ENTITLEMENT-200								
CDBG-ENTITLEMENT-2003	2409							
CDBG-ENT.-ADMINISTRATI	2409	ADM						
CDBG-ENT.-ADMIN/EMER R	2409	ADMER						
CDBG-ENT.-ADMIN/FULL R	2409	ADMFR						
CDBG-ENT.-ADMIN/PUBLIC	2409	ADMPS						
CDBG-ENT.-DEMOLITION	2409	DEM						
CDBG-ENT.-EMER ALERT P	2409	EAP						
CDBG-ENT.-EMER.REHAB.	2409	ER						
CDBG-ENT.-FACADE PROG	2409	FAC						
CDBG-ENT.-FULL REHAB.	2409	FR						
CDBG-ENT.-MICRO LOAN P	2409	MLP						
CDBG-ENT.-PLANNING	2409	PL						
CDBG-ENT.-PUBLIC SERVI	2409	PS						
CDBG-ENT.-REHAB.SUBREC	2409	RSC						
CDBG-ENT.-WORLD CHANGE	2409	WC						

CDBG-ENTITLEMENT-200								
HOME ENTITLEMENT-2004	2410							
HOME ENTIT-ADMINISTRAT	2410	ADM						
HOME ENTIT-AFFORD.HOUS	2410	AH						
HOME ENTIT-CHDO SETASI	2410	CHDOSA						
HOME ENTIT-DOWNPAYMENT	2410	DA						
HOME ENTIT-FULL REHAB.	2410	FR						
HOME ENTIT-REHAB.SUBRE	2410	RSC						

HOME ENTITLEMENT-200								
CDBG-ENTITLEMENT-2004	2411							
CDBG-ENT.-ADMINISTRATI	2411	ADM						
CDBG-ENT.-ADMIN/FULL R	2411	ADMFR						
CDBG-ENT.-ADMIN/HSG RE	2411	ADMHR						
CDBG-ENT.-ADMIN/PUBLIC	2411	ADMPS						
CDBG-ENT.-DEMOLITION	2411	DEM						
CDBG-ENT.-EMER ALERT P	2411	EAP						
CDBG-ENT.-ENGINEERING	2411	EP						
CDBG-ENT.-FACADE PROG	2411	FAC						
CDBG-ENT.-FULL REHAB.	2411	FR						
CDBG-ENT.-HOUSING REPR	2411	HR						

CDBG-ENT.-PLANNING	2411	PL						
CDBG-ENT.-WORLD CHANGE	2411	WC						

CDBG-ENTITLEMENT-200								
HOME ENTITLEMENT-2005	2412							
HOME ENTIT-ADMINISTRAT	2412	ADM						
HOME ENTIT-AFFORD.HOUS	2412	AH						
HOME ENTIT-CHDO OPERAT	2412	CHDO						
HOME ENTIT-DOWNPAYMENT	2412	DA						
HOME ENTIT-FULL REHAB.	2412	FR						
HOME ENTIT-HOUSING REH	2412	HR						
HOME ENTIT-REHAB.SUBRE	2412	RSC						

HOME ENTITLEMENT-200								
CDBG-ENTITLEMENT-2005	2413							
CDBG-ENT.-ADMINISTRATI	2413	ADM						
CDBG-ENT.-ADMIN/FULL R	2413	ADMFR						
CDBG-ENT.-ADMIN/HSG RE	2413	ADMHR						
CDBG-ENT.-ADMIN/PUBLIC	2413	ADMPS						
CDBG-ENT.-DEMOLITION	2413	DEM						
CDBG-ENT.-ENGINEERING	2413	EP						
CDBG-ENT.-FACADE PROG	2413	FAC						
CDBG-ENT.-FULL REHAB.	2413	FR						
CDBG-ENT.-HOUSING REPR	2413	HR						
CDBG-ENT.-PLANNING	2413	PL						
CDBG-ENT.-PUBLIC SERVI	2413	PS						
CDBG-ENT.-WORLD CHANGE	2413	WC						

CDBG-ENTITLEMENT-200								
HOME ENTITLEMENT-2006	2414							
HOME ENTIT-ADMINISTRAT	2414	ADM						
HOME ENTIT-AFFORD.HOUS	2414	AH						
HOME ENTIT-CHDO ADMIN	2414	CHDO						
HOME ENTIT-CHDO SETASI	2414	CHDOSA						
HOME ENTIT-DOWNPAYMENT	2414	DA						
HOME ENTIT-HOUSING REH	2414	HR						

HOME ENTITLEMENT-200								
CDBG-ENTITLEMENT-2006	2415							
CDBG-ENT.-ADMINISTRATI	2415	ADM						
CDBG-ENT.-ADMIN/FULL R	2415	ADMFR						
CDBG-ENT.-ADMIN/HSG RE	2415	ADMHR						
CDBG-ENT.-ADMIN/PUBLIC	2415	ADMPS						
CDBG-ENT.-DEMOLITION	2415	DEM						
CDBG-ENT.-DRAINAGE	2415	DRG						
CDBG-ENT.-ENGINEERING	2415	EP						
CDBG-ENT.-FACADE PROG	2415	FAC						
CDBG-ENT.-FULL REHAB.	2415	FR						
CDBG-ENT.-HOUSING REPR	2415	HR						
CDBG-ENT.-PLANNING	2415	PL						
CDBG-ENT.-PUBLIC SERVI	2415	PS						
CDBG-ENT.-WORLD CHANGE	2415	WC						

CDBG-ENTITLEMENT-200		
HOME ENTITLEMENT-2007	2416	
HOME ENTIT-ADMINISTRAT	2416	ADM
HOME ENTIT-AFFORD.HOUS	2416	AH
HOME ENTIT-CHDO ADMIN	2416	CHDOAD
HOME ENTIT-CHDO SETASI	2416	CHDOSA
HOME ENTIT-DOWNPAYMENT	2416	DA
HOME ENTIT-FULL REHAB.	2416	FR
HOME ENTIT-HOUSING REH	2416	HR
HOME ENTIT-PLANNING	2416	PL

HOME ENTITLEMENT-200		
CDBG-ENTITLEMENT-2007	2417	
CDBG-ENT.-ADMINISTRATI	2417	ADM
CDBG-ENT.-ADMIN/FULL R	2417	ADMFR
CDBG-ENT.-ADMIN/HSG RE	2417	ADMHR
CDBG-ENT.-ADMIN/PUBLIC	2417	ADMPS
CDBG-ENT.-DEMOLITION	2417	DEM
CDBG-ENT.-ENGINEERING	2417	EP
CDBG-ENT.-FACADE PROG	2417	FAC
CDBG-ENT.-FULL REHAB.	2417	FR
CDBG-ENT.-HOUSING REPR	2417	HR
CDBG-ENT.-INFRASTRUC P	2417	IS
CDBG-ENT.-PLANNING	2417	PL
CDBG-ENT.-PUBLIC SERVI	2417	PS
CDBG-ENT.-WORLD CHANGE	2417	WC

CDBG-ENTITLEMENT-200		
HOME ENTITLEMENT-2008	2418	
HOME ENTIT-ADMINISTRAT	2418	ADM
HOME ENTIT-AFFORD.HOUS	2418	AH
HOME ENTIT-CHDO ADMIN	2418	CHDOAD
HOME ENTIT-CHDO SETASI	2418	CHDOSA
HOME ENTIT-DOWNPAYMENT	2418	DA
HOME ENTIT-HOUSING REH	2418	HR

HOME ENTITLEMENT-200		
CDBG-ENTITLEMENT-2008	2419	
CDBG-ENT.-ADMINISTRATI	2419	ADM
CDBG-ENT.-ADMIN/FULL R	2419	ADMFR
CDBG-ENT.-ADMIN/HSG RE	2419	ADMHR
CDBG-ENT.-ADMIN/PUBLIC	2419	ADMPS
CDBG-ENT.-BLUE ROOFS	2419	BR
CDBG-ENT.-DEMOLITION	2419	DEM
CDBG-ENT.-DOWNTOWN LIG	2419	DL
CDBG-ENT.-DRAINAGE	2419	DRG
CDBG-ENT.-ENGINEERING	2419	EP
CDBG-ENT.-FACADE PROG	2419	FAC
CDBG-ENT.-FULL REHAB.	2419	FR
CDBG-ENT.-HOUSING REPR	2419	HR
CDBG-ENT.-INFRASTRUC P	2419	IS
CDBG-ENT.-PLANNING	2419	PL
CDBG-ENT.-PUBLIC SERVI	2419	PS

CDBG-ENT.-WORLD CHANGE	2419	WC						

CDBG-ENTITLEMENT-200								
HOME ENTITLEMENT-2009	2420							
HOME ENTIT-ADMINISTRAT	2420	ADM						
HOME ENTIT-AFFORD.HOUS	2420	AH						
HOME ENTIT-CHDO ADMIN	2420	CHDO						
HOME ENTIT-CHDO SETASI	2420	CHDOSA						
HOME ENTIT-DOWNPAYMENT	2420	DA						
HOME ENTIT-HOUSING REH	2420	HR						
HOME ENTIT-RECONS-SA P	2420	RECSA						

HOME ENTITLEMENT-200								
CDBG-ENTITLEMENT-2009	2421							
CDBG-ENT.-ADMINISTRATI	2421	ADM						
CDBG-ENT.-ADM DISABIL	2421	ADMDA						
CDBG-ENT.-ADMIN/FULL R	2421	ADMFR						
CDBG-ENT.-ADMIN/HSG RE	2421	ADMHR						
CDBG-ENT.-ADMIN/PUBLIC	2421	ADMPS						
CDBG-ENT.-DEMOLITION	2421	DEM						
CDBG-ENT.-DOWNTOWN LIG	2421	DL						
CDBG-ENT.-ENGINEERING	2421	EP						
CDBG-ENT.-FACADE PROG	2421	FAC						
CDBG-ENT.-FACILITIES	2421	FC						
CDBG-ENT.-FULL REHAB.	2421	FR						
CDBG-ENT.-HOUSING REPR	2421	HR						
CDBG-ENT.-INFRASTRUC P	2421	IS						
CDBG-ENT.-PLANNING	2421	PL						
CDBG-ENT.-PUBLIC SERVI	2421	PS						
CDBG-ENT.-WORLD CHANGE	2421	WC						

CDBG-ENTITLEMENT-200								
HOME ENTITLEMENT-2010	2422							
HOME ENTIT-ADMINISTRAT	2422	ADM						
HOME ENTIT-CHDO ADMIN	2422	CHDO						
HOME ENTIT-CHDO SETASI	2422	CHDOSA						
HOME ENTIT-DWNPYMNT AS	2422	DA						
HOME ENTIT-FULL REHAB	2422	FR						

HOME ENTITLEMENT-201								
CDBG-ENTITLEMENT-2010	2423							
CDBG-ENT.-ADMINISTRATI	2423	ADM						
CDBG-ENT.-ADM DISABIL	2423	ADMDISAD						
CDBG-ENT.-DEMOLITION	2423	DEM						
CDBG-ENT.-FACADE PROG	2423	FAC						
CDBG-ENT.-HOUSING REPR	2423	HR						
CDBG-ENT.-INFRASTRUC P	2423	IS						
CDBG-ENT.-PROJECT DELI	2423	PD						
CDBG-ENT.-PUBLIC SERVI	2423	PS						

CDBG-ENTITLEMENT-201								
HOME ENTITLEMENT-2011	2424							
HOME ENTIT-ADMINISTRAT	2424	ADM						

HOME ENTIT-CHDO SETASI	2424	CHDOSA						
HOME ENTIT-HOUSING PRO	2424	HP						

HOME ENTITLEMENT-201								
CDBG-ENTITLEMENT-2011	2425							
CDBG-ENT.-ADMINISTRATI	2425	ADM						
CDBG-ENT.-ADM DISABIL	2425	ADMDISAD						
CDBG-ENT.-DEMOLITION	2425	DEM						
CDBG-ENT.-HOUSING REPR	2425	HR						
CDBG-ENT.-INFRASTRUC P	2425	IS						
CDBG-ENT.-MICROENT PRO	2425	MA						
CDBG-ENT.-PROJ DELIVER	2425	PD						
CDBG-ENT.-PUBLIC SERVI	2425	PS						

CDBG-ENTITLEMENT-201								
HOME ENTITLEMENT-2012	2426							
HOME ENTIT-ADMINISTRAT	2426	ADM						
HOME ENTIT-CHDO SETASI	2426	CHDOSA						
HOME ENTIT-HOUSING PRO	2426	HP						

HOME ENTITLEMENT-201								
CDBG-ENTITLEMENT-2012	2427							
CDBG-ENT.-ADMINISTRATI	2427	ADM						
CDBG-ENT.-DEMOLITION	2427	DEM			6900			6900-
CDBG-ENT.-HOUSING PROG	2427	HP			710			710-
CDBG-ENT.-MICROENT PRO	2427	MA						
CDBG-ENT.-PROJECT DELI	2427	PD						
CDBG-ENT.-PUBLIC SERVI	2427	PS						

CDBG-ENTITLEMENT-201					7610			7610-
HOME ENTITLEMENT-2013	2428							
HOME ENTIT-ADMINISTRAT	2428	ADM						
HOME ENTIT-CHDO SETASI	2428	CHDOSA						
HOME ENTIT-DWNPYMNT AS	2428	DA						
HOME ENTIT-HOUSING PRO	2428	HP			20000			20000-

HOME ENTITLEMENT-201					20000			20000-
CDBG-ENTITLEMENT-2013	2429							
CDBG-ENT.-ADMINISTRATI	2429	ADM						
CDBG-ENT.-DEMOLITION	2429	DEM						
CDBG-ENT.-HOMELESS/SP	2429	HL/SP						
CDBG-ENT.-HOUSING PROG	2429	HP						
CDBG-ENT.-MICROENT PRO	2429	MA						
CDBG-ENT.-PROJECT DELI	2429	PD						
CDBG-ENT.-PUBLIC SERVI	2429	PS						

CDBG-ENTITLEMENT-201								
HOME ENTITLEMENT-2014	2430							
HOME ENTIT-ADMINISTRAT	2430	ADM						
HOME ENTIT-CHDO SETASI	2430	CHDOSA	3,784		37,844	56625	149	45413
HOME ENTIT-DOWNPAYMENT	2430	DA						11212-
HOME ENTIT-HOUSING PRO	2430	HP						

HOME ENTITLEMENT-201		3,784			37,844	56625	149	45413	11212-
CDBG-ENTITLEMENT-2014	2431								
CDBG-ENT.-ADMINISTRATI	2431 ADM								
CDBG-ENT.-DEMOLITION	2431 DEM								
CDBG-ENT.-HOUSING PROG	2431 HP								
CDBG-ENT.-PROJECT DELI	2431 PD								
CDBG-ENT.-PUBLIC FACIL	2431 PFI								
CDBG-ENT.-PUBLIC SERVI	2431 PS								

CDBG-ENTITLEMENT-201									
HOME ENTITLEMENT-2015	2432								
HOME ENTIT-ADMINISTRAT	2432 ADM	11,417			114,178	19384	16	137013	117629
HOME ENTIT-CHDO SETASI	2432 CHDOSA								
HOME ENTIT-DWNPYMNT AS	2432 DA	2,167			21,674	32111	148	26009	6102-
HOME ENTIT-HOUSING PRO	2432 HP	18,150	6800	37	181,506	86601	47	217807	131206

HOME ENTITLEMENT-201		31,735	6800	21	317,358	138096	43	380829	242733
CDBG-ENTITLEMENT-2015	2433								
CDBG-ENT.-ADMINISTRATI	2433 ADM	33,446			334,462	82774	24	401354	318580
CDBG-ENT.-DEMOLITION	2433 DEM								
CDBG-ENT.-FACADE PROG	2433 FAC								
CDBG-ENT.-HOMELESS/SP	2433 HL/SP	10,005			100,055	120066	120	120066	
CDBG-ENT.-HOUSING PROG	2433 HP	41,437			414,378	163715	39	497253	333538
CDBG-ENT.-MICRO ENTERP	2433 ME	193			1,933	5331	275	2319	3012-
CDBG-ENT.-PROJECT DELI	2433 PD	6,408			64,080	91896	143	76896	15000-
CDBG-ENT.-PUBLIC FACIL	2433 PFI	980			9,803	13833	141	11764	2069-
CDBG-ENT.-PUBLIC SERVI	2433 PS		684			2823			2823-

CDBG-ENTITLEMENT-201		92,471	684		924,710	480438	51	1109652	629214
HOME REVOLVING LOANS	2495								
MDA AM DREAM D/P (ADDI)	2497								
MISCELLANEOUS GRANTS	2740								
SALVATION ARMY	2740 04								
SAVINGS ACCOUNT/MMA	3405	2	4	200	21	24	114	25	1

MISCELLANEOUS GRANTS		2	4	200	21	24	114	25	1

FEDERAL GRANTS		127,993	7488	5	1,279,933	702793	54	1535919	833126
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F GENERAL FUND	3800 01								
T/F WATER & SEWER O &	3800 09								
T/F MUN.ROAD & BRIDGE	3800 72								

TRANSFERS FROM OTHR									

TRANSFERS									
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								

NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	17,125			171,253			205504-	205504-

BEGINNING CASH BALANC	-----	-----	-----	----	-----	-----	----	-----	-----
		17,125			171,253			205504-	205504-
REVENUES	-----	-----	-----	----	-----	-----	----	-----	-----
		110,867	7488	6	1,108,679	702793	63	1330415	627622

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.....CURRENT.....			YEAR-TO-DATE.....		
ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV

	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
OTHER PERMITS & FEES	2230								
MISC. PERMITS & FEES	2299								

OTHER PERMITS & FEES									
FEDERAL GRANTS	230B								
EDA GRANT-MASTER PLAN	2333								
EDA GRANT-OWENS/ILL PRO	2338								

FEDERAL GRANTS									
STATE GRANTS	250B								
OWENS/ILL PROJ-RR SPUR	2541								
USA YEAST PROJ-RR SPUR	2542								

STATE GRANTS									
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		56			664			664-
TREASURY NOTES	3409								

INTEREST EARNINGS			56			664			664-
RENTS AND ROYALTIES	3410								
LAND	3411								
LAMAR OUTDOOR ADVERTISING	3411 05								

LAND									
BUILDING	3412								
BROWN BOTTLING (PEPSI)	3412 10								
L&S REALTORS	3412 11								
KOHLER	3412 17					274211			274211-
JPM OF MS., INC.	3412 20								
SUNBEAM/OSTER	3412 23								

BUILDING						274211			274211-

RENTS AND ROYALTIES						274211			274211-
CONTRIBUTIONS-PUBLIC	3450								
CONTRIBUTIONS-FORREST	3455		274211			474211			474211-
CONTRIBUTIONS-CITY	3456					150000			150000-
CONTRIBUTIONS-ADP	3457								
CONTRIBUTIONS-PRVEPA	3458								

CONTRIBUTIONS-PUBLIC			274211			624211			624211-

MISCELLANEOUS			274267			899086			899086-
TRANSFERS	380A								

TRANSFERS FROM OTHR FND 3800								
TRANSFERS								
NON-REVENUE RECEIPTS	390A							
SALE OF BONDS	3910							
BOND PROCEEDS	3912							
ACCRUED INTEREST	3915							
OTHER BOND INCOME	3919							
CAP STATE LOAN'96-CIT	3919	CSL96C						
CAP STATE LOAN'96-FOR	3919	CSL96F						
CAP STATE LOAN'97-CIT	3919	CSL97C						
CAP STATE LOAN'97-FOR	3919	CSL97F						
MBIA BONDS	3919	MBIA						
OTHER BOND INCOME								
SALE OF BONDS								
SALE OF REAL ESTATE	3920				1000			1000-
SALE OF TIMBER	3923							
SALE OF EASEMENTS	3925							
SALE OF MISC. ITEMS	3945							
REFUND & RECOVERY	3965							
NON-REVENUE RECEIPTS					1000			1000-
BEGINNING CASH BALANCE	399A							
APPROPRIABLE FUND BALAN	3999							
BEGINNING CASH BALANC								
REVENUES			274267		900086			900086-

ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405								
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								
INTEREST EARNINGS									
MISCELLANEOUS									
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
BOND PROCEEDS	3912	2,083,333			20,833,333	5351142	25	25000000	19648858
ACCRUED INTEREST	3915								
SALE OF BONDS		2,083,333			20,833,333	5351142	25	25000000	19648858
NON-REVENUE RECEIPTS		2,083,333			20,833,333	5351142	25	25000000	19648858
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999								
BEGINNING CASH BALANCE									
REVENUES		2,083,333			20,833,333	5351142	25	25000000	19648858

CITY OF HATTIESBURG

REVENUE REPORT

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ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405								
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								
INTEREST EARNINGS									
MISCELLANEOUS									
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
BOND PROCEEDS	3912								
ACCRUED INTEREST	3915								
SALE OF BONDS									
REFUND & RECOVERY	3965								
CAPITAL LEASE PROCEEDS	3970								
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	202,978			2,029,782			2435738	2435738
BEGINNING CASH BALANCE		202,978			2,029,782			2435738	2435738
REVENUES		202,978			2,029,782			2435738	2435738

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.....CURRENT.....			YEAR-TO-DATE.....		
ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV

[illegible]

091091 - TIF CONST-REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

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ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		1			24			24-
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								
	-----	-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			1			24			24-
	-----	-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			1			24			24-
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
BOND PROCEEDS	3912								
BOND PROCEEDS-RIDGE/T	3912 01								
BOND PROCEEDS-MIDTOWN	3912 02								
BOND PROCEEDS-WHISPER	3912 03								
BOND PROCEEDS-HBURG C	3912 04								
	-----	-----	-----	----	-----	-----	----	-----	-----
BOND PROCEEDS									
ACCRUED INTEREST	3915								
	-----	-----	-----	----	-----	-----	----	-----	-----
SALE OF BONDS									
REFUND & RECOVERY	3965								
	-----	-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999								
	-----	-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANCE									
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES			1			24			24-

CITY OF HATTIESBURG

REVENUE REPORT

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ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		7846			27206			27206-
OTHER INTEREST	3407								
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								
	-----	-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			7846			27206			27206-
	-----	-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			7846			27206			27206-
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
BOND PROCEEDS	3912					25000000			25000000-
ACCRUED INTEREST	3915								
	-----	-----	-----	----	-----	-----	----	-----	-----
SALE OF BONDS						25000000			25000000-
	-----	-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS						25000000			25000000-
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999								
	-----	-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANCE									
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES			7846			25027206			25027206-

CITY OF HATTIESBURG

REVENUE REPORT

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ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405								
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								
INTEREST EARNINGS									
MISCELLANEOUS									
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
BOND PROCEEDS	3912								
ACCRUED INTEREST	3915								
SALE OF BONDS									
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	1,770			17,703			21244	21244
BEGINNING CASH BALANCE		1,770			17,703			21244	21244
REVENUES		1,770			17,703			21244	21244

095095 - 2001 BOND CONSTR REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

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ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
STATE GRANTS	250B								
STATE BOND FDS/EUREKA S	2501								
ARTS COMMISSION GRANT	2521								
STATE GRANTS									
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405								
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								
INTEREST EARNINGS									
CONTRIBUTIONS-PUBLIC	3450								
CONTRIBUTIONS-FORREST	3455								
CONTRIBUTIONS-PUBLIC									
CONTRIBUTIONS-PRIVATE	3460								
CONTRIB-H'BURG. CONV.	3465								
CONTRIB-OTHER	3469								
CONTRIBUTIONS-PRIVATE									
MISCELLANEOUS									
TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	3800								
T/F GENERAL FUND	3800 01								
TRANSFERS FROM OTHER									
TRANSFERS									
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
BOND PROCEEDS	3912								
ACCRUED INTEREST	3915								
SALE OF BONDS									
REFUND & RECOVERY	3965								
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999		6			61		73	73
BEGINNING CASH BALANCE			6			61		73	73
REVENUES			6			61		73	73

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.....CURRENT.....			YEAR-TO-DATE.....		
ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV

[illegible]

NON-REVENUE RECEIPTS	390A							
SALE OF TIMBER	3923							
SALE OF SCRAP MATERIAL	3943							
SALE OF ZOOLOGICAL ANIM	3949							
REFUND & RECOVERY	3965							
-----		-----	-----	-----	-----	-----	-----	-----
NON-REVENUE RECEIPTS								
BEGINNING CASH BALANCE	399A							
APPROPRIABLE FUND BALAN	3999							
-----		-----	-----	-----	-----	-----	-----	-----
BEGINNING CASH BALANC								
-----		-----	-----	-----	-----	-----	-----	-----
REVENUES						3		3-

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.....CURRENT.....			YEAR-TO-DATE.....		
ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV

[illegible]

CITY OF HATTIESBURG

REVENUE REPORT

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ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		126			3242			3242-
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								
T/F 2012 W&S BOND CONS	3800 94								
	-----	-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			126			3242			3242-
	-----	-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			126			3242			3242-
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
BOND PROCEEDS	3912								
ACCRUED INTEREST	3915								
	-----	-----	-----	----	-----	-----	----	-----	-----
SALE OF BONDS									
	-----	-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	192,980			1,929,802			2315762	2315762
	-----	-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANCE		192,980			1,929,802			2315762	2315762
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES		192,980	126		1,929,802	3242		2315762	2312520

107107 - SPEC.SALES TAX REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

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ALL FUNDS

10 MONTHS ENDING 07/31/17

		CURRENT.....			YEAR-TO-DATE.....				
	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
STATE-SHARED REVENUE	260B								
SALES TAX-MOTEL	2605		63455			560066			560066-
SALES TAX-FOOD & BEVERA	2607		430548			4195900			4195900-
	-----	-----	-----	----	-----	-----	----	-----	-----
STATE-SHARED REVENUE			494003			4755965			4755965-
NON-REVENUE RECEIPTS	390A								
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES			494003			4755965			4755965-

109109 - GROUP INS.TRUST REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

8/02/17

ALL FUNDS

10 MONTHS ENDING 07/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
MISCELLANEOUS	340A								
INTEREST EARNING	3400								
SAVINGS ACCOUNT/MMA	3405		43			366			366-
	-----	-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNING			43			366			366-
	-----	-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			43			366			366-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F GENERAL FUND	3800 01								
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR									
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS									
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
HOSP.INS.-P/R DISTRIB	3966		369557			4417583			4417583-
HOSP.INS.-COBRA	3966 01		1527			13486			13486-
	-----	-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS			371084			4431069			4431069-
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES			371127			4431435			4431435-



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-626

File ID: 2017-626

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Ginger Maddox

File Created: 08/14/2017

Brief Title: Set Appeal Hearing - 314 Bay Street

Final Action:

Minute Book Number: MB2017-362

Title:

Acknowledge receipt of request filed by Corey Arrington, to appeal the Planning Commission's recommendation for the petition filed by Corey Arrington, Applicant, on behalf of Marvin Arrington, Owner, to change the zoning classification for a certain property located at 314 Bay Street (Parcel 029P-10-281.00, PPIN 18609, Ward 4) from Section 4.5.4, R-1B (Single Family Residential) District to Section 4.5.9, B-2 (Neighborhood Business) District.); (Hattiesburg Planning Commission recommended to APPROVE on August 2, 2017); Set a public hearing before City Council at 4:00 p.m. September 18, 2017; and authorize publication of Public Notice setting an Appeal Public Hearing.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: VII.-3

Sponsors:

Enactment Date:

Attachments: Rezone Appeal, Public Notice - Public Hearing - 314 Bay Street Rezone

Enactment Number:

Contact:

Meeting Date: 08/22/2017

Drafter: Stephen Guthrie

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017					

Text of Legislative File 2017-626

Title

Acknowledge receipt of request filed by Corey Arrington, to appeal the Planning Commission's recommendation for the petition filed by Corey Arrington, Applicant, on behalf of Marvin Arrington, Owner, to change the zoning classification for a certain property located at 314 Bay Street (Parcel 029P-10-281.00, PPIN 18609, Ward 4) from Section 4.5.4, R-1B (Single Family Residential) District to Section 4.5.9, B-2 (Neighborhood Business) District.); (Hattiesburg Planning Commission recommended to APPROVE on August 2, 2017); Set a public hearing before City Council at 4:00 p.m. September 18, 2017; and authorize publication of Public Notice setting an Appeal Public Hearing.

Summary

Set Appeal Hearing - 314 Bay Street

Budget Information

Expenditure Type

Purchasing Item

Publication Information

Public Notice to set hearing to publish in Hattiesburg American on September 1, 2017 (17 days prior to September 18, 2017 hearing).

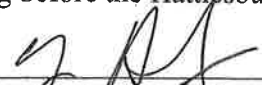


Send to:
Pattie Brantley, Director of Urban Development
Dept. of Urban Development
P.O. Box 1898
Hattiesburg, MS 39403
601.545.4591 or fax 601.545.1962

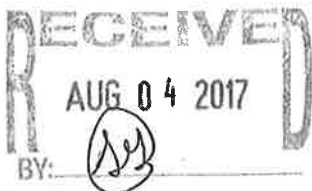
REQUEST TO APPEAL PLANNING COMMISSION RECOMMENDATION

Today's Date:	August 4, 2017
Planning Commission Meeting Date:	August 7, 2017 (Appeals must be made within ten consecutive days of the recommendation)
Name of Property Owner/Petitioner:	Corey Arrington
Name of Person Requesting Appeal Hearing:	Corey Arrington
Mailing Address of Person Requesting Appeal Hearing:	814 Southern Ave Hattiesburg, MS
Address of Petitioned Property:	314 Bay St Hattiesburg, MS
Petitioner's Request of the Planning Commission:	Rezone property at 314 Bay from R1A to B2
Planning Commission's Recommendation:	Approve ☐ or Deny ☒

I/We hereby APPEAL the Planning Commission Recommendation for the above referenced petition and request to hold a Public Hearing before the Hattiesburg City Council.


Appellant (signature)

Appellant (signature) **FILED**



AUG - 04 2017
CITY CLERK
BY 
DEPUTY CLERK

PUBLIC HEARING

NOTICE is hereby given that a petition has been filed by Corey Arrington, Applicant, on behalf of Marvin Arrington, Owner, as required in the Land Development Code, Ord. No. 3209, to change the zoning classification for a certain property located at 314 Bay Street (Parcel 029P-10-281.00, PPIN 18609, Ward 4) from Section 4.5.4, R-1B (Single Family Residential) District to Section 4.5.9 B-2 (Neighborhood Business) District.

After hearing, the Hattiesburg Planning Commission recommended that the petition be DENIED, and Corey Arrington, being aggrieved with the recommendation, filed a request for hearing before the Mayor and City Council of the City of Hattiesburg, as provided by law.

NOW, THEREFORE, NOTICE IS GIVEN that a public hearing in relation to the petition as hereinabove set forth will be held at 4:00 p.m., Monday, September 18, 2017, in the City Hall Building, Second Floor, City Council Room, 200 Forrest Street, Hattiesburg, Mississippi, at which time and at which said hearing all parties of interest and citizens shall have an opportunity to be heard.

WITNESS my signature and the official seal of said City on this, the 22nd day of August, 2017.

CITY OF HATTIESBURG, MISSISSIPPI

BY: Kermas Eaton /s/
CITY CLERK

(SEAL)

Publish (1) Friday, September 1, 2017
City of Hattiesburg
Return PROOF to City Clerk's Office
P.O. Box 1898
Hattiesburg, MS 39403-1898



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-636

File ID: 2017-636

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Ginger Maddox

File Created: 08/14/2017

Brief Title: Set Appeal Hearing - City's Comprehensive Plan
2008-2028 - Text Amendment

Final Action:

Minute Book Number: MB2017-362

Title:

Acknowledge receipt of request filed by Corey Arrington, to appeal the Planning Commission's recommendation for the petition filed by Tara Poole, President, HHNA, to amend the City's Comprehensive Plan 2008-2028, Chapter - 7 Land Use and Development, Map 2. Future Land Use, to change the designated "Future Land Use" of Bay Street from the intersection of Hall Avenue to Gordon's Creek from "Neighborhood Business" to "Neighborhood Conservation District 1"; (Hattiesburg Planning Commission recommended to APPROVE on August 2, 2017); Set a public hearing before City Council at 4:00 p.m. September 18, 2017; and authorize publication of Public Notice setting an Appeal Public Hearing.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: VII.-4

Sponsors:

Enactment Date:

Attachments: Comp Plan Appeal, Public Notice - Public Hearing -
Comp Plan Amendment

Enactment Number:

Contact:

Meeting Date: 08/22/2017

Drafter: Stephen Guthrie

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017					

Text of Legislative File 2017-636

Title

Acknowledge receipt of request filed by Corey Arrington, to appeal the Planning Commission's recommendation for the petition filed by Tara Poole, President, HHNA, to amend the City's Comprehensive Plan 2008-2028, Chapter - 7 Land Use and Development, Map 2. Future Land Use, to change the designated "Future Land Use" of Bay Street from the intersection of Hall Avenue to Gordon's Creek from "Neighborhood Business" to "Neighborhood Conservation District 1"; (Hattiesburg Planning Commission recommended to APPROVE on August 2, 2017); Set a public hearing before City Council at 4:00 p.m. September 18, 2017; and authorize publication of Public Notice setting an Appeal Public Hearing.

Summary

Set Appeal Hearing - City's Comprehensive Plan 2008-2028 - Text Amendment

Budget Information

Expenditure Type

Purchasing Item

Publication Information

Public Notice to set hearing to publish in Hattiesburg American on September 1, 2017 (17 days prior to September 18, 2017 hearing).



Send to:
Pattie Brantley, Director of Urban Development
Dept. of Urban Development
P.O. Box 1898
Hattiesburg, MS 39403
601.545.4591 or fax 601.545.1962

REQUEST TO APPEAL PLANNING COMMISSION RECOMMENDATION

Today's Date:	August 4, 2017
Planning Commission Meeting Date:	August 7, 2017 (Appeals must be made within ten consecutive days of the recommendation)
Name of Property Owner/Petitioner:	Tara Poole
Name of Person Requesting Appeal Hearing:	Corey Arrington
Mailing Address of Person Requesting Appeal Hearing:	814 Southern Ave H'burg MS
Address of Petitioned Property:	Bay St from the intersection of Hall Ave to Gordon's Creek
Petitioner's Request of the Planning Commission:	To change this area from neighborhood business to neighborhood conservation?
Planning Commission's Recommendation:	Approve ☒ or Deny ☐

I/We hereby APPEAL the Planning Commission Recommendation for the above referenced petition and request to hold a Public Hearing before the Hattiesburg City Council.

Appellant (Signature)

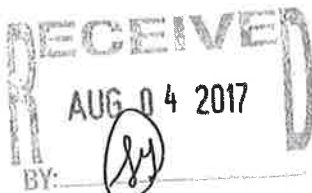
Appellant (signature)

FILED

AUG -4 2017

CITY CLERK

DEPUTY CLERK



BY

PUBLIC HEARING

NOTICE is hereby given that an application has been filed by Tara Poole, President, HHNA, to amend the City's Comprehensive Plan 2008-2028, Chapter – 7 Land Use and Development, Map 2. Future Land Use, to change the designated "Future Land Use" of Bay Street from the intersection of Hall Avenue to Gordon's Creek from "Neighborhood Business" to "Neighborhood Conservation District 1".

After hearing, the Hattiesburg Planning Commission recommended that the petition be APPROVED, and Corey Arrington, being aggrieved with the recommendation, filed a request for hearing before the Mayor and City Council of the City of Hattiesburg, as provided by law.

NOW, THEREFORE, NOTICE IS GIVEN that a public hearing in relation to the petition as hereinabove set forth will be held at 4:00 p.m., Monday, September 18, 2017, in the City Hall Building, Second Floor, City Council Room, 200 Forrest Street, Hattiesburg, Mississippi, at which time and at which said hearing all parties of interest and citizens shall have an opportunity to be heard.

WITNESS my signature and the official seal of said City on this, the 22nd day of August, 2017.

CITY OF HATTIESBURG, MISSISSIPPI

BY: Kermas Eaton /s/
CITY CLERK

(SEAL)

Publish (1) Friday, September 1, 2017
City of Hattiesburg
Return PROOF to City Clerk's Office
P.O. Box 1898
Hattiesburg, MS 39403-1898



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-637

File ID: 2017-637	Type: Regular Agenda Item	Status: Agenda Ready
Version: 1	Reference:	In Control: City Council
Requester: Ginger Maddox		File Created: 08/14/2017
Brief Title: Set Appeal Hearing - 1711 S 28th Avenue		Final Action:
Minute Book Number: MB2017-362		

Title:

Acknowledge receipt of request filed by Joe Wiley, to appeal the Planning Commission's recommendation for the petition filed by Chad Edmonson, Applicant, on behalf of Chad Edmonson, Owner, to change the zoning classification for a certain property located at 1711 S 28th Avenue (Parcel 039K-19-015.00, PPIN 17194, Ward 3) from Section 4.5.3, R-1A (Single Family Residential) District to Section 4.5.8, B-1 (Professional Business) District; (Hattiesburg Planning Commission recommended to APPROVE on August 2, 2017); Set a public hearing before City Council at 4:00 p.m. September 18, 2017; and authorize publication of Public Notice setting an Appeal Public Hearing.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: VII.-5

Sponsors:

Enactment Date:

Attachments: 1711 S 28th Appeal, Public Notice - Public Hearing -
1711 S. 28th Ave Rezone

Enactment Number:

Contact:

Meeting Date: 08/22/2017

Drafter: Stephen Guthrie

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017					

Text of Legislative File 2017-637

Title

Acknowledge receipt of request filed by Joe Wiley, to appeal the Planning Commission's

recommendation for the petition filed by Chad Edmonson, Applicant, on behalf of Chad Edmonson, Owner, to change the zoning classification for a certain property located at 1711 S 28th Avenue (Parcel 039K-19-015.00, PPIN 17194, Ward 3) from Section 4.5.3, R-1A (Single Family Residential) District to Section 4.5.8, B-1 (Professional Business) District; (Hattiesburg Planning Commission recommended to APPROVE on August 2, 2017); Set a public hearing before City Council at 4:00 p.m. September 18, 2017; and authorize publication of Public Notice setting an Appeal Public Hearing.

Summary

Set Appeal Hearing - 1711 S 28th Avenue

Budget Information

Expenditure Type

Purchasing Item

Publication Information

Public NOtice to set hearing to publish in Hattiesburg American on September 1, 2017 (17 days prior to September 18, 2017 hearing).



Send to:
Pattie Brantley, Director of Urban Development
Dept. of Urban Development
P.O. Box 1898
Hattiesburg, MS 39403
601.545.4591 or fax 601.545.1962

REQUEST TO APPEAL PLANNING COMMISSION RECOMMENDATION

Today's Date:	Aug 3, 2017
Planning Commission Meeting Date:	Aug 2, 2017
(Appeals must be made within ten consecutive days of the recommendation)	
Name of Property Owner/Petitioner:	1711 S 28th Ave Ghad Edmonson
Name of Person Requesting Appeal Hearing:	Joe Wiley of Pinehill Neighborhood Association
Mailing Address of Person Requesting Appeal Hearing:	300 Pinehills Dr.
Address of Petitioned Property:	1711 S 28th Ave
Petitioner's Request of the Planning Commission:	Pine hill Neighborhood Association Joe Wiley
Planning Commission's Recommendation:	Approve ☒ or Deny ☐

I/We hereby APPEAL the Planning Commission Recommendation for the above referenced petition and request to hold a Public Hearing before the Hattiesburg City Council.

Joe Wiley
Appellant (signature)

Appellant (signature)



FILED

AUG - 9 2017

CITY CLERK
BY Centric Joe
DEPUTY CLERK

PUBLIC HEARING

NOTICE is hereby given that a petition has been filed by Chad Edmonson, Owner, as required in the Land Development Code, Ord. No. 3209, to change the zoning classification for a certain property located at 1711 S 28th Avenue (Parcel 039K-19-015.00, PPIN 17194, Ward 3) from Section 4.5.3, R-1A (Single Family Residential) District to Section 4.5.8 B-1 (Professional Business) District.

After hearing, the Hattiesburg Planning Commission recommended that the petition be APPROVED, and Joe Wiley, being aggrieved with the recommendation, filed a request for hearing before the Mayor and City Council of the City of Hattiesburg, as provided by law.

NOW, THEREFORE, NOTICE IS GIVEN that a public hearing in relation to the petition as hereinabove set forth will be held at 4:00 p.m., Monday, September 18, 2017, in the City Hall Building, Second Floor, City Council Room, 200 Forrest Street, Hattiesburg, Mississippi, at which time and at which said hearing all parties of interest and citizens shall have an opportunity to be heard.

WITNESS my signature and the official seal of said City on this, the 22nd day of August, 2017.

CITY OF HATTIESBURG, MISSISSIPPI

BY: Kermas Eaton /s/
CITY CLERK

(SEAL)

Publish (1) Friday, September 1, 2017
City of Hattiesburg
Return PROOF to City Clerk's Office
P.O. Box 1898
Hattiesburg, MS 39403-1898



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-631

File ID: 2017-631

Type: Regular Agenda Item

Status: Approved

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 08/14/2017

Brief Title: Authorize submission of 2017 Byrne Grant

Final Action: 08/22/2017

Minute Book Number: MB2017-362

Title:

Authorize submission of 2017 USDOJ Edward Byrne Memorial Justice Assistance Grant in the amount of \$18,795.00 to be shared by City of Hattiesburg with disparate jurisdiction Forrest County (\$11,277.00 Hattiesburg / \$7,518.00 Forrest County).

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: VII.-6

Sponsors:

Enactment Date:

Attachments: MEMORANDUM OF UNDERSTANDING, PUBLIC ANNOUNCEMENT 2017, Budget Summary, Budget Detail Worksheet, City of Hattiesburg Program Narrative, City of Hattiesburg Project Abstract, Budget Narrative, Appendix III, Mississippi JAG Allocations, Financial Management and System of Internal Controls Questionnaire, Certification of Compliance, Certification and Assurances, executed MEMORANDUM OF UNDERSTANDING, executed Certification of Compliance, executed Certification and Assurances

Enactment Number:

Contact:

Meeting Date: 08/22/2017

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017					

Text of Legislative File 2017-631

Title

Authorize submission of 2017 USDOJ Edward Byrne Memorial Justice Assistance Grant in the

amount of \$18,795.00 to be shared by City of Hattiesburg with disparate jurisdiction Forrest County (\$11,277.00 Hattiesburg / \$7,518.00 Forrest County).

Summary

Authorize grant application -2017 USDOJ Edward Byrne Memorial Justice Assistance Grant

Budget Information

Expenditure Type

Grant project, with the City of Hattiesburg agreeing to pay the difference of the cost of four recoil kits in the amount of \$723. The total cost of four recoil kits is \$12,000 and the FY17 Byrne Grant allocates \$11,277 to the City of Hattiesburg. ($\$12,000 - \$11,277 = \$723$)

Purchasing Item

MEMORANDUM OF UNDERSTANDING

City of Hattiesburg, Mississippi

Forrest County, Mississippi

RE: BJA FY17 Edward Byrne Memorial Justice Assistance Grant (JAG) Program – Local Solicitation

This agreement meets the disparate jurisdiction finding requirement as mandated by the U.S. Department of Justice (USDOJ) Edward Byrne Memorial Justice Assistance Grant (JAG).

This Memorandum of Understanding between Forrest County and the City of Hattiesburg covers the Edward Byrne Memorial Justice Assistance Grant 2017 grant cycle in the amount of \$18,795.00. Both the city and the county proposed budgets comply with all USDOJ expenditure guidelines, certifications and assurances for this grant program and should not require any waivers.

The City of Hattiesburg will act as the fiscal agent for USDOJ Edward Byrne Memorial JAG including drawing down funds that will be divided as follows: (60%) Hattiesburg - \$11,277.00; (40%) Forrest County - \$7,518.00.

Chief
Hattiesburg Police Department

Sheriff
Forrest County

Mayor
City of Hattiesburg

Board President
Forrest County

_____Date

PUBLIC ANNOUNCEMENT

The City of Hattiesburg in partnership with Forrest County will receive public comment on the use of an award of \$18,795.00 from the United States Department of Justice for the 2017 Edward Byrne Memorial Justice Assistance Grant (JAG). Comments may be made at the August 21, 2017 meeting of the Hattiesburg City Council.

(Or)

Written comments may be posted to:

Byrne JAG Advisory Committee
c/o Lindsay Coleman, Grant Coordinator
Federal and State Programs Department
P.O. Box 1898
Hattiesburg, MS 39403-1898

Written comments must be postmarked by August 22, 2017.

Budget Summary

Budget Category	Federal Request	Non-Federal Amounts	Total
A. Personnel	\$0	\$0	\$0
B. Fringe Benefits	\$0	\$0	\$0
C. Travel	\$0	\$0	\$0
D. Equipment	\$18,795	\$723	\$19,518
E. Supplies	\$0	\$0	\$0
F. Construction	\$0	\$0	\$0
G. Consultants/Contracts	\$0	\$0	\$0
H. Other	\$0	\$0	\$0
Total Direct Costs	\$0	\$0	\$0
Indirect Costs	\$0	\$0	\$0
TOTAL PROJECT COSTS	\$18,795	\$723	\$19,518

Federal Request	\$18,795
Non-Federal Amount	\$723
Total Project Cost	\$19,518

Title of Project: City of Hattiesburg and Forrest County USDOJ Byrne JAG Grant Project 2017

EQUIPMENT			
Item	Computation		Cost
	Quantity	Cost	
Dell OptiPlex 3050 MT with APC Surge Protector AC120V, Sound-bar and 24" Monitor	2	\$1,095	\$2,190
Toshiba Convo Connect External Drive (3TB) with 2-Year Protection	1	\$110	\$110
Portable Radio with Charger and Jack	1	\$1,842	\$1,842
Letter Openers	4	\$2	\$8
X26P CEW Tasers with Automatic Power Shutdown Power Magazine, X26P Right Hand Holster and 25' XP Field Use Cartridge	3	\$1,123	\$3,368
Glock 22 Recoil Kit	1	\$3,000	\$3,000
M4 Recoil Kit	2	\$3,000	\$6,000
Shotgun Recoil Kit	1	\$3,000	\$3,000
		Federal Total	\$18,795
		Non-Federal Total	\$723

Program Narrative

The City of Hattiesburg is submitting an application on behalf of the City of Hattiesburg and Forrest County for the Edward Byrne Memorial Justice Assistance Grant Program FY 2017 Local Solicitation. The title of the project is City of Hattiesburg and Forrest County USDOJ Byrne JAG Grant Project 2017. The City of Hattiesburg is seeking to use its funds for the purchase of equipment to also improve existing capabilities of the Police Department. The City of Hattiesburg will purchase a Glock 22 Recoil Kit, a Shotgun Recoil Kit and two M4 Recoil Kits to be used for training police officers at the Police and Fire Academy. Forrest County Sheriff's Department is seeking to use its funds to improve existing capabilities. The purchasing of computers with complementary hard drive, radio unit, Tasers with accessories and office equipment will lead to increased efficiency and effectiveness within the unit. All items purchased will be used to combat crime within the county and improve the efforts of the department. The aforementioned qualities will lead to an increase in outreach in the community as well.

Statement of the Problem

The lack of adequate training simulators for the Hattiesburg Police and Fire Academy is the problem that will be addressed through this project. Forrest County Sheriff's Department's problem to be addressed is the lack of updated computers, the need for new Tasers and a radio unit.

Project Design and Implementation

The Hattiesburg Police Department guides its priorities and funding strategy through an evaluation of the needs of the department. The need that is most pressing is the one that is addressed first, while under the direction of the City of Hattiesburg Mayor and City Council. Forrest County Sheriff's Department under the direction of the Forrest County Board of Supervisors and Planning Department coordinate priorities during the budget review process and outline long range plans.

Capabilities and Competencies

The Hattiesburg Police Department works with other local and state agencies on criminal justice and juvenile justice efforts. Forrest County Sheriff's Department has collaborative partnerships with neighboring jurisdictions within the county (City of Hattiesburg and City of Petal) along with agencies such as the 12 Net Narcotics Team, DEA and other law enforcement entities.

Plan for Collecting the Data Required for Performance Measures

The City of Hattiesburg Grant Coordinator will gather, track and document the data required for performance measures. This individual will also enter all the data into BJA's Performance Measurement Tool. The City of Hattiesburg Accounting Division will gather the financial information for reporting purposes.

Project Abstract

The City of Hattiesburg is submitting an application on behalf of the City of Hattiesburg and Forrest County for the Edward Byrne Memorial Justice Assistance Grant Program FY 2017 Local Solicitation. The title of the project is City of Hattiesburg and Forrest County USDOJ Byrne JAG Grant Project 2017. The problem to be addressed through this project is the lack of adequate training simulators for the Hattiesburg Police and Fire Academy. Forrest County Sheriff's Department's problem to be addressed is the lack of updated computers, the need for new Tasers and a radio unit. The targeted area of this project is the City of Hattiesburg and Forrest County. The project's goal is to improve the Hattiesburg Police Department and the Forrest County Sheriff's Departments' existing capabilities. The project's objective is to purchase equipment (four recoil kits, two computers, a hard drive, a portable radio, three Tasers and four letter openers) for the Hattiesburg Police Department and the Forrest County Sheriff's Department, respectively. The project strategy is to purchase and implement the use of the equipment in the Hattiesburg Police Department and the Forrest County Sheriff's Department, respectively. The anticipated outcome is increased capabilities of both the Hattiesburg Police Department and the Forrest County Sheriff's Department. The Hattiesburg Police and Fire Academy's training will be improved by having recoil kits for training simulations. The Forrest County Sheriff's Department will be able to function more efficiently and effectively through the purchase and use of the new equipment. Project identifiers associated with the project area Applied Research Tools, Community Based Programs, Computer Software/Hardware, Corrections, Equipment – General, Equipment- Tactical, Officer Safety, Policing, Public Defense and Training – Use of Force.

Due to a determination that the City of Hattiesburg and Forrest County meet the criteria of a disparate jurisdiction status by USDOJ, the city and county have agreed on how to disperse the funds and that the City of Hattiesburg will act as a fiscal agent for the grant. Both parties have agreed to waive any reimbursement for administrative costs associated with the grant. All funds will be used towards equipment purchases aimed at a programmatic goal of improving delivery of community-oriented policing to residents of the city and county.

As fiscal agent for the grant the City of Hattiesburg will receive the funds and disperse them as follows:

- Forrest County (40%) - \$7,518.00 (100% equipment)
- City of Hattiesburg (60%) - \$11,277.00 (100% equipment)

D. EQUIPMENT NARRATIVE (FEDERAL)

Forrest County will use the two Dell OptiPlex 3050 MT , Toshiba External Drive, Portable Radio, Tasers with accessories and Letter Openers to increase efficiency and effectiveness within the Sheriff's Department. The City of Hattiesburg will use Glock 22 Recoil Kit, M4 Recoil Kit and Shotgun Recoil Kit for training officers at the Police and Fire Academy. These items will used with the previously purchased training simulator. These kits are virtual reality training for skill building and target recognition. The previous, FY 16, Byrne grant provided the City of Hattiesburg with a number of M4 Scout Rifles that will be used with two out of four of these kits.

D. EQUIPMENT NARRATIVE (NON-FEDERAL)

The City of Hattiesburg will provide the remaining amount of the purchase of the four recoil kits. Each kit is a cost of \$3000.00. With the purchase of 4 kits, the total cost comes to \$12,000.00. The City of Hattiesburg is allocated \$11,277.00 from the FY17 Byrne Grant and the disparate jurisdiction fund disbursement agreement with Forrest County. The City of Hattiesburg will pay the remaining amount of \$723 for the purchase of the recoil kits.
(\$12,000 - \$11,277 = \$723)

Appendix III

8 U.S.C. § 1373 (as in effect on June 21, 2017)

Communication between government agencies and the Immigration and Naturalization Service

(a) In general

Notwithstanding any other provision of Federal, State, or local law, a Federal, State, or local government entity or official may not prohibit, or in any way restrict, any government entity or official from sending to, or receiving from, the Immigration and Naturalization Service information regarding the citizenship or immigration status, lawful or unlawful, of any individual.

(b) Additional authority of government entities

Notwithstanding any other provision of Federal, State, or local law, no person or agency may prohibit, or in any way restrict, a Federal, State, or local government entity from doing any of the following with respect to information regarding the immigration status, lawful or unlawful, of any individual:

- (1) Sending such information to, or requesting or receiving such information from, the Immigration and Naturalization Service.
- (2) Maintaining such information.
- (3) Exchanging such information with any other Federal, State, or local government entity.

(c) Obligation to respond to inquiries

The Immigration and Naturalization Service shall respond to an inquiry by a Federal, State, or local government agency, seeking to verify or ascertain the citizenship or immigration status of any individual within the jurisdiction of the agency for any purpose authorized by law, by providing the requested verification or status information.

See *also* provisions set out at (or referenced in) 8 U.S.C. § 1551 note ("Abolition ... and Transfer of Functions")

U.S. DEPARTMENT OF JUSTICE
OFFICE OF JUSTICE PROGRAMS

CERTIFIED STANDARD ASSURANCES

On behalf of the Applicant, and in support of this application for a grant or cooperative agreement, I certify under penalty of perjury to the Office of Justice Programs (OJP), U.S. Department of Justice ("Department"), that all of the following are true and correct:

- (1) I have the authority to make the following representations on behalf of myself and the Applicant. I understand that these representations will be relied upon as material in any OJP decision to make an award to the Applicant based on its application.
- (2) I certify that the Applicant has the legal authority to apply for the federal assistance sought by the application, and that it has the institutional, managerial, and financial capability (including funds sufficient to pay any required non-federal share of project costs) to plan, manage, and complete the project described in the application properly.
- (3) I assure that, throughout the period of performance for the award (if any) made by OJP based on the application—
 - (a) the Applicant will comply with all award requirements and all federal statutes and regulations applicable to the award;
 - (b) the Applicant will require all subrecipients to comply with all applicable award requirements and all applicable federal statutes and regulations; and
 - (c) the Applicant will maintain safeguards to address and prevent any organizational conflict of interest, and also to prohibit employees from using their positions in any manner that poses, or appears to pose, a personal or financial conflict of interest.
- (4) The Applicant understands that the federal statutes and regulations applicable to the award (if any) made by OJP based on the application specifically include statutes and regulations pertaining to civil rights and nondiscrimination, and, in addition—
 - (a) the Applicant understands that the applicable statutes pertaining to civil rights will include section 601 of the Civil Rights Act of 1964 (42 U.S.C. § 2000d); section 504 of the Rehabilitation Act of 1973 (29 U.S.C. § 794); section 901 of the Education Amendments of 1972 (20 U.S.C. § 1881); and section 303 of the Age Discrimination Act of 1975 (42 U.S.C. § 6102);
 - (b) the Applicant understands that the applicable statutes pertaining to nondiscrimination may include section 815(c) of Title I of the Omnibus Crime Control and Safe Streets Act of 1968 (42 U.S.C. § 3789d(c)); section 1407(e) of the Victims of Crime Act of 1984 (42 U.S.C. § 10604(e)); section 289A(b) of the Juvenile Justice and Delinquency Prevention Act of 2002 (42 U.S.C. § 5672(b)); and that the grant condition set out at section 40002(b)(13) of the Violence Against Women Act (42 U.S.C. § 13925(b)(13)) also may apply;
 - (c) the Applicant understands that it must require any subrecipient to comply with all such applicable statutes (and associated regulations); and
 - (d) on behalf of the Applicant, I make the specific assurances set out in 28 C.F.R. §§ 42.105 and 42.204.
- (5) The Applicant also understands that (in addition to any applicable program-specific regulations and to applicable federal regulations that pertain to civil rights and nondiscrimination) the federal regulations applicable to the award (if any) made by OJP based on the application may include, but are not limited to, 2 C.F.R. Part 2800 (the DOJ "Part 200 Uniform Requirements") and 28 C.F.R. Parts 22 (confidentiality - research and statistical information), 23 (criminal intelligence systems), and 46 (human subjects protection).
- (6) I assure that the Applicant will assist OJP as necessary (and will require subrecipients and contractors to assist as necessary) with the Department's compliance with section 106 of the National Historic Preservation Act of 1966 (54 U.S.C. § 306106), the Archeological and Historical Preservation Act of 1974 (54 U.S.C. §§ 312501-312508), and the National Environmental Policy Act of 1969 (42 U.S.C. §§ 4321-4335), and 28 C.F.R. Parts 61 (NEPA) and 63 (floodplains and wetlands).
- (7) I assure that the Applicant will give the Department and the Government Accountability Office, through any authorized representative, access to, and opportunity to examine, all paper or electronic records related to the award (if any) made by OJP based on the application.
- (8) I assure that, if the Applicant is a governmental entity, with respect to the award (if any) made by OJP based on the application—
 - (a) it will comply with the requirements of the Uniform Relocation Assistance and Real Property Acquisitions Act of 1970 (42 U.S.C. §§ 4601-4655), which govern the treatment of persons displaced as a result of federal and federally-assisted programs; and
 - (b) it will comply with requirements of 5 U.S.C. §§ 1501-1508 and 7324-7328, which limit certain political activities of State or local government employees whose principal employment is in connection with an activity financed in whole or in part by federal assistance.

I acknowledge that a materially false, fictitious, or fraudulent statement (or concealment or omission of a material fact) in this certification, or in the application that it supports, may be the subject of criminal prosecution (including under 18 U.S.C. §§ 1001 and/or 1621, and/or 42 U.S.C. § 3795a), and also may subject me and the Applicant to civil penalties and administrative remedies for false claims or otherwise (including under 31 U.S.C. §§ 3729-3730 and 3801-3812). I also acknowledge that OJP awards, including certifications provided in connection with such awards, are subject to review by the Department, including by OJP and by the Department's Office of the Inspector General.

Listed below are all jurisdictions in the state that are eligible for FY 2017 JAG funding, as determined by the JAG formula. For additional details regarding the JAG formula and award calculation process, with examples, please refer to the updated JAG Technical report here: <https://www.bja.gov/jag/pdfs/JAG-Technical-Report.pdf> and current JAG Frequently Asked Questions here: <https://www.bja.gov/Funding/JAGFAQ.pdf>

Finding your jurisdiction:

- (1) Disparate jurisdictions are listed in shaded groups below, in alphabetic order by county.
- (2) Eligible individual allocations are listed alphabetically below the shaded, disparate groupings.
- (3) Counties that have an asterisk (*) under the "Eligible Individual Allocation" column did not submit the level of violent crime data to qualify for a direct award from BJA, but are in the disparate grouping indicated by the shaded area. The JAG legislation requires these counties to remain a partner with the local jurisdictions receiving funds and must be a signatory on the required Memorandum of Understanding (MOU). A sample MOU is provided online at: <https://www.bja.gov/Funding/JAGMOU.pdf>. Disparate jurisdictions do not need to abide by the listed individual allocations, which are provided for information only. Jurisdictions in a funding disparity are responsible for determining individual amounts within the Eligible Joint Allocation and for documenting individual allocations in the MOU.

State	Jurisdiction Name	Government Type	Priority Allocation	Joint Allocation
MS	COAHOMA COUNTY	County	*	
MS	CLARKSDALE CITY	Municipal	\$13,899	\$13,899
MS	DESOTO COUNTY	County	*	
MS	OLIVE BRANCH CITY	Municipal	\$11,687	
MS	SOUTHAVEN CITY	Municipal	\$22,533	\$34,220
MS	FORREST COUNTY	County	*	
MS	HATTIESBURG CITY	Municipal	\$18,795	\$18,795
MS	HARRISON COUNTY	County	\$14,952	
MS	BILOXI CITY	Municipal	\$35,905	
MS	GULFPORT CITY	Municipal	\$26,323	\$77,180
MS	HINDS COUNTY	County	*	
MS	JACKSON CITY	Municipal	\$252,439	\$252,439
MS	LAUDERDALE COUNTY	County	*	
MS	MERIDIAN CITY	Municipal	\$35,642	\$35,642
MS	LEE COUNTY	County	*	
MS	TUPELO CITY	Municipal	\$15,320	\$15,320
MS	LOWNDES COUNTY	County	*	
MS	COLUMBUS CITY	Municipal	\$11,319	\$11,319
MS	MADISON COUNTY	County	*	
MS	CANTON CITY	Municipal	\$12,214	\$12,214
MS	MARSHALL COUNTY	County	*	
MS	HOLLY SPRINGS CITY	Municipal	\$13,530	\$13,530
MS	SUNFLOWER COUNTY	County	*	
MS	INDIANOLA CITY	Municipal	\$12,477	\$12,477
MS	WARREN COUNTY	County	*	
MS	VICKSBURG CITY	Municipal	\$20,111	\$20,111
MS	WASHINGTON COUNTY	County	*	
MS	GREENVILLE CITY	Municipal	\$15,162	\$15,162



U.S. DEPARTMENT OF JUSTICE
OFFICE OF JUSTICE PROGRAMS

OMB Number: 1121-0329
Expiration Date: 12/31/2018

FINANCIAL MANAGEMENT AND SYSTEM OF INTERNAL CONTROLS QUESTIONNAIRE

The financial management system of each non-Federal entity must provide for the following

- Retention requirements for records
- Requests for transfer of records
- Methods for collection, transmission and storage of information
- Access to records
- Restrictions on public access to records

(1) Identification, in its accounts, of all Federal awards received and expended and the Federal programs under which they were received. Federal program and Federal award identification must include, as applicable, the CFDA title and number, Federal award identification number and year, name of the Federal agency, and name of the pass-through entity, if any.

(2) Accurate, current, and complete disclosure of the financial results of each Federal award or program.

(3) Records that identify adequately the source and application of funds for federally-funded activities. These records must contain information pertaining to Federal awards, authorizations, obligations, unobligated balances, assets, expenditures, income and interest and be supported by source documentation.

(4) Effective control over, and accountability for, all funds, property, and other assets. The non-Federal entity must adequately safeguard all assets and assure that they are used solely for authorized purposes.

(5) Comparison of expenditures with budget amounts for each Federal award.

(6) Written procedures to document the receipt and disbursement of Federal funds including procedures to minimize the time elapsing between the transfer of funds from the United States Treasury or the pass-through entity and the disbursement by the non-Federal entity whether the payment is made by electronic funds transfer, or issuance or redemption of checks, warrants, or payment by other means.

(7) Written procedures for determining the allowability of costs.

APPLICANT ORGANIZATIONAL INFORMATION

1. Name of Organization and Address:

Organization Name: **City of Hattiesburg**

Street1: **P.O. Box 1898**

Street2:

City: **Hattiesburg**

State: **MS: Mississippi**

Zip Code: **39403**

2. Authorized Representative's Name and Title:

Prefix:

First Name:

Middle Name:

Lindsay

Last Name:

Suffix:

Coleman

Title:

Grant Coordinator

3. Phone: **(601) 545-6223**

4. Fax: **6015456327**

5. Email: **grntwtr@hattiesburgms.com**

6. Year Established:

1882

7. Employer Identification Number (EIN):

64-6000432

8. DUNS Number:

0794481300000

9. Type of Organization:



State



Municipality



Non-Profit



Higher Education



Tribal



For-Profit



Other:



U.S. DEPARTMENT OF JUSTICE
OFFICE OF JUSTICE PROGRAMS

OMB Number: 1121-0329
Expiration Date: 12/31/2018

AUDIT INFORMATION

An audit is conducted using generally accepted auditing standards (GAAS) or Generally Accepted Governmental Auditing Standards (GAGAS) and results in an audit report with an opinion.

10. The organization has undergone the following types of audit(s) (Please check all that apply):

- ☒ OMB A-133 Single Audit
☒ Financial Statement Audit
☐ Defense Contract Agency Audit (DCAA)
☐ None
☐ Programmatic Audit & Agency:

☐ Other Audit & Agency:

11. Most Recent Audit: ☐ Within the past 12 months ☐ Within the past two years ☒ More than two years

Name of Audit Agency/Firm:

Care, Riggs and Ingram LLC

AUDITOR'S OPINION:

12. On the most recent audit, what was the auditor's opinion?

- ☐ Unqualified Opinion ☒ Qualified Opinion ☐ Disclaimer, Going Concern or Adverse Opinions

Please enter the number of findings:

8

Please enter the amount of questioned costs:

undetermined

Were material weaknesses noted in either the Financial Statement or Single Audit? ☒ Yes ☐ No

ACCOUNTING SYSTEM

13. Which of the following best describes your accounting system:

- ☐ Manual ☐ Automated ☒ Combination

14. Does the accounting system identify the receipt and expenditure of program funds separately for each grant?

☒ Yes ☐ No ☐ Not Sure

15. Does the accounting system provide for the recording of expenditures for each grant/contract by budget cost categories shown in the approved budget?

☒ Yes ☐ No ☐ Not Sure

16. Does your accounting system have the capability to document the recording of cost sharing or match for each grant? Can you determine if documentation is available to support recorded match or cost share?

☒ Yes ☐ No ☐ Not Sure

17. Are time distribution records maintained for each employee that specifically identify effort charged to a particular grant or cost objective?

☒ Yes ☐ No ☐ Not Sure

18. Does the accounting/financial system include budgetary controls to preclude incurring obligations or costs in excess of total funds available or by budget cost category (e.g. Personnel, Travel, etc.)?

☒ Yes ☐ No ☐ Not Sure

19. Is the organization familiar with the existing Federal regulation and guidelines containing the Cost Principles and procedures for the determination and allowance of costs in connection with Federal grants?

☒ Yes ☐ No ☐ Not Sure



U.S. DEPARTMENT OF JUSTICE
OFFICE OF JUSTICE PROGRAMS

OMB Number: 1121-0329
Expiration Date: 12/31/2018

PROPERTY STANDARDS, PROCUREMENT STANDARDS, AND TRAVEL POLICIES

PROPERTY STANDARDS

20. Does your property management system(s) provide for maintaining:
(1) a description of the equipment; (2) an identification number; (3) source
of the property, including the award number; (4) where title vests; (5)
acquisition date; (6) federal share of property cost; (7) location and
condition of the property; (8) acquisition cost; &
(9) ultimate disposition information?

☒ Yes ☐ No ☐ Not Sure

PROCUREMENT STANDARDS

21. Does your organization maintain written procurement procedures which
(1) avoid unnecessary purchases; (2) provide an analysis of lease and
purchase alternatives; and (3) provide a process for soliciting goods and
services?

☒ Yes ☐ No ☐ Not Sure

22. Does your procurement system provide for the conduct to determine
selection on a competitive basis and documentation of cost or price
analysis for each procurement action?

☒ Yes ☐ No ☐ Not Sure

23. Does your procurement system include provisions for checking the
"Excluded Parties List" system for suspended or debarred sub-grantees
and contractors, prior to award? Please visit www.sam.gov.

☐ Yes ☒ No ☐ Not Sure

TRAVEL POLICY

24. Does your organization:

(a) maintain a standard travel policy?

☒ Yes ☐ No

(b) adhere to the Federal Travel Regulation? (FTR)

☒ Yes ☐ No

SUBRECIPIENT MANAGEMENT AND MONITORING

25. (For Pass-through entities only). Does your organization have controls
in place to monitor activities of subrecipients, as necessary, to determine
that Federal awards are used for authorized purposes in compliance with
laws, regulations, and the provisions of the award and that performance
goals are achieved (2 CFR200)?

☐ Yes ☒ No ☐ Not Sure
☐ N/A (Your organization does not
make subawards.)

STANDARDS FOR FINANCIAL MANAGEMENT SYSTEMS AND APPLICANT CERTIFICATION

I certify that the above information is complete and correct to the best of my knowledge. This document must be certified by
the organization's Authorized Representative, Executive Director, Chief Financial Officer, Chairman of the Board of Directors,
or similar position.

Name:

Lindsay Coleman

Date: 2017-08-11

Title:

☐ Executive Director

☐ Chief Financial Officer

☐ Chairman

☒ Other Authorized Representative

Phone:

(601) 545-6223

**U.S. DEPARTMENT OF JUSTICE
OFFICE OF JUSTICE PROGRAMS**

State or Local Government: FY 2017 Certification of Compliance with 8 U.S.C. § 1373

On behalf of the applicant government entity named below, and in support of its application, I certify under penalty of perjury to the Office of Justice Programs ("OJP"), U.S. Department of Justice ("USDOJ"), that all of the following are true and correct:

- (1) I am the chief legal officer of the State or local government of which the applicant entity named below is a part ("the jurisdiction"), and I have the authority to make this certification on behalf of the jurisdiction and the applicant entity (that is, the entity applying directly to OJP). I understand that OJP will rely upon this certification as a material representation in any decision to make an award to the applicant entity.
- (2) I have carefully reviewed 8 U.S.C. § 1373(a) and (b), including the prohibitions on certain actions by State and local government entities, -agencies, and -officials regarding information on citizenship and immigration status. I also have reviewed the provisions set out at (or referenced in) 8 U.S.C. § 1551 note ("Abolition ... and Transfer of Functions"), pursuant to which references to the "Immigration and Naturalization Service" in 8 U.S.C. § 1373 are to be read, as a legal matter, as references to particular components of the U.S. Department of Homeland Security.
- (3) I (and also the applicant entity) understand that the U.S. Department of Justice will require States and local governments (and agencies or other entities thereof) to comply with 8 U.S.C. § 1373, with respect to any "program or activity" funded in whole or in part with the federal financial assistance provided through the FY 2017 OJP program under which this certification is being submitted ("the FY 2017 OJP Program" identified below), specifically including any such "program or activity" of a governmental entity or -agency that is a subrecipient (at any tier) of funds under the FY 2017 OJP Program.
- (4) I (and also the applicant entity) understand that, for purposes of this certification, "program or activity" means what it means under title VI of the Civil Rights Act of 1964 (see 42 U.S.C. § 2000d-4a), and that terms used in this certification that are defined in 8 U.S.C. § 1101 mean what they mean under that section 1101, except that the term "State" also shall include American Samoa (cf. 42 U.S.C. § 901(a)(2)). Also, I understand that, for purposes of this certification, neither a "public" institution of higher education (i.e., one that is owned, controlled, or directly funded by a State or local government) nor an Indian tribe is considered a State or local government entity or -agency.
- (5) I have conducted (or caused to be conducted for me) a diligent inquiry and review concerning both—
 - (a) the "program or activity" to be funded (in whole or in part) with the federal financial assistance sought by the applicant entity under this FY 2017 OJP Program; and
 - (b) any prohibitions or restrictions potentially applicable to the "program or activity" sought to be funded under the FY 2017 OJP Program that deal with sending to, requesting or receiving from, maintaining, or exchanging information of the types described in 8 U.S.C. § 1373(a) or (b), whether imposed by a State or local government entity, -agency, or -official.
- (6) As of the date of this certification, neither the jurisdiction nor any entity, agency, or official of the jurisdiction has in effect, purports to have in effect, or is subject to or bound by, any prohibition or any restriction that would apply to the "program or activity" to be funded in whole or in part under the FY 2017 OJP Program (which, for the specific purpose of this paragraph 6, shall not be understood to include any such "program or activity" of any subrecipient at any tier), and that deals with either— (1) a government entity or -official sending or receiving information regarding citizenship or immigration status as described in 8 U.S.C. § 1373(a); or (2) a government entity or -agency sending to, requesting or receiving from, maintaining, or exchanging information of the types (and with respect to the entities) described in 8 U.S.C. § 1373(b).

I acknowledge that a materially false, fictitious, or fraudulent statement (or concealment or omission of a material fact) in this certification, or in the application that it supports, may be the subject of criminal prosecution (including under 18 U.S.C. §§ 1001 and/or 1621, and/or 42 U.S.C. § 3795a), and also may subject me and the applicant entity to civil penalties and administrative remedies for false claims or otherwise (including under 31 U.S.C. §§ 3729-3730 and §§ 3801-3812). I also acknowledge that OJP awards, including certifications provided in connection with such awards, are subject to review by USDOJ, including by OJP and by the USDOJ Office of the Inspector General.

Signature of Chief Legal Officer of the Jurisdiction

Printed Name of Chief Legal Officer

Date of Certification

Title of Chief Legal Officer of the Jurisdiction

City of Hattiesburg

Name of Applicant Government Entity (i.e., the applicant to the FY 2017 OJP Program identified below)

FY 2017 OJP Program: Byrne Justice Assistance Grant ("JAG") Program

**U.S. DEPARTMENT OF JUSTICE
OFFICE OF JUSTICE PROGRAMS**

**Edward Byrne Justice Assistance Grant Program
FY 2017 Local Solicitation**

**Certifications and Assurances
by the Chief Executive of the Applicant Government**

On behalf of the applicant unit of local government named below, in support of that locality's application for an award under the FY 2017 Edward Byrne Justice Assistance Grant ("JAG") Program, and further to 42 U.S.C. § 3752(a), I certify under penalty of perjury to the Office of Justice Programs ("OJP"), U.S. Department of Justice ("USDOJ"), that all of the following are true and correct:

1. I am the chief executive of the applicant unit of local government named below, and I have the authority to make the following representations on my own behalf and on behalf of the applicant unit of local government. I understand that these representations will be relied upon as material in any OJP decision to make an award, under the application described above, to the applicant unit of local government.
2. I certify that no federal funds made available by the award (if any) that OJP makes based on the application described above will be used to supplant local funds, but will be used to increase the amounts of such funds that would, in the absence of federal funds, be made available for law enforcement activities.
3. I assure that the application described above (and any amendment to that application) was submitted for review to the governing body of the unit of local government (e.g., city council or county commission), or to an organization designated by that governing body, not less than 30 days before the date of this certification.
4. I assure that, before the date of this certification— (a) the application described above (and any amendment to that application) was made public; and (b) an opportunity to comment on that application (or amendment) was provided to citizens and to neighborhood or community-based organizations, to the extent applicable law or established procedure made such an opportunity available.
5. I assure that, for each fiscal year of the award (if any) that OJP makes based on the application described above, the applicant unit of local government will maintain and report such data, records, and information (programmatic and financial), as OJP may reasonably require.
6. I certify that— (a) the programs to be funded by the award (if any) that OJP makes based on the application described above meet all the requirements of the JAG Program statute (42 U.S.C. §§ 3750-3758); (b) all the information contained in that application is correct; (c) in connection with that application, there has been appropriate coordination with affected agencies; and (d) in connection with that award (if any), the applicant unit of local government will comply with all provisions of the JAG Program statute and all other applicable federal laws.
7. I have examined certification entitled "State or Local Government: FY 2017 Certification of Compliance with 8 U.S.C. § 1373" executed by the chief legal officer of the applicant government with respect to the FY 2017 JAG program and submitted in support of the application described above, and I hereby adopt that certification as my own on behalf of that government.

I acknowledge that a materially false, fictitious, or fraudulent statement (or concealment or omission of a material fact) in this certification, or in the application that it supports, may be the subject of criminal prosecution (including under 18 U.S.C. §§ 1001 and/or 1821, and/or 42 U.S.C. § 3795a), and also may subject me and the applicant unit of local government to civil penalties and administrative remedies for false claims or otherwise (including under 31 U.S.C. §§ 3720-3730 and §§ 3801-3812). I also acknowledge that OJP awards, including certifications provided in connection with such awards, are subject to review by USDOJ, including by OJP and by the USDOJ Office of the Inspector General.

Signature of Chief Executive of the Applicant Unit of
Local Government

Date of Certification

Printed Name of Chief Executive

Title of Chief Executive

Name of Applicant Unit of Local Government

MEMORANDUM OF UNDERSTANDING

City of Hattiesburg, Mississippi

Forrest County, Mississippi

RE: BJA FY17 Edward Byrne Memorial Justice Assistance Grant (JAG) Program – Local Solicitation

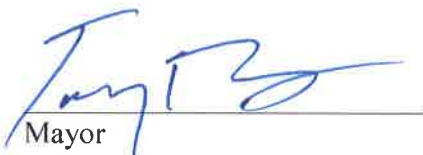
This agreement meets the disparate jurisdiction finding requirement as mandated by the U.S. Department of Justice (USDOJ) Edward Byrne Memorial Justice Assistance Grant (JAG).

This Memorandum of Understanding between Forrest County and the City of Hattiesburg covers the Edward Byrne Memorial Justice Assistance Grant 2017 grant cycle in the amount of \$18,795.00. Both the city and the county proposed budgets comply with all USDOJ expenditure guidelines, certifications and assurances for this grant program and should not require any waivers.

The City of Hattiesburg will act as the fiscal agent for USDOJ Edward Byrne Memorial JAG including drawing down funds that will be divided as follows: (60%) Hattiesburg - \$11,277.00; (40%) Forrest County - \$7,518.00.

Chief
Hattiesburg Police Department

Sheriff
Forrest County



Mayor
City of Hattiesburg

Board President
Forrest County

8-22-17 Date

**U.S. DEPARTMENT OF JUSTICE
OFFICE OF JUSTICE PROGRAMS**

State or Local Government: FY 2017 Certification of Compliance with 8 U.S.C. § 1373

On behalf of the applicant government entity named below, and in support of its application, I certify under penalty of perjury to the Office of Justice Programs ("OJP"), U.S. Department of Justice ("USDOJ"), that all of the following are true and correct:

- (1) I am the chief legal officer of the State or local government of which the applicant entity named below is a part ("the jurisdiction"), and I have the authority to make this certification on behalf of the jurisdiction and the applicant entity (that is, the entity applying directly to OJP). I understand that OJP will rely upon this certification as a material representation in any decision to make an award to the applicant entity.
- (2) I have carefully reviewed 8 U.S.C. § 1373(a) and (b), including the prohibitions on certain actions by State and local government entities, -agencies, and -officials regarding information on citizenship and immigration status. I also have reviewed the provisions set out at (or referenced in) 8 U.S.C. § 1551 note ("Abolition ... and Transfer of Functions"), pursuant to which references to the "Immigration and Naturalization Service" in 8 U.S.C. § 1373 are to be read, as a legal matter, as references to particular components of the U.S. Department of Homeland Security.
- (3) I (and also the applicant entity) understand that the U.S. Department of Justice will require States and local governments (and agencies or other entities thereof) to comply with 8 U.S.C. § 1373, with respect to any "program or activity" funded in whole or in part with the federal financial assistance provided through the FY 2017 OJP program under which this certification is being submitted ("the FY 2017 OJP Program" identified below), specifically including any such "program or activity" of a governmental entity or -agency that is a subrecipient (at any tier) of funds under the FY 2017 OJP Program.
- (4) I (and also the applicant entity) understand that, for purposes of this certification, "program or activity" means what it means under title VI of the Civil Rights Act of 1964 (see 42 U.S.C. § 2000d-4a), and that terms used in this certification that are defined in 8 U.S.C. § 1101 mean what they mean under that section 1101, except that the term "State" also shall include American Samoa (*cf.* 42 U.S.C. § 901(a)(2)). Also, I understand that, for purposes of this certification, neither a "public" institution of higher education (*i.e.*, one that is owned, controlled, or directly funded by a State or local government) nor an Indian tribe is considered a State or local government entity or -agency.
- (5) I have conducted (or caused to be conducted for me) a diligent inquiry and review concerning both—
 - (a) the "program or activity" to be funded (in whole or in part) with the federal financial assistance sought by the applicant entity under this FY 2017 OJP Program; and
 - (b) any prohibitions or restrictions potentially applicable to the "program or activity" sought to be funded under the FY 2017 OJP Program that deal with sending to, requesting or receiving from, maintaining, or exchanging information of the types described in 8 U.S.C. § 1373(a) or (b), whether imposed by a State or local government entity, -agency, or -official.
- (6) As of the date of this certification, neither the jurisdiction nor any entity, agency, or official of the jurisdiction has in effect, purports to have in effect, or is subject to or bound by, any prohibition or any restriction that would apply to the "program or activity" to be funded in whole or in part under the FY 2017 OJP Program (which, for the specific purpose of this paragraph 6, shall not be understood to include any such "program or activity" of any subrecipient at any tier), and that deals with either— (1) a government entity or -official sending or receiving information regarding citizenship or immigration status as described in 8 U.S.C. § 1373(a); or (2) a government entity or -agency sending to, requesting or receiving from, maintaining, or exchanging information of the types (and with respect to the entities) described in 8 U.S.C. § 1373(b).

I acknowledge that a materially false, fictitious, or fraudulent statement (or concealment or omission of a material fact) in this certification, or in the application that it supports, may be the subject of criminal prosecution (including under 18 U.S.C. §§ 1001 and/or 1621, and/or 42 U.S.C. § 3795a), and also may subject me and the applicant entity to civil penalties and administrative remedies for false claims or otherwise (including under 31 U.S.C. §§ 3729-3730 and §§ 3801-3812). I also acknowledge that OJP awards, including certifications provided in connection with such awards, are subject to review by USDOJ, including by OJP and by the USDOJ Office of the Inspector General.


Signature of Chief Legal Officer of the Jurisdiction

Randy Pope
Printed Name of Chief Legal Officer

8-22-17
Date of Certification

City Attorney
Title of Chief Legal Officer of the Jurisdiction

City of Hattiesburg
Name of Applicant Government Entity (*i.e.*, the applicant to the FY 2017 OJP Program identified below)

FY 2017 OJP Program: Byrne Justice Assistance Grant ("JAG") Program

U.S. DEPARTMENT OF JUSTICE
OFFICE OF JUSTICE PROGRAMS

Edward Byrne Justice Assistance Grant Program
FY 2017 Local Solicitation

Certifications and Assurances
by the Chief Executive of the Applicant Government

On behalf of the applicant unit of local government named below, in support of that locality's application for an award under the FY 2017 Edward Byrne Justice Assistance Grant ("JAG") Program, and further to 42 U.S.C. § 3752(a), I certify under penalty of perjury to the Office of Justice Programs ("OJP"), U.S. Department of Justice ("USDOJ"), that all of the following are true and correct:

1. I am the chief executive of the applicant unit of local government named below, and I have the authority to make the following representations on my own behalf and on behalf of the applicant unit of local government. I understand that these representations will be relied upon as material in any OJP decision to make an award, under the application described above, to the applicant unit of local government.
2. I certify that no federal funds made available by the award (if any) that OJP makes based on the application described above will be used to supplant local funds, but will be used to increase the amounts of such funds that would, in the absence of federal funds, be made available for law enforcement activities.
3. I assure that the application described above (and any amendment to that application) was submitted for review to the governing body of the unit of local government (e.g., city council or county commission), or to an organization designated by that governing body, not less than 30 days before the date of this certification.
4. I assure that, before the date of this certification— (a) the application described above (and any amendment to that application) was made public; and (b) an opportunity to comment on that application (or amendment) was provided to citizens and to neighborhood or community-based organizations, to the extent applicable law or established procedure made such an opportunity available.
5. I assure that, for each fiscal year of the award (if any) that OJP makes based on the application described above, the applicant unit of local government will maintain and report such data, records, and information (programmatic and financial), as OJP may reasonably require.
6. I certify that— (a) the programs to be funded by the award (if any) that OJP makes based on the application described above meet all the requirements of the JAG Program statute (42 U.S.C. §§ 3750-3758); (b) all the information contained in that application is correct; (c) in connection with that application, there has been appropriate coordination with affected agencies; and (d) in connection with that award (if any), the applicant unit of local government will comply with all provisions of the JAG Program statute and all other applicable federal laws.
7. I have examined certification entitled "State or Local Government: FY 2017 Certification of Compliance with 8 U.S.C. § 1373" executed by the chief legal officer of the applicant government with respect to the FY 2017 JAG program and submitted in support of the application described above, and I hereby adopt that certification as my own on behalf of that government.

I acknowledge that a materially false, fictitious, or fraudulent statement (or concealment or omission of a material fact) in this certification, or in the application that it supports, may be the subject of criminal prosecution (including under 18 U.S.C. §§ 1001 and/or 1021, and/or 42 U.S.C. § 3705a), and also may subject me and the applicant unit of local government to civil penalties and administrative remedies for false claims or otherwise (including under 31 U.S.C. §§ 3729-3730 and §§ 3801-3812). I also acknowledge that OJP awards, including certifications provided in connection with such awards, are subject to review by USDOJ, including by OJP and by the USDOJ Office of the Inspector General.


Signature of Chief Executive of the Applicant Unit of
Local Government

Toby Barker
Printed Name of Chief Executive
City of Hattiesburg
Name of Applicant Unit of Local Government

8-22-17
Date of Certification
Mayor
Title of Chief Executive



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-634

File ID: 2017-634

Type: Regular Agenda Item

Status: Agenda Ready

Version: 3

Reference:

In Control: City Council

Requester: La'Keylah White

File Created: 08/14/2017

Brief Title: Memorandum for CDBG Program Claim.

Final Action:

Minute Book Number: MB2017-362

Title:

Approve and authorize issuance of manual check for CDBG Program Claim per the attached memorandum. {Entitlement CDBG}

Notes:

Agenda Date: 08/22/2107

Indexes:

Agenda Number: VII.-7

Sponsors:

Enactment Date:

Attachments: August 22, 2017 CDBG Program Claims

Enactment Number:

Contact:

Meeting Date: 08/22/2107

Drafter: Clarence Williams

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
3	City Council	08/22/2017					

Text of Legislative File 2017-634

Title

Approve and authorize issuance of manual check for CDBG Program Claim per the attached memorandum. {Entitlement CDBG}

Summary

Memorandum for CDBG Program Claim. {Entitlement CDBG}

Budget Information

Expenditure Type

Purchasing Item

Publication Information

[

MEMORANDUM

TO: City of Hattiesburg Council Members

FROM: La'Keylah White
Department of Federal & State Programs

SUBJECT: Authorize issuance of manual check for CDBG Program Claim.

DATE: August 22, 2017

Recipient:	Breakthrough Community Services
Activity:	Emergency/Minor Home Repair
Program:	CDBG
Project Site:	507 Miller Street
Amount Requested:	\$1,330.00
Purpose of Request:	Payment Request #2
Work Provided by:	Bradley Construction

Recipient:	Breakthrough Community Services
Activity:	Interim Assistance (Utility Payment Assistance)
Program:	CDBG
Project Site:	1313 Country Club Road
Amount Requested:	\$765.11
Purpose of Request:	Payment Request #5
Work Provided by:	Breakthrough Community Services



"Breaking the Shackles of Poverty through Services"

Breakthrough Community Services, Inc.

1313 Country Club Road

Hattiesburg, MS 39401

P 601-582-3475

F 601-582-0149

INVOICE

REIMBURSEMENT

BILL TO:

City of Hattiesburg

Department of Federal & State Programs

P. O. Box 1898, Hattiesburg, MS 39401

Phone: 601.545.4558

Project	Contractor	Property Address	Invoice	Date
Emergency Repair	Bradley Construction	507 Miller Street	02	August 4, 2017

Quantity	Description	Unit Price	Total
1	Emergency Repair work – see invoice attached for repairs listed Interior roof repairs completed (per the work write-up & inspection)		1,330.00
			\$1,330.00

Make all checks payable to **Breakthrough Community Services, Inc.**

THANK YOU FOR YOUR BUSINESS!

Bradley Construction Co. LLC

Billy Bradley
4117 Hwy 26 W
Lucedale, MS 39452
(601)947-0604

To: Breakthrough Community Service Inc.
1313 Country Club Road
Hattiesburg, MS 39401

Homeowner: Wanda Watts
507 Miller Street
Hattiesburg, MS

INVOICE

1. Remove and replace approx. 72 sq. ft. of sheetrock in den and mud, tape finish and paint ceiling approx. 1147 sq. ft.: \$650
2. Retape spot in living room ceiling and paint ceiling: \$325
3. Retape spot in bedroom ceiling across from living room and paint ceiling: \$325
4. Change 2" pipe jack: \$30

Total Of Labor & Material: \$1,330 Invoice Date: 08/04/2017

A handwritten signature in black ink that reads "Billy Bradley". The signature is written in a cursive, flowing style with a long, sweeping underline.

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1558

Vendor: Bradley Construction Date: 08/04/2017 Amount: 1,330.00 1558
For: Draw Request #2-507 Miller Street
INVOICE INVOICE INVOICE INVOICE DIST.
DATE NUMBER DESCRIPTION AMOUNT ACCOUNT DIST.
08/04/2017 4 Draw Request #2-507 Mill 1,330.00 002999 1,330.00

ORIGINAL DOCUMENT PRINTED ON CHEMICAL REACTIVE PAPER WITH MICROPRINTED BORDER

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT
TAX ID #31-1676092
1313 COUNTRY CLUB ROAD
HATTIESBURG, MISSISSIPPI 39401

TRUSTMARK NATIONAL BANK
HATTIESBURG, MISSISSIPPI

1558

NUMBER

85-27/653

1558

DATE

AMOUNT

08/04/2017

*****1,330.00

ONE THOUSAND THREE HUNDRED THIRTY DOLLARS AND NO CENTS

PAY
TO THE
ORDER
OF

Bradley Construction
4117 Highway 26 West
Lucedale MS 39452

[Signature]
[Signature]

For: Draw Request #2-507 Miller Street

THIS DOCUMENT CONTAINS HEAT SENSITIVE INK. TOUCH OR PRESS HERE. RED IMAGE DISAPPEARS WITH HEAT.

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1558

1558

Vendor: Bradley Construction Date: 08/04/2017 Amount: 1,330.00
For: Draw Request #2-507 Miller Street
INVOICE INVOICE INVOICE INVOICE DIST.
DATE NUMBER DESCRIPTION AMOUNT ACCOUNT DIST.
08/04/2017 4 Draw Request #2-507 Mill 1,330.00 002999 1,330.00



"Breaking the Shackles of Poverty Through Services"

Breakthrough Community Services, Inc.

1313 Country Club Road

Hattiesburg, MS 39401

P 601-582-3475

F 601-582-0149

INVOICE

REIMBURSEMENT

BILL TO:

City of Hattiesburg

Department of Federal & State Programs

P. O. Box 1898, Hattiesburg, MS 39401

Phone: 601.545.4558

Project	Invoice	Billing Period
Interim Assistance – Utility Assistance Program	05	June 28, 2017 – July 27, 2017

Quantity	Description	Unit Price	Total
1	Reimbursement for Utility Assistance Program – Interim Assistance *Assisted 8 Individuals who met HUD's limited clientele definition. These individuals were all below 30-50% of income guideline limits and (1) 62 or older and/or (2) disabled. Proof of income and disability is verified.	1	765.11
			\$ 765.11

Make all checks payable to **Breakthrough Community Services, Inc.**

THANK YOU FOR YOUR BUSINESS!

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1549

1549

Vendor: Hattiesburg Water and Sewer System

Date: 08/02/2017

Amount: 100.00

For: Angela Maxwell Acct #59571

INVOICE	INVOICE	INVOICE
DATE	NUMBER	DESCRIPTION
08/02/2017	1212018	Angela Maxwell

INVOICE	DIST.
AMOUNT	ACCOUNT
100.00	

DIST.
AMOUNT
100.00

ORIGINAL DOCUMENT PRINTED ON REMOVABLE PAPER WITH MICR PRINTED BORDER

BREAKTHROUGH COMMUNITY SERVICES, INC.

COUNSELING & EDUCATION ACCOUNT

TAX ID #31-1676092

1313 COUNTRY CLUB ROAD

HATTIESBURG, MISSISSIPPI 39401

TRUSTMARK NATIONAL BANK
HATTIESBURG, MISSISSIPPI

85-27/653

1549

NUMBER

1549

DATE

08/02/2017

AMOUNT

*****100.00

PAY
TO THE
ORDER
OF

ONE HUNDRED DOLLARS AND NO CENTS

Hattiesburg Water and Sewer System
P.O. Box 1897
Hattiesburg MS 39403

For: Angela Maxwell

[Handwritten Signature]

THIS DOCUMENT CONTAINS SENSITIVE INFO. TO CHECK FOR THIS, RED IMAGE SHOULD APPEAR WITH REPLY.

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1549

1549

Vendor: Hattiesburg Water and Sewer System

Date: 08/02/2017

Amount: 100.00

For: Angela Maxwell Acct #59571

INVOICE	INVOICE	INVOICE
DATE	NUMBER	DESCRIPTION
08/02/2017	1212018	Angela Maxwell Acct #59571

INVOICE	DIST.
AMOUNT	ACCOUNT
100.00	050129

DIST.
AMOUNT
100.00

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1550

Vendor: Mississippi Power Company

Date: 08/02/2017 Amount: 92.84 1550

For: Gladys Jemison

INVOICE DATE	INVOICE NUMBER	INVOICE DESCRIPTION
08/02/2017	7112042	Gladys Jemison

INVOICE AMOUNT	DIST. ACCOUNT
92.84	

DIST. AMOUNT
92.84

BREAKTHROUGH COMMUNITY SERVICES, INC.

COUNSELING & EDUCATION ACCOUNT

TAX ID #31-1676092

1313 COUNTRY CLUB ROAD
HATTIESBURG, MISSISSIPPI 39401

TRUSTMARK NATIONAL BANK
HATTIESBURG, MISSISSIPPI

1550

NUMBER

85-27/653

1550

DATE

AMOUNT

08/02/2017

*****92.84

NINETY TWO DOLLARS AND EIGHTY FOUR CENTS

PAY
TO THE
ORDER
OF

Mississippi Power Company
420 West Pine Street
Hattiesburg MS 39401

[Handwritten Signature]

For: Gladys Jemison

THIS DOCUMENT CONTAINS HEAT SENSITIVE INK. TOUCH OR PRESS HERE. RED IMAGE DISAPPEARS WITH HEAT.

[Redacted area]

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1550

1550

Vendor: Mississippi Power Company

Date: 08/02/2017 Amount: 92.84

For: Gladys Jemison

INVOICE DATE	INVOICE NUMBER	INVOICE DESCRIPTION
08/02/2017	7112042	Gladys Jemison

INVOICE AMOUNT	DIST. ACCOUNT
92.84	050129

DIST. AMOUNT
92.84

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1551

1551

Vendor: Mississippi Power Company
For: Minnie Robinson Acct#43281-88089

Date: 08/02/2017 Amount: 100.00

INVOICE DATE	INVOICE NUMBER	INVOICE DESCRIPTION	INVOICE AMOUNT	DIST. ACCOUNT	DIST. AMOUNT
08/02/2017	7112043	Minnie Robinson	100.00		100.00

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT
TAX ID #31-1676092
1313 COUNTRY CLUB ROAD
HATTIESBURG, MISSISSIPPI 39401

TRUSTMARK NATIONAL BANK
HATTIESBURG, MISSISSIPPI

1551

NUMBER

86-27/653

1551

DATE AMOUNT
08/02/2017 *****100.00

PAY
TO THE
ORDER
OF

ONE HUNDRED DOLLARS AND NO CENTS

Mississippi Power Company
420 West Pine Street
Hattiesburg MS 39401

Minnie Robinson

For: Minnie Robinson Acct#

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1551

1551

Vendor: Mississippi Power Company
For: Minnie Robinson Acct#43281-88089

Date: 08/02/2017 Amount: 100.00

INVOICE DATE	INVOICE NUMBER	INVOICE DESCRIPTION	INVOICE AMOUNT	DIST. ACCOUNT	DIST. AMOUNT
08/02/2017	7112043	Minnie Robinson Acct#43281	100.00	050129	100.00

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1552

Vendor: Mississippi Power Company Date: 08/02/2017 Amount: 100.00
For: Pansy Cephus Acct # 32761-83020
INVOICE INVOICE INVOICE INVOICE DIST.
DATE NUMBER DESCRIPTION AMOUNT ACCOUNT DIST.
08/02/2017 7112044 Pansy Cephus Acct # 100.00 100.00

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT
TAX ID #31-1676092
1313 COUNTRY CLUB ROAD
HATTIESBURG, MISSISSIPPI 39401

TRUSTMARK NATIONAL BANK
HATTIESBURG, MISSISSIPPI

1552

NUMBER

85-27/653

1552

DATE AMOUNT
08/02/2017 *****100.00

PAY
TO THE
ORDER
OF

ONE HUNDRED DOLLARS AND NO CENTS

Mississippi Power Company
420 West Pine Street
Hattiesburg MS 39401

M. R. Keys

For: Pansy Cephus Acct #

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1552

1552

Vendor: Mississippi Power Company Date: 08/02/2017 Amount: 100.00
For: Pansy Cephus Acct # 32761-83020
INVOICE INVOICE INVOICE INVOICE DIST.
DATE NUMBER DESCRIPTION AMOUNT ACCOUNT DIST.
08/02/2017 7112044 Pansy Cephus Acct # 3276: 100.00 050129 100.00

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1553

1553

Vendor: Mississippi Power Company
For: Cleo Johnson Acct # 94551-81002

Date: 08/02/2017 Amount: 100.00

INVOICE DATE	INVOICE NUMBER	INVOICE DESCRIPTION	INVOICE AMOUNT	DIST. ACCOUNT	DIST. AMOUNT
08/02/2017	7112045	Cleo Johnson Acct # [REDACTED]	100.00	[REDACTED]	100.00

ORIGINAL DOCUMENT PRINTED ON CHEMICAL REACTIVE PAPER WITH MICR MARKED ORDER

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT
TAX ID #31-1676092
1313 COUNTRY CLUB ROAD
HATTIESBURG, MISSISSIPPI 39401

TRUSTMARK NATIONAL BANK
HATTIESBURG, MISSISSIPPI

1553

NUMBER

85-27/653

1553

DATE	AMOUNT
08/02/2017	*****100.00

PAY
TO THE
ORDER
OF

ONE HUNDRED DOLLARS AND NO CENTS

Mississippi Power Company
420 West Pine Street
Hattiesburg MS 39401

[Handwritten Signature]

For: Cleo Johnson Acct # [REDACTED]

THE DOCUMENT CONTAINS TREAT SENSITIVE INK. TOUCH OR PRESS HERE - RED IMAGE DISAPPEARS WITH HEAT.

SAFEGUARD SECURE
MICROFILM
1553

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1553

1553

Vendor: Mississippi Power Company
For: Cleo Johnson Acct # 94551-81002

Date: 08/02/2017 Amount: 100.00

INVOICE DATE	INVOICE NUMBER	INVOICE DESCRIPTION	INVOICE AMOUNT	DIST. ACCOUNT	DIST. AMOUNT
08/02/2017	7112045	Cleo Johnson Acct # 9455:	100.00	050129	100.00

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1554

1554

Vendor: Mississippi Power Company
For: Tama McGill Acct # 17899-59147

Date: 08/02/2017 Amount: 100.00

INVOICE INVOICE INVOICE
DATE NUMBER DESCRIPTION
08/02/2017 7112046 Tama McGill Acct # [REDACTED]

INVOICE DIST.
AMOUNT ACCOUNT
100.00 [REDACTED]

DIST.
AMOUNT
100.00

ORIGINAL DOCUMENT PRINTED ON SPECIAL REACTIVE PAPER WITH MICROBURNED BORDER

BREAKTHROUGH COMMUNITY SERVICES, INC.

COUNSELING & EDUCATION ACCOUNT

TAX ID #31-1676092

1313 COUNTRY CLUB ROAD
HATTIESBURG, MISSISSIPPI 39401

TRUSTMARK NATIONAL BANK
HATTIESBURG, MISSISSIPPI

1554

NUMBER

85-27/653

1554

DATE

08/02/2017

AMOUNT

*****100.00

ONE HUNDRED DOLLARS AND NO CENTS

PAY
TO THE
ORDER
OF

Mississippi Power Company
420 West Pine Street
Hattiesburg MS 39401

[Handwritten Signature]

For: Tama McGill Acct # [REDACTED]

THIS DOCUMENT CONTAINS HEAT SENSITIVE INK. TOUCH OR PRESS HERE. RE-IMAGE DOES NOT APPEAR WITH HEAT.

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1554

1554

Vendor: Mississippi Power Company
For: Tama McGill Acct # 17899-59147

Date: 08/02/2017 Amount: 100.00

INVOICE INVOICE INVOICE
DATE NUMBER DESCRIPTION
08/02/2017 7112046 Tama McGill Acct # 17899

INVOICE DIST.
AMOUNT ACCOUNT
100.00 050129

DIST.
AMOUNT
100.00

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1555

Vendor: Mississippi Power Company Date: 08/02/2017 Amount: 30.48
For: Nariade Taylor-Jones Acct# 40341-88142
INVOICE INVOICE INVOICE INVOICE DIST.
DATE NUMBER DESCRIPTION AMOUNT ACCOUNT DIST.
08/02/2017 7112047 Nariade Taylor-Jones Acc# 30.48 30.48

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT
TAX ID #31-1676092
1313 COUNTRY CLUB ROAD
HATTIESBURG, MISSISSIPPI 39401

TRUSTMARK NATIONAL BANK
HATTIESBURG, MISSISSIPPI

1555

NUMBER

85-27/653

1555

DATE AMOUNT
08/02/2017 *****30.48

PAY
TO THE
ORDER
OF

THIRTY DOLLARS AND FORTY EIGHT CENTS

Mississippi Power Company
420 West Pine Street
Hattiesburg MS 39401

[Handwritten Signature]

For: Nariade Taylor-Jones Acct#

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1555

1555

Vendor: Mississippi Power Company Date: 08/02/2017 Amount: 30.48
For: Nariade Taylor-Jones Acct# 40341-88142
INVOICE INVOICE INVOICE INVOICE DIST.
DATE NUMBER DESCRIPTION AMOUNT ACCOUNT DIST.
08/02/2017 7112047 Nariade Taylor-Jones Acc# 30.48 050129 30.48

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1556

1556

Vendor: Mississippi Power Company
For: Gladys Lehn Acct# 43281-88089

Date: 08/02/2017 Amount: 41.79

INVOICE INVOICE INVOICE
DATE NUMBER DESCRIPTION
08/02/2017 7112048 Gladys Lehn Acct# [REDACTED]

INVOICE DIST.
AMOUNT ACCOUNT
41.79 [REDACTED]

DIST.
AMOUNT
41.79

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT
TAX ID #31-1676092
1313 COUNTRY CLUB ROAD
HATTIESBURG, MISSISSIPPI 39401

TRUSTMARK NATIONAL BANK
HATTIESBURG, MISSISSIPPI

1556

NUMBER

85-27/653

1556

DATE
08/02/2017

AMOUNT
*****41.79

FORTY ONE DOLLARS AND SEVENTY NINE CENTS

PAY
TO THE
ORDER
OF

Mississippi Power Company
420 West Pine Street
Hattiesburg MS 39401

[Handwritten Signature]

For: Gladys Lehn Acct# [REDACTED]

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1556

1556

Vendor: Mississippi Power Company
For: Gladys Lehn Acct# 43281-88089

Date: 08/02/2017 Amount: 41.79

INVOICE INVOICE INVOICE
DATE NUMBER DESCRIPTION
08/02/2017 7112048 Gladys Lehn Acct# 43281-

INVOICE DIST.
AMOUNT ACCOUNT
41.79 050129

DIST.
AMOUNT
41.79

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1557

1557

Vendor: Mississippi Power Company
For: Jessie McGilvery Acct # 53531-83002

Date: 08/02/2017 Amount: 100.00

INVOICE DATE	INVOICE NUMBER	INVOICE DESCRIPTION	INVOICE AMOUNT	DIST. ACCOUNT	DIST. AMOUNT
08/02/2017	7112049	Jessie McGilvery Acct # [REDACTED]	100.00 [REDACTED]		100.00

ORIGINAL DOCUMENT PRINTED ON CHEMICAL RESISTANT PAPER WITH MICROPRINTED BORDER

BREAKTHROUGH COMMUNITY SERVICES, INC.

COUNSELING & EDUCATION ACCOUNT

TAX ID #31-1676092

1313 COUNTRY CLUB ROAD

HATTIESBURG, MISSISSIPPI 39401

TRUSTMARK NATIONAL BANK
HATTIESBURG, MISSISSIPPI

1557

NUMBER

85-27/663

1557

DATE

08/02/2017

AMOUNT

*****100.00

ONE HUNDRED DOLLARS AND NO CENTS

PAY
TO THE
ORDER
OF

Mississippi Power Company
420 West Pine Street
Hattiesburg MS 39401

[Handwritten Signature]

For: Jessie McGilvery Acct # [REDACTED]

THIS DOCUMENT CONTAINS HEAT SENSITIVE INK. STAMPS OR PRESS HERE TO REMOVE IMAGE OR SIGNATURE WITHIN 24 HOURS.

BREAKTHROUGH COMMUNITY SERVICES, INC.
COUNSELING & EDUCATION ACCOUNT

1557

1557

Vendor: Mississippi Power Company
For: Jessie McGilvery Acct # 53531-83002

Date: 08/02/2017 Amount: 100.00

INVOICE DATE	INVOICE NUMBER	INVOICE DESCRIPTION	INVOICE AMOUNT	DIST. ACCOUNT	DIST. AMOUNT
08/02/2017	7112049	Jessie McGilvery Acct # 53531-83002	100.00	050129	100.00



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-648

File ID: 2017-648

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 08/16/2017

Brief Title: NTB- Maintenance of Generators.
Maintenance on Generators

Final Action:

Minute Book Number: MB2017-362

Title:

Approve Specifications and Authorize Publication of Advertisement for Maintenance on Generators at City Owned Facilities, for the City of Hattiesburg Public Works Department.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: VII.-8

Sponsors:

Enactment Date:

Attachments: NTB- Generators, SPECS- Generators

Enactment Number:

Contact:

Meeting Date:

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017					

Text of Legislative File 2017-648

Title

Approve Specifications and Authorize Publication of Advertisement for Maintenance on Generators at City Owned Facilities, for the City of Hattiesburg Public Works Department.

Summary

Maintenance on Generators at City owned Facilities.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

NOTICE TO BIDDERS

NOTICE is hereby given that the Mayor and Council of the City of Hattiesburg, Mississippi will receive sealed bids until 10:00 A.M., Thursday, September 21, 2017, in the City Clerk's Office in the City Hall of said City for furnishing the City's requirements of the following:

MAINTENANCE ON GENERATORS AT CITY OWNED FACILITIES.

The above shall bid upon and delivered as per detailed specifications on file in the Office of the City Clerk, P. O. Box 1898, 200 Forrest Street, Hattiesburg, Mississippi, 39403-1898, (601) 545-4552, which may be obtained upon request.

Each BID must be received in a sealed envelope which is marked in the lower left-hand corner with the word "BID" and the NAME OF ITEM on which bid is being made and the DATE OF BID OPENING.

The lowest and best bid received will be accepted, subject to the provisions of Section 31-7-13 of the Mississippi Code of 1972, Annotated as Amended, and other applicable State law; but the Council reserves the right to reject any or all bids received and to waive informalities.

PUBLISHED by Order of the Council on this, the 22nd day of August, 2017.

CITY OF HATTIESBURG, MISSISSIPPI

BY: Kermas Eaton/s/
CITY CLERK

(S E A L)

Publish 9/1/2017 & 9/8/2017

**CITY OF HATTIESBURG
PUBLIC WORKS DEPARTMENT
GENERATOR MAINTENANCE SYSTEMS
BID SPECIFICATIONS**

☒	Lube, oil and filter change (Once/year)
☒	Fuel Filter Change (Once/year)
☐	Engine tune-up with parts (Once/year)
☒	Clean air filter (Once/year)
☒	Check coolant level
☒	Test anti-freeze and adjust
☒	Inspect belts condition
☒	Check engine heater operation
☒	Inspect air intakes and outlets
☐	Check transfer tank operation
☒	Drain exhaust line
☒	Inspect silencer
☒	Check battery charger operation and charging rate
☒	Check batter electrolyte levels and specific gravity
☒	Emergency system operation without load transfer
☒	*Emergency system operation with load transfer (If allowed)
☒	Frequency check/governor adjustment
☒	**Confirm transfer switch and accessory operation

☒	Check alternator charge rate
☒	Confirm engine and generator gauge operation
☒	Confirm generator controller operation including shutdown functions and emergency stop
☒	Check unit output voltage and adjust as necessary
☒	**Check paralleling equipment operation
☒	Check Fuel Tank Level
☒	Inspect fuel line and electrical connections
☐	Annual Fuel Analysis (Optional \$ _____)
☐	Annual Coolant Analysis (Optional \$ _____)
☐	Annual Oil Analysis (Optional \$ _____)
☐	Annual ASTM Testing \$ _____
☐	Check Leak Alarm (Optional \$ _____/Year)
☐	Annual Resistive Load Bank Test 0 Hour (Optional Every Year \$ _____)
☐	Annual Resistive Load Bank 0 Hour (Optional Every 3 Years \$ _____)

Manufacturer/KW	Model	Serial Number	Location	Semi-Annual Bid Price	Annual Bid Price
Onan 200KW	DSHAC-5767975	F060936065	USM Tank & Well Hillcrest	\$	\$
Onan 200KW	DSHAC-5767973	F060936064	USM Well 4 th St	\$	\$
Onan 150KW	DSHAA-5767988	F060936057	USM Stadium	\$	\$
Onan 200KW	DSHAC-5767985	F060936053	C.E. Roy Community Center	\$	\$
Onan 200KW	DSHAC-5767984	F060936052	Jackie Doyle Sherill	\$	\$
Onan 125KW	125REZG	2263543	Fire Station #1	\$	\$
Onan 35KW	GGFD-5767986	F060936055	Fire Station #2	\$	\$
Onan 35KW	GGFD-5768050	F060936408	Fire Station #3	\$	\$
Onan 42KW	GGFE-5767987	F060936054	Fire Station #4	\$	\$
Onan 35KW	GGFD-5768140	F060937217	Fire Station #5	\$	\$
Onan 70KW	GGHF-5779575	K060990702	Fire Station #6	\$	\$
Onan 64KW	N70FPG4	LM642121	Fire Station #7	\$	\$
Kohler 100KW	100RZG	2008167	Fire Station #8	\$	\$
Onan 100KW	GGHH-5872342	G070079011	Fire Training Academy	\$	\$
Onan 150KW	DSHA-5768197	F060936404	Ben McNair Rec Center	\$	\$
Onan 80KW	80DGDA	F060938751	Jervis Mims Station	\$	\$
Onan 80KW	80DGDA	F060939467	Richburg Tank	\$	\$
Onan 60KW	GGHE-5767958	F060936056	W.U. Bill Sigler Com Center	\$	\$

Onan 125KW	DGDK	F060939951	Industrial Tank Booster Station	\$	\$
Onan 125KW	DGDK	F060939950	Green Hut Station	\$	\$
Onan 125KW	DGDK-5768277	F060939949	Turtle Creek Crossing Station	\$	\$
Onan 60KW	GGHE-5768147	F060983714	Water Billing Dept.	\$	\$
Onan 60KW	GGHE-5768146	F060938713	City Engineering Office	\$	\$
Onan 230KW	DGFS-5768668	F060943072	WP #2 Wells #5	\$	\$
Onan 40KW	DGBC-5768677	G060943077	Mammoth Springs Station	\$	\$
Onan 40KW	DGBC-5768676	G060943076	Pine Tree Station	\$	\$
Onan 40KW	DGCA-5768675	G060943075	Turtle Creek Station	\$	\$
Onan 150KW	DGFA	G060943073	USA Yeast Station	\$	\$
Onan 150KW	DGFA-5768674	G060943074	City Hall	\$	\$
Onan 250KW	DQDAA	H060956343	East Laurel Pumping Station	\$	\$
Onan 40KW	DGBC-5768687	G060943082	40KW Portable	\$	\$
Onan 60KW	DGCB-5768679	G060943081	60KW Portable	\$	\$
Kohler	400REOZOD	2339547	Wesley Tank & Well	\$	\$
Onan 1500KW	DFLE-5769657	K060988691	Water Plant #1	\$	\$
Onan 750KW	DGFA-5768636	J060984004	Water Plant #2	\$	\$
Taylor 200KW	TD200	25438	HWY 98	\$	\$
Taylor 200KW	DS200M2	20157	Lincoln Rd	\$	\$
Kohler 125KW	125ROZ71	277850	South Lagoon Burkett	\$	\$
Kohler 20KW	20ROZJ	605955	Grounds Maintenance	\$	\$
Taylor 60KW	TG60	24630	Construction	\$	\$
Taylor 350KW	TD350	22835	Public Works	\$	\$
Taylor 80KW	TD80C311P	23544	Public Works-Portable	\$	\$
Kohler 80KW	80ROXI	600190	Sanitation	\$	\$
Taylor 125KW	TG125	22896	Airport-Hanger #3	\$	\$
Cummins	DGHDB-1337370	I130564176	SLS 63 rd St	\$	\$
Onan/Cummins	DGCA-5768681	G060943078	SLS Railroad Ave	\$	\$
Cummins/Onan	DQDAA-5768838	H060956338	SLS North Lagoon	\$	\$
Kohler 250KW	250REOZV	GM24720-GA3/2008832	Police Headquarters	\$	\$
Cummins/Onan	GGHE-5767958	F060936056	PARA Admin	\$	\$
Cummins/Onan	DGCB-5768693	G060943079	WTP #2 Office	\$	\$
Taylor 350KW	TD350	22835	Maintenance Facility	\$	\$
Taylor 500KW	TD500	22836	YMCA	\$	\$
Taylor 100KW	TD100	22834	ZOO	\$	\$
Generic	QT03542ANAN	4874284	Highland Cemetery	\$	\$
CAT 500KW		3851519	Train Depot	\$	\$
Taylor 150KW			Chain Airport	\$	\$

TOTAL \$ \$

FOR EMERGENCY SITUATIONS, CONTRACTOR AGREES TO RESPOND WITHIN 2-6 HOURS OF MAINTENANCE REQUEST TO RESTORE GENERATOR FUNCTION.

Maintenance Services

- Contractor shall maintain and service the System, consisting of the equipment owned by customer and incorporate reference in accordance with schedule of services described on the above.
- Contractor shall provide schedule preventive maintenance, with the schedule to be based on the specific needs of the Equipment as determined by Contractor.
- Contractor may provide order remedial maintenance and/or testing at Customer's request, as and when needed.
- Service Maintenance and/or testing may include, without limitation, lubrication, adjustments, testing and replacement of parts and components deemed necessary by Contractor.
- Schedule Maintenance shall include those items of service and/or testing described in the list above and to be performed by Contractor.
- Other maintenance and/or testing requested by Customer and not described in the list above and shall include those items of service requested by Customer and agreed upon by Contractor.

Parts

- Contractor shall finish parts as necessary at Contractor's then current scheduled price or on an exchange basis, regardless of when installed and such parts shall be either new or equivalent to new in performance when used in the Equipment.

Charges

- Charges for periodic maintenance described in the list above



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-646

File ID: 2017-646

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Darnelle Larremore

File Created: 08/15/2017

Brief Title: Term Bid Item 4 Athletic Uniforms for Parks & Rec

Final Action:

Minute Book Number: MB2017-363

Title:

Approve Specifications and Authorize Publication of Advertisement for Term Bid Item #4 Athletic Uniforms for Parks & Recreation for Bid Term beginning October 1, 2017 through September 30, 2019.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: VII.-9

Sponsors:

Enactment Date:

Attachments: Item 4 Athletic Uniforms Parks Rec, Notice to Bidders - Item 4 Athletic Uniforms Parks Rec

Enactment Number:

Contact:

Meeting Date:

Drafter: Darnelle Larremore

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017					

Text of Legislative File 2017-646

Title

Approve Specifications and Authorize Publication of Advertisement for Term Bid Item #4 Athletic Uniforms for Parks & Recreation for Bid Term beginning October 1, 2017 through September 30, 2019.

Summary

Term Bid- Athletic Uniforms for Parks & Rec.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

SPECIFICATIONS FOR ITEM #4: ATHLETIC UNIFORMS FOR PARKS AND RECREATION DEPARTMENT

Bidder shall bid on furnishing the athletic uniform items as listed herein, which meet or exceed the following specifications, to-wit:

Football Jersey Uniforms

100% Polyester Tricot Mesh, Pro-Tricot Body, 100% Polyester DAZZLE, Double Ply Yoke, & Single Ply Sleeves. 90%/polyester/10% Spandex jersey, PRO-STRETCH side inserts, "V" neck collar & sleeve cuffs, Matching color collar and cuff, contrast color side through shoulder inserts, Double needle hemmed bottom, cover-stitched for optimum durability, Bar-tacked stress points, full length body.

Colors shall be available in multi selection options

Vendor shall provide individual jersey printing with Two color Logo/Team Name, Number on Front of Jersey and Number on Back of jersey and numbers/or Logo on right & left shoulder area. Vendor shall coordinate with City of Hattiesburg for exact logo design & jersey layout.

All designs/layouts must be approved by City of Hattiesburg prior to printing

Sizes shall be bid:

Youth XS ,S, M, L, XL

Adult S, M, L, XL, 2XL, 3XL, 4XL

Cheerleader Uniforms

Top- 100% polyester double knit, Ladies' fit, V-Neck, Contrast color triangular side panels with two-color rib trim

Bottom-100% polyester double knit, Ladies Fit, Covered elastic waistband, front left V-Notch on bottom with two-color Trim

Colors shall be available in multi selection options

Vendor shall provide printing with Two-color Logo/Team Name on Front.

Vendor shall coordinate with City of Hattiesburg for exact logo design & layout.

All designs/layouts must be approved by City of Hattiesburg prior to printing

Sizes shall be bid:

Youth XS, S, M, L, XL

Adult S, M, L, XL, 2XL, 3XL

Basketball Uniforms

Z-CLOTH, 100% polyester, interlock fabric has a silky smooth feel, is lightweight, snag resistant and durable. Jersey is reversible, Double needle hemmed bottom, Allows optimum decorating options, sleeveless, matching color armholes, Contrasting mitered "V" neck,

Vendor shall provide individual jersey printing with Two-color Logo/Team Name, Number on Front of Jersey and Number on Back of jersey. Vendor shall coordinate with City of Hattiesburg for exact logo design & jersey layout.

Colors shall be available in multi selection options

All designs/layouts must be approved by City of Hattiesburg prior to printing

Sizes shall be bid:

Youth XS, S, M, L, XL

Adult S, M, L, XL, 2XL, 3XL, 4XL

Baseball Jersey Uniform

100% Extreme dura light mesh cationic/wicking knit colorfast, heat sealed label, one row self-fabric collar, set-in sleeves, 2-button jersey

Colors shall be available in multi selection options

Vendor shall provide individual jersey printing with Two color Logo/Team Name on Front of Jersey and Number on Back of jersey. Vendor shall coordinate with City of Hattiesburg for exact logo design & jersey layout.

All designs/layouts must be approved by City of Hattiesburg prior to printing.

Softball Jersey Uniform

100% Extreme dura light mesh cationic/wicking knit colorfast, heat sealed label, one row self-fabric collar, 2-button jersey, , set-in sleeves or Sleeveless

Colors shall be available in multi selection options

Vendor shall provide individual jersey printing with Two- color Logo/Team Name on Front of Jersey and Number on Back of jersey. Vendor shall coordinate with City of Hattiesburg for exact logo design & jersey layout.

All designs/layouts must be approved by City of Hattiesburg prior to printing

Sizes shall be bid:

Youth XS, S, M, L, XL

Adult S, M, L, XL, 2XL, 3XL, 4XL

Track Jersey Uniform

100% polyester wicking knit, heat sealed label, self-fabric collar, set-in sleeves

Colors shall be available in multi selection options

Vendor shall provide individual jersey printing with Two- color Logo/Team Name on Front of Jersey.

Vendor shall coordinate with City of Hattiesburg for exact logo design & jersey layout.

All designs/layouts must be approved by City of Hattiesburg prior to printing

Sizes shall be bid:

Youth XS, S, M, L, XL

Adult S, M, L, XL, 2XL, 3XL, 4XL

Baseball Cap/Hat

Jersey Mesh Hook/Loop Tape Closure, Structured, Mid to Low Crown, Pre-curved Visor,

Colors shall be available in multi selection options

Vendor shall provide individual printing with Two- color Logo/Team Name on Front of Cap. Vendor shall coordinate with City of Hattiesburg for exact logo design & cap layout.

Sizes shall be bid:

Adult

Youth

All designs/layouts must be approved by City of Hattiesburg prior to printing

Softball Visor

Jersey Mesh Hook/Loop Tape Closure,

Colors shall be available in multi selection options

Vendor shall provide individual printing with Two- color Logo/Team Name on Front of Visor. Vendor shall coordinate with City of Hattiesburg for exact logo design & cap layout.

Sizes shall be bid:

Adult

Youth

All designs/layouts must be approved by City of Hattiesburg prior to printing

Socks

Profeet 273, acrylic multi-sport, cushioned tube sock

Colors shall be available in multi selection options

Sizes shall be bid:

Adult & Youth

Pompoms

Spirt Pompom with ¾"x6" plastic streamer, approximately 1000 streamers per pompom, batons handle

Colors shall be available in multi selection options

SPECIFICATIONS APPROVED BY:

Each bidder shall submit bid prices utilizing this form only.

CHEERLEADER UNIFORMS

SIZE	COST EACH
YOUTH EXTRA SMALL	
YOUTH SMALL	
YOUTH MEDIUM	
YOUTH LARGE	
YOUTH EXTRA LARGE	
TOTAL	

BASKETBALL UNIFORMS

SIZE	COST EACH
YOUTH EXTRA SMALL	
YOUTH SMALL	
YOUTH MEDIUM	
YOUTH LARGE	
YOUTH EXTRA LARGE	
ADULT SMALL	
ADULT MEDIUM	
ADULT LARGE	
ADULT EXTRA LARGE	
ADULT 2-EXTRA LARGE	
ADULT 3-EXTRA LARGE	
ADULT 4-EXTRA LARGE	
TOTAL	

BASEBALL CAP/HAT

SIZE	COST EACH
YOUTH	
ADULT	
TOTAL	

SOFTBALL VISOR

SIZE	COST EACH
YOUTH	
ADULT	
TOTAL	

SOCKS

SIZE	COST PER PAIR
YOUTH	
ADULT	
TOTAL	

POMPOMS

PRICE PER SET	
---------------	--

TOTAL PRICE OF ALL ITEMS	
---------------------------------	--

COMPANY NAME: _____

COMPANY ADDRESS: _____

COMPANY PHONE/FAX: _____

COMPANY OFFICIAL'S NAME (printed): _____

COMPANY OFFICIAL'S SIGNATURE: _____

DATE: _____

PAYMENT TERMS: Remittance within forty-five (45) days from satisfactory delivery of goods and/or receipt of invoice(s).

PRICES shall be FIRM for a period beginning October 1, 2017, and ending March 31, 2019; items to be purchased as required with a City of Hattiesburg Purchase Order.

SEALED bids will be received until 10:00 a.m., Thursday, September 21, 2017, in the City Clerk's Office in the City Hall, P.O. Box 1898, 200 Forrest Street, Hattiesburg, Mississippi, 39403-1898, (601) 545-4552, for furnishing the City's requirements of the above item. It shall be the responsibility of all bidders to have their bids delivered to the location listed in these specifications and/or Notice to Bidders on or before the date and time specified. The City of Hattiesburg shall not be responsible for any bid sent via U.S. Mail or any other mail courier service which is delivered or received after the date and time listed in said specifications and/or Notice to Bidders.

Each BID must be received in a sealed envelope which is clearly marked in the lower left-hand corner **EXACTLY** as follows:

BID
ITEM #4, ATHLETIC UNIFORMS FOR PARKS AND RECREATION DEPARTMENT
SUBMITTED BY 10:00 AM, THURSDAY, September 21, 2017

The lowest and best bid received will be accepted, subject to the provision of Section 31-7-13 of the Mississippi Code of 1972, Annotated as Amended, and other applicable State law; the council reserves the right to reject any and all bids received and to waive informalities.

APPROVED on this the 22nd day of August, 2017.

BY: _____
CITY CLERK

(SEAL)

NOTICE TO BIDDERS

NOTICE is hereby given that the Mayor and Council of the City of Hattiesburg, Mississippi will receive sealed bids until 10:00 A.M., Thursday, September 21, 2017, in the City Clerk 's Office in the City Hall of said City for furnishing the City=s requirements of the following supplies, to wit:

ITEM #4 ATHLETIC UNIFORMS FOR PARKS AND RECREATION DEPARTMENT

The above shall bid upon and delivered as per detailed specifications on file in the Office of the City Clerk, P. O. Box 1898, 200 Forrest Street, Hattiesburg, Mississippi, 39403-1898, (601) 545-4552, which may be obtained upon request.

Each BID must be received in a sealed envelope which is marked in the lower left-hand corner with the word ABID@ and the NAME OF ITEM on which bid is being made and the DATE OF BID OPENING.

The lowest and best bid received will be accepted, subject to the provisions of Section 31-7-13 of the Mississippi Code of 1972, Annotated as Amended, and other applicable State law; but the Council reserves the right to reject any or all bids received and to waive informalities.

PUBLISHED by Order of the Council on this, the 22nd day of August, 2017.

CITY OF HATTIESBURG, MISSISSIPPI

BY:

CITY CLERK

(S E A L)



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-635

File ID: 2017-635

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Deborah Bourne

File Created: 08/14/2017

Brief Title: Grave Space Buy-Back- W 1/2 of the SE 1/4, Lot 86,
Secton 29, Highland Cemetery.

Final Action:

Minute Book Number: MB2017-363

Title:

Approve the City's Purchase from Bonnie Roberts of one (1) Grave space, located in the West Half (W1/2) of the Southeast Quarter (SE1/4), Lot 86, Section 29, at Highland Cemetery, MB#2004-5/503-521, in the amount of \$ 175.00; Authorize manual check for the same.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: VII.-10

Sponsors:

Enactment Date:

Attachments: Bonnie Roberts- Buy Back (08-22-2017)

Enactment Number:

Contact:

Meeting Date: 08/22/2017

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017					

Text of Legislative File 2017-635

Title

Approve the City's Purchase from Bonnie Roberts of one (1) Grave space, located in the West Half (W1/2) of the Southeast Quarter (SE1/4), Lot 86, Section 29, at Highland Cemetery, MB#2004-5/503-521, in the amount of \$ 175.00; Authorize manual check for the same.

Summary

Grave Space buyback - Bonnie Roberts.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

Date: 08/02/2017

To whom it may concern:

I, Bonnie Roberts am requesting to sell back (1) grave space

(s) located at Highland Cemetery, in Section 29, Lot 86, W 1/2 of the SE 1/4, to the

City of Hattiesburg, which was purchased on Sept. 21, 2004 at the price of

\$ 175.⁰⁰ per grave space. MB# 2004-5/503-521

Sincerely,

Bonnie Roberts

Mail to:

934 Edgewood DR.

Horner, LA. 71040

Phone#

318-624-4372

Att: Deborah Bourne

OK
Deborah Bourne
08/07/2017

Trice
115 39440

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 9-21 2004

SOLE TO: Mr. Mrs. Miss Bonnie Roberts

ADDRESS 109 Springhill Drive Hattiesburg MS

Desires to purchase the grave space described below, subject to Cemetery regulations.

98 Lot No. 86 Section No. 29 in Hickory Hill Cemetery.

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

check 1359

CITY OF HATTIESBURG, MISSISSIPPI

By Nelson K. Hutto
Superintendent of City Cemeteries

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Bonnie Roberts, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

West Half (W $\frac{1}{2}$)

of the

Southeast Quarter (SE $\frac{1}{4}$)

Lot Number: 86

Section Number: 29

according to the Cemetery Survey of the City of Hattiesburg,
Mississippi known as Highland Cemetery, and containing
One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 2nd day of November, 2004.

ATTEST:

Eddie R. Myers
CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI

Johnny L. DuPree
MAYOR

(SEAL)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Johnny L. DuPree and Eddie R. Myers, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 2nd day of November, 2004.

My Commission Expires:

Marilyn T. Schwartz
NOTARY PUBLIC

Notary Public State of Mississippi At Large
My Commission Expires July 24, 2007



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-641

File ID: 2017-641

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Deborah Bourne

File Created: 08/15/2017

Brief Title: Approve the sale of grave spaces, per attached memo's

Final Action:

Minute Book Number: MB2017-363

Title:

Approve the sale of grave spaces, per attached memos.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: VII.-11

Sponsors:

Enactment Date:

Attachments: Memos & Receipts (8-22-2017), Deeds 8-22-17, executed Deeds 8-22-17

Enactment Number:

Contact:

Meeting Date: 08/22/2017

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017					

Text of Legislative File 2017-641

Title

Approve the sale of grave spaces, per attached memos.

Summary

Sale of grave spaces.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

To: CITY COUNCIL

From: Deborah Bourne, Assistant Division Manager of Cemeteries

Date: August 4, 2017

The following represents the grave spaces sold on August 4, 2017

Lamar Roberts, III

(2) Spaces \$ 350.00

Southeast Quarter (SE $\frac{1}{4}$)

Lot 35, Section 36, Highland Cemetery

Alice Minor

(1) Space \$ 175.00

North Half (N $\frac{1}{2}$) of the Northeast Quarter (NE $\frac{1}{4}$)

Lot 53, Section 25, Highland Cemetery

Deborah B. Smith

(2) Spaces \$ 350.00

Northwest Quarter (NW $\frac{1}{4}$)

Lot 41, Section 36, Highland Cemetery

Johnny Coleman

(1) Space \$ 175.00

South Half (S $\frac{1}{2}$) of the Northeast Quarter (NE $\frac{1}{4}$)

Lot 22, Section 34, Highland Cemetery

Cassie Mae Robinson

(1) Space \$ 175.00

South Half (S $\frac{1}{2}$) of the Southwest Quarter (SW $\frac{1}{4}$)

Lot 32, Section 35, Highland Cemetery

Virginia Ross

(1) Space \$ 175.00

North Half (N ½) of the Northwest Quarter (NW ¼)

Lot 38, Section 34, Highland Cemetery

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 07-26 2017

SOLD TO:

Mr.. Mrs. Miss Lamar Roberts III

ADDRESS 8 James D. Clark Drive Hattiesburg, MS

desires to purchase the grave space described below, subject to Cemetery regulations.

SE 1/2 Lot No. 35 Section No. 36 in Highland Cemetery

Number of grave spaces 2 Price per grave space \$ 175.00

Price Received \$ 350.00

cash

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 07/26 2017

SOLD TO:

Mr.. Mrs. Miss Alice Thindor

ADDRESS 1206 Scott Street Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

N 1/2 NE Lot No. 53 Section No. 25 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

cash

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 7/28 2017

SOLD TO:

Mr.. Mrs. Miss Dekorah B. Smith

ADDRESS 31 Augusta Court West Hattiesburg, MS

desires to purchase the grave space described below, subject to Cemetery regulations.

NW 1/2 Lot No. 41 Section No. 36 in Highland Cemetery

Number of grave spaces 2 Price per grave space \$ 175.00

Price Received \$ 350.00

cash

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 07/28 2017

SOLD TO:

Mr.. Mrs. Miss Johnny Coleman

ADDRESS 913 Boby Street Hattiesburg, ms 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

S NE 1/4 Lot No. 22 Section No. 34 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

CK #8355

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 07-28 2017

SOLD TO:

Mr.. Mrs. Miss Cassie Mae Robinson

ADDRESS 508 Columbia Street Hattiesburg, ms 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

S SW 1/4 Lot No. 32 Section No. 35 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

CK #8355

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]
Supt. of City Cemeteries

mailto:

126 West Cherry St.

Petal, ms

39465

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 07-28 2017

SOLD TO:

Mr.. Mrs. Miss Virginia Ross

ADDRESS 5752 Hwy 49 S., Hattiesburg, ms 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

N 1/2 NW 1/4 Lot No. 38 Section No. 34 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

CK #8355

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]
Supt. of City Cemeteries

To: CITY COUNCIL

From: Deborah Bourne, Assistant Division Manager of Cemeteries

Date: August 9, 2017

The following represents the grave spaces sold on August 9, 2017

John Martin

(2) Spaces \$ 350.00

Northwest Quarter (NW1/4)

Lot 96, Section 36, Highland Cemetery

John Martin

(1) Space \$ 175.00

North Half (N1/2) of the Southwest Quarter (SW1/4)

Lot 96, Section 36, Highland Cemetery

Patricia Ferrell

(2) Spaces \$ 350.00

Southeast Quarter (SE1/4)

Lot 68, Section 3, Highland Cemetery

Patricia Ferrell

(1) Space \$ 175.00

East Half (E1/2) of the Southwest Quarter (SW ¼)

Lot 68, Section 3, Highland Cemetery

Janet Baucum & Cody Patrick

(1) Space \$ 175.00

North Half (N1/2) of the Southwest Quarter (SW1/4)

Lot 89, Section 36, Highland Cemetery

Janet Baucum & Cody Patrick

(2) Spaces \$ 350.00

Northwest Quarter (NW1/4)

Lot 89, Section 36, Highland Cemetery

Janet Baucum & Cody Patrick

(1) Space \$ 175.00

North Half (N1/2) of the Northeast Quarter (NE1/4)

Lot 89, Section 36, Highland Cemetery

Janet Baucum & Cody Patrick

(2) Spaces \$ 350.00

Southwest Quarter (SW1/4)

Lot 83, Section 36, Highland Cemetery

Janet Baucum and Cody Patrick

(1) Space \$ 175.00

South Half (S1/2) of the Southeast Quarter (SE1/4)

Lot 83, Section 36, Highland Cemetery

Janet Baucum and Cody Patrick

(1) Space \$ 175.00

South Half (S1/2) of the Northwest Quarter (NW1/4)

Lot 83, Section 36, Highland Cemetery

mail to:
89 JM Burge Rd
Hattiesburg, ms
39402

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 08-04 2017

SOLD TO:

Mr.. Mrs. Miss John Martin

ADDRESS 205 Bay Street Hattiesburg, ms 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

1/2 NW 1/4 Lot No. 96 Section No. 36 in Highland Cemetery

Number of grave spaces 2 Price per grave space \$ 175.00

Price Received \$ 350.00

cash

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]
Supt. of City Cemeteries

mail to:
89 JM Burge Rd
Hattiesburg, ms
39402

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 8/04 2017

SOLD TO:

Mr.. Mrs. Miss John Martin

ADDRESS 205 Bay Street Hattiesburg, ms 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

N 1/2 SW 1/4 Lot No. 96 Section No. 36 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

cash

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]
Supt. of City Cemeteries

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 08-08 2017

SOLD TO:

Mr.. Mrs. Miss Patricia Ferrell

ADDRESS 901 Curione St. Hattiesburg, ms 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

SE 1/4 Lot No. 68 Section No. 3 in Highland Cemetery

Number of grave spaces 2 Price per grave space \$ 175.00

Price Received \$ 350.00

CR # 5541

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 08-08 20 17

SOLD TO:

Mr.. Mrs. Miss Patricia Ferrell

ADDRESS 901 Commerce St. Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

E $\frac{1}{2}$ SW $\frac{1}{4}$ Lot No. 48 Section No. 3 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

CK # 15841

CITY OF HATTIESBURG, MISSISSIPPI

By John A. D.
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 08-04 20 17

SOLD TO:

Mr.. Mrs. Miss Janet Baucom & Cody Patrick

ADDRESS 2911 Williamsburg Rd Hattiesburg, MS
39402

desires to purchase the grave space described below, subject to Cemetery regulations.

N $\frac{1}{2}$ SW $\frac{1}{4}$ Lot No. 89 Section No. 36 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00 Space # 2

CK # 2209

CITY OF HATTIESBURG, MISSISSIPPI

By John A. D.
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 08/4 20 17

SOLD TO:

Mr.. Mrs. Miss Janet Baucom & Cody Patrick

ADDRESS 2911 Williamsburg Rd Hattiesburg, MS
39402

desires to purchase the grave space described below, subject to Cemetery regulations.

NW $\frac{1}{2}$ Lot No. 89 Section No. 36 in Highland Cemetery

Number of grave spaces 2 Price per grave space \$ 175.00

Price Received \$ 350.00 Spaces # 3, 4

CK # 2209

CITY OF HATTIESBURG, MISSISSIPPI

By John A. D.

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 08/4 20 17

SOLD TO:

Mr. Mrs. Miss Janet Baucum & Cody Patrick

ADDRESS 2911 Williamsburg Rd Hattiesburg, MS

desires to purchase the grave space described below, subject to Cemetery regulations.

N NE 1/2 Lot No. 89 Section No. 36 in Highland Cemetery

Number of grave spaces 1 Space # 8 Price per grave space \$ 175.00

Price Received \$ 175.00

CK # 2207

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 08-04 20 17

SOLD TO:

Mr. Mrs. Miss Janet Baucum & Cody Patrick

ADDRESS 2911 Williamsburg Rd Hattiesburg, MS

desires to purchase the grave space described below, subject to Cemetery regulations.

SW 1/2 Lot No. 83 Section No. 36 in Highland Cemetery

Number of grave spaces 2 Price per grave space \$ 175.00

Price Received \$ 350.00 Space # 1,2

CK # 2207

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 08-04- 20 17

SOLD TO:

Mr. Mrs. Miss Janet Baucum and Cody Patrick

ADDRESS 2911 Williamsburg Rd, Hattiesburg, MS. 39402

desires to purchase the grave space described below, subject to Cemetery regulations.

SE 1/2 Lot No. 83 Section No. 36 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00 Space # 5

CK # 2207

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 08-04- 20 17

SOLD TO:

Mr. Mrs. Miss Janet Baucum and Cody Patrick

ADDRESS 2911 Williamshurg Rd, Hattiesburg, ms 39402

desires to purchase the grave space described below, subject to Cemetery regulations.

S NW 1/4 Lot No. 83 Section No. 36 in Highland Cemetery
Space # 3

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

ck # 2207

CITY OF HATTIESBURG, MISSISSIPPI

By Debrah Browne
Supt. of City Cemeteries

To: CITY COUNCIL

From: Deborah Bourne, Assistant Division Manager of Cemeteries

Date: August 14, 2017

The following represents the grave spaces sold on August 14, 2017

George W. Clark and Clara B. Clark

(10) Spaces \$ 1,750.00

(1)-Space

North Half (N1/2) of the Southwest Quarter (SW1/4)

Lot 16, Section 35, Highland Cemetery

(2) Spaces

Northwest Quarter (NW1/4)

Lot 16, Section 35, Highland Cemetery

(4) Spaces

East Half (E1/2)

Lot 16, Section 35, Highland Cemetery

(2) Spaces

Northwest Quarter (NW1/4)

Lot 17, Section 35, Highland Cemetery

(1) space

North Half (N1/2) of the Northeast Quarter (NE1/4)

Lot 21, Section 35, Highland Cemetery

Louise & Connie Bethley

(2) Spaces \$ 350.00

Northeast Quarter (NE1/4)

Lot 78, Section 37, Highland Cemetery

Lovert Anderson

(1) Space \$ 175.00

South Half (S1/2) of the Northwest Quarter (NW1/4)

Lot 69, Section 34, Highland Cemetery

Mary Lois Luvene

(1) Space \$ 150.00

West Half (W1/2) of the Northeast Quarter (NE1/4)

Lot 101, Section 1, South Hill Cemetery

Mail to:
4 Woods Edge South
Hattiesburg, ms. 39402

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 08/10/ 20 17

SOLD TO:

Mr. Mrs. Miss George W. Clark, SR And Clara B. Clark

ADDRESS 2006 West Pine St, Hattiesburg, ms. 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

N 1/2 NE 1/4 Lot No. 21 Section No. 35 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

ck# 4579

CITY OF HATTIESBURG, MISSISSIPPI

By Deborah Boone
Supt. of City Cemeteries

Mail to:
4 Woods Edge South
Hattiesburg, ms. 39402

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 08/10/ 20 17

SOLD TO:

Mr. Mrs. Miss George W. Clark, SR And Clara B. Clark

ADDRESS 2006 West Pine St. Hattiesburg, ms. 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

N 1/2 SW 1/4 Lot No. 16 Section No. 35 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

ck# 4579

CITY OF HATTIESBURG, MISSISSIPPI

By Deborah Boone
Supt. of City Cemeteries

Mail to:
4 Woods Edge South
Hattiesburg, ms. 39402

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 08/10/ 20 17

SOLD TO:

Mr. Mrs. Miss George W. Clark, SR And Clara B. Clark

ADDRESS 2006 West Pine St. Hattiesburg, ms. 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

E 1/2 — 1/4 Lot No. 16 Section No. 35 in Highland Cemetery

Number of grave spaces 4 Price per grave space \$ 175.00

Price Received \$ 700.00

CITY OF HATTIESBURG, MISSISSIPPI

mail to:
4 Woods Edge South
Hattiesburg, MS. 39402

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 08/10/ 20 17

SOLD TO:

Mr. Mrs. Miss George W. Clark SR And Clara B. Clark

ADDRESS 2006 West Pine St. Hattiesburg, MS. 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

1/2 NW Lot No. 17 Section No. 35 in Highland Cemetery

Number of grave spaces 2 Price per grave space \$ 175.00

Price Received \$ 350.00

ck # 4579

CITY OF HATTIESBURG, MISSISSIPPI

By Deborah Burre
Supt. of City Cemeteries

mail to:
4 Woods Edge South
Hattiesburg, MS. 39402

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 08/10/ 20 17

SOLD TO:

Mr. Mrs. Miss George W. Clark SR And Clara B. Clark

ADDRESS 2006 West Pine St. Hattiesburg, MS. 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

1/2 NW Lot No. 16 Section No. 35 in Highland Cemetery

Number of grave spaces 2 Price per grave space \$ 175.00

Price Received \$ 350.00

ck # 4579

CITY OF HATTIESBURG, MISSISSIPPI

By Deborah Burre
Supt. of City Cemeteries

mail to:
P.O. Box 154

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Lauderdale, MS 39335

Hattiesburg, Miss., 08-03 20 17

SOLD TO:

Mr. Mrs. Miss Mary Lois Luvene

ADDRESS 710 Hall Ave. Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

W NE Lot No. 101 Section No. 1 in South Hill Cemetery

Number of grave spaces 1 Price per grave space \$ 150.00

Price Received \$ 150.00

CITY OF HATTIESBURG, MISSISSIPPI

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 08-11 20 17

SOLD TO:

Mr.. Mrs. Miss Louis & Connie Bethley
ADDRESS 30 Forrest Drive Hattiesburg, MS 39402

desires to purchase the grave space described below, subject to Cemetery regulations.

NE 1/2 Lot No. 78 Section No. 37 in Highland Cemetery

Number of grave spaces 2 Price per grave space \$ 175.00

Price Received \$ 350.00

cash

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 08-14 20 17

SOLD TO:

Mr.. Mrs. Miss Lover + Anderson
ADDRESS 504 Mc Comb Street, Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

S 1/2 NW 1/4 Lot No. 69 Section No. 34 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

cc # 2271

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]
Supt. of City Cemeteries

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars (\$350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, Lamar Roberts, III, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Southeast Quarter (SE¹/₄)

Lot Number 35 Section Number 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Alice Minor, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Northeast Quarter (NE¼)

Lot 53 Section 25

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kernas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars (\$350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, Deborah B. Smith, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Northwest Quarter (NW¹/₄)

Lot Number 41 Section Number 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kemas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Johnny Coleman, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

South Half (S½) of the Northeast Quarter (NE¼)

Lot 22 Section 34

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kernas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Cassie Mae Robinson, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

South Half (S½) of the Southwest Quarter (SW¼)

Lot 32 Section 35

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kernas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Virginia Ross, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Northwest Quarter (NW¼)

Lot 38 Section 34

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kernas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars (\$350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, John Martin, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Northwest Quarter (NW1/4)

Lot Number 96 Section Number 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kemas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto John Martin, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Southwest Quarter (SW¼)

Lot 96 Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kernas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars (\$350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, Patricia Ferrell, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Southeast Quarter (SE¹/₄)

Lot Number 68 Section Number 3

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Patricia Ferrell, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

East Half (E½) of the Southwest Quarter (SW¼)

Lot 68 Section 3

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Janet Baucum & Cody Patrick, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N¹/₂) of the Southwest Quarter (SW¹/₄)

Lot 89 Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kernas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars (\$350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, Janet Baucum & Cody Patrick, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Northwest Quarter (NW¼)

Lot Number 89 Section Number 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Janet Baucum & Cody Patrick, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Northeast Quarter (NE¼)

Lot 89 Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kernas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars (\$350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, Janet Baucum & Cody Patrick, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Southwest Quarter (SW¹/₄)

Lot Number 83 Section Number 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Janet Baucum and Cody Patrick, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

South Half (S½) of the Southeast Quarter (SE¼)

Lot 83 Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kernas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Janet Baucum and Cody Patrick, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

South Half (S½) of the Northwest Quarter (NW¼)

Lot 83 Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto George W. Clark And Clara B. Clark, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Northeast Quarter (NE¼)

Lot 21 Section 35

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kernas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto George W. Clark And Clara B. Clark, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N¹/₂) of the Southwest Quarter (SW¹/₄)

Lot 16 Section 35

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kernas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of SEVEN HUNDRED AND NO/100 Dollars (\$700.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto George W. Clark And Clara B. Clark, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

East Half (E1/2)

Lot Number 16

Section Number: 35

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing Four (4) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars (\$350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, George W. Clark And Clara B. Clark, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Northwest Quarter (NW1/4)

Lot Number 17 Section Number 35

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars (\$350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, George W. Clark And Clara B. Clark, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Northwest Quarter (NW¹/₄)

Lot Number 16 Section Number 35

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
SOUTH HILL CEMETERY**

For and in consideration of the sum of ONE HUNDRED FIFTY AND NO/100 Dollars (\$150.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Mary Lois Luvene, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

West Half (W½) of the Northeast Quarter (NE¼)

Lot Number: 101

Section Number: 1

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as South Hill Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK
(S E A L)

MAYOR

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kernas Eaton, Mayor and Deputy City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars (\$350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, Louis & Connie Bethley, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Northeast Quarter (NE1/4)

Lot Number 78 Section Number 37

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Lovert Anderson, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

South Half (S½) of the Northwest Quarter (NW¼)

Lot 69 Section 34

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kernas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:

NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars (\$350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, Lamar Roberts, III, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Southeast Quarter (SE¼)

Lot Number 35 Section Number 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

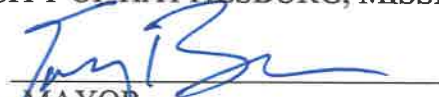
GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

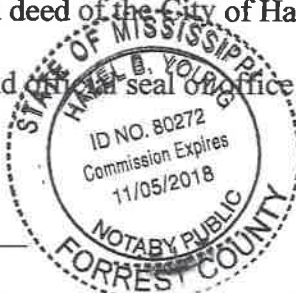
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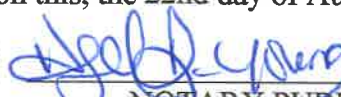
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and seal of office on this, the 22nd day of August, 2017

My Commission Expires:




NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Alice Minor, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N $\frac{1}{2}$) of the Northeast Quarter (NE $\frac{1}{4}$)

Lot 53

Section 25

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:



CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI



MAYOR

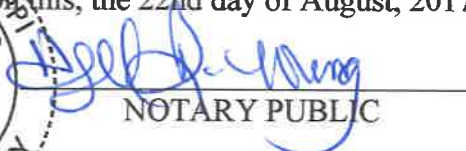
(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:


NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars (\$350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, Deborah B. Smith, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Northwest Quarter (NW¹/₄)

Lot Number 41 Section Number 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

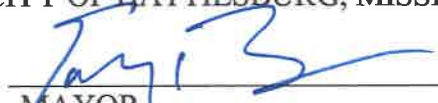
GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

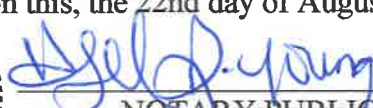
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017

My Commission Expires:




NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Johnny Coleman, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

South Half (S½) of the Northeast Quarter (NE¼)

Lot 22

Section 34

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

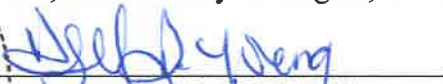
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:




NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Cassie Mae Robinson, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

South Half (S½) of the Southwest Quarter (SW¼)

Lot 32

Section 35

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

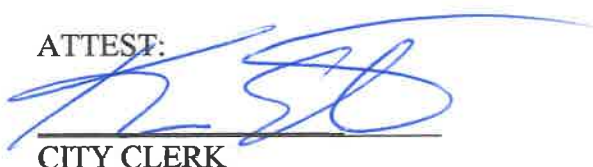
One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

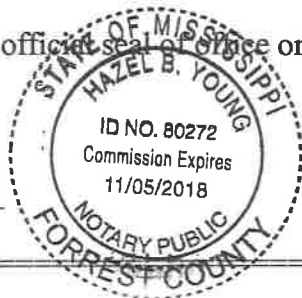
(S E A L)

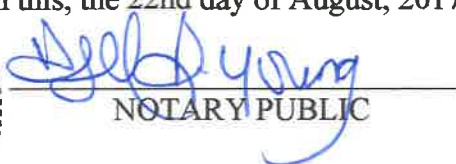
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:




NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Virginia Ross, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Northwest Quarter (NW¼)

Lot 38

Section 34

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

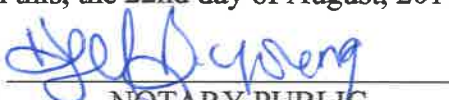
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:




NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

DEED TO CEMETERY LOT HIGHLAND CEMETERY

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars (\$350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, John Martin, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Northwest Quarter (NW¹/₄)

Lot Number 96 Section Number 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

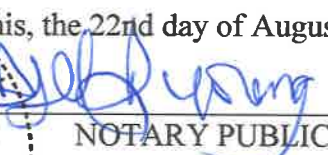
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of Mississippi, on this, the 22nd day of August, 2017

My Commission Expires:




NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto John Martin, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Southwest Quarter (SW¼)

Lot 96

Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:



NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars (\$350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, Patricia Ferrell, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Southeast Quarter (SE¼)

Lot Number 68 Section Number 3

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

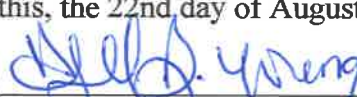
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017

My Commission Expires:




NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Patricia Ferrell, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

East Half (E½) of the Southwest Quarter (SW¼)

Lot 68

Section 3

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kemas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:




NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Janet Baucum & Cody Patrick, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Southwest Quarter (SW¼)

Lot 89

Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

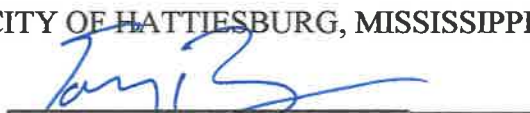
GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

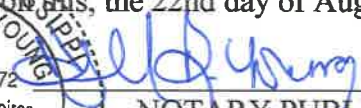
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:




NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars (\$350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, Janet Baucum & Cody Patrick, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Northwest Quarter (NW¼)

Lot Number 89 Section Number 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

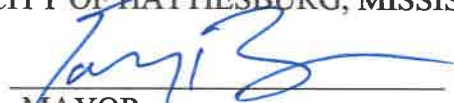
GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

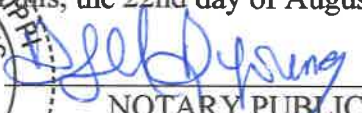
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017

My Commission Expires:




NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Janet Baucum & Cody Patrick, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Northeast Quarter (NE¼)

Lot 89

Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

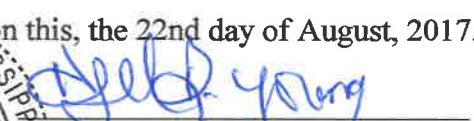
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:




NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars (\$350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, Janet Baucum & Cody Patrick, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Southwest Quarter (SW¹/₄)

Lot Number 83 Section Number 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

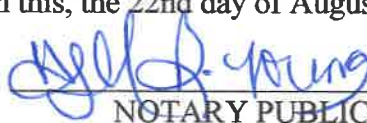
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017

My Commission Expires:




NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Janet Baucum and Cody Patrick, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

South Half (S½) of the Southeast Quarter (SE¼)

Lot 83

Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

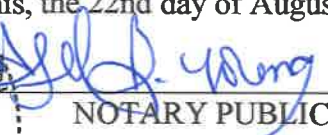
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of Mississippi on this, the 22nd day of August, 2017.

My Commission Expires:




NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

DEED TO CEMETERY LOT
HIGHLAND CEMETERY

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Janet Baucum and Cody Patrick, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

South Half (S½) of the Northwest Quarter (NW¼)

Lot 83 Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

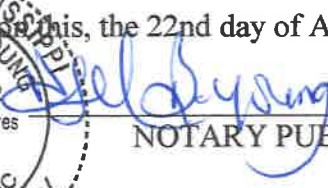
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:




NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto George W. Clark And Clara B. Clark, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Northeast Quarter (NE¼)

Lot 21

Section 35

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

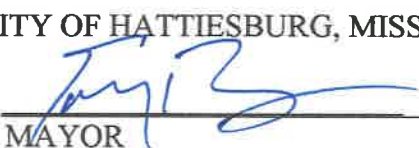
SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI

MAYOR

(S E A L)

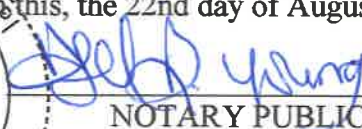
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:




NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto George W. Clark And Clara B. Clark, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Southwest Quarter (SW¼)

Lot 16

Section 35

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

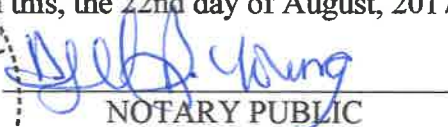
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:




NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of SEVEN HUNDRED AND NO/100 Dollars (\$700.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto George W. Clark And Clara B. Clark, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

East Half (E½)

Lot Number 16

Section Number: 35

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing Four (4) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

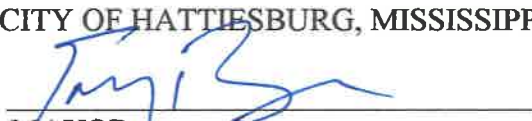
GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

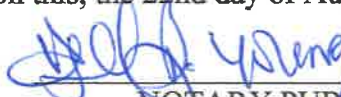
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:




NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars (\$350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, George W. Clark And Clara B. Clark, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Northwest Quarter (NW¹/₄)

Lot Number 17 Section Number 35

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

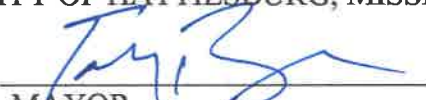
GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

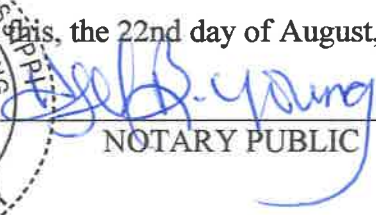
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017

My Commission Expires:




NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars (\$350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, George W. Clark And Clara B. Clark, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Northwest Quarter (NW¹/₄)

Lot Number 16 Section Number 35

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

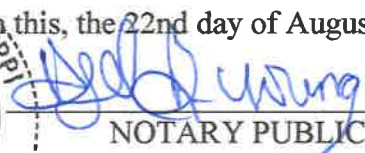
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017

My Commission Expires:




NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
SOUTH HILL CEMETERY**

For and in consideration of the sum of ONE HUNDRED FIFTY AND NO/100 Dollars (\$150.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Mary Lois Luvane., subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

West Half (W½) of the Northeast Quarter (NE¼)

Lot Number: 101

Section Number: 1

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as South Hill Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:



CITY CLERK
(S E A L)

CITY OF HATTIESBURG, MISSISSIPPI

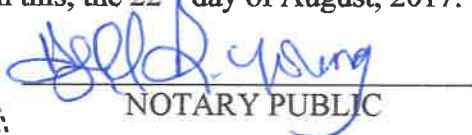

MAYOR

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and Deputy City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:


NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of THREE HUNDRED FIFTY AND NO/100 Dollars (\$350.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto, Louis & Connie Bethley, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Northeast Quarter (NE¹/₄)

Lot Number 78 Section Number 37

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

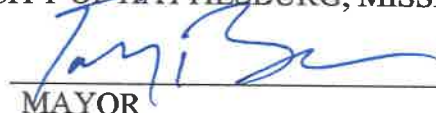
WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:



CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI



MAYOR

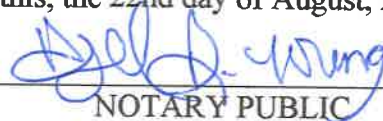
(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017

My Commission Expires:



NOTARY PUBLIC

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR
CITY OF HATTIESBURG
HATTIESBURG, MS

**DEED TO CEMETERY LOT
HIGHLAND CEMETERY**

For and in consideration of the sum of ONE HUNDRED SEVENTY-FIVE AND NO/100 Dollars (\$175.00), cash in hand paid to the City of Hattiesburg, Mississippi, the City of Hattiesburg, Mississippi acting by and through its duly authorized Mayor and City Clerk does hereby bargain, sell and convey unto Lovert Anderson, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

South Half (S½) of the Northwest Quarter (NW¼)

Lot 69

Section 34

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 22nd day of August, 2017.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(SEAL)

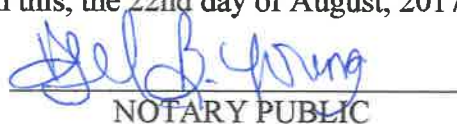
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kemas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 22nd day of August, 2017.

My Commission Expires:




NOTARY PUBLIC



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-650

File ID: 2017-650

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 08/16/2017

Brief Title: Claims Docket

Final Action:

Minute Book Number: MB2017-363

Title:

Approve claims docket for the period ending August 18, 2017.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: VII.-12

Sponsors:

Enactment Date:

Attachments: Claims Docket for the period ending 8-18-17

Enactment Number:

Contact:

Meeting Date:

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	08/22/2017					

Text of Legislative File 2017-650

Title

Approve claims docket for the period ending August 18, 2017.

Summary

Claims Docket.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

CITY OF HATTIESBURG
DOCKET OF CLAIMS
PERIOD ENDING AUGUST 18, 2017

Page 1
Date - 08/17/17

Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
GENERAL FUND							
00001 A A A AMBULANCE SERVICE	17-35006	STE	00172192	16007180 SRV 6/13/17 STEWART PRISONER	08/18/17	259077	302.58-
A A A AMBULANCE SERVICE							302.58-
Sum							
00001 AAMCO TRANS/AUTOMOTIVE S	135451		00171901	16007195 REPRS U#17017	08/18/17	259078	481.72-
00001 AAMCO TRANS/AUTOMOTIVE S	135337		00172109	16007196 REPRS U#11970	08/18/17	259078	592.02-
AAMCO TRANS/AUTOMOTIVE S							1,073.74-
Sum							
00001 AARON OIL COMPANY INC	284825-S		00172420	16007434 WASTE OIL REMOVAL POLICE SHOP	08/18/17	259079	27.75-
AARON OIL COMPANY INC							27.75-
Sum							
00001 ACUITY GROUP OF MISSISSI	11517		00172511	16007506 MNTHLY CONTRACT 7/17	08/18/17	259080	1,108.50-
ACUITY GROUP OF MISSISSI							1,108.50-
Sum							
00001 ADVANCE AUTO PARTS	560472083		00172080	16007238 REPR PTS U#11947 CONSTR	08/18/17	259082	43.39-
ADVANCE AUTO PARTS							43.39-
Sum							
00001 AFFORDABLE EMERGENCY LIG	1001		00172119	16007229 WATCHGUARD REPR U#19344	08/18/17	259083	85.00-
00001 AFFORDABLE EMERGENCY LIG	1004		00172301	16007385 REPR LIGHTBAR U#19701 POLICE	08/18/17	259083	85.00-
AFFORDABLE EMERGENCY LIG							170.00-
Sum							
00001 ALLBRITTON CHAIN SAW & L	51849		00171903	16007192 WEEDEATERS/BLOWERS/AUTOCUTS	08/18/17	259085	2,579.44-
00001 ALLBRITTON CHAIN SAW & L	51850		00172011	16007193 WEEDEATER SUPP	08/18/17	259085	479.60-
00001 ALLBRITTON CHAIN SAW & L	52103		00172471	16007547 REPR PTS U#20058 CEMETERY	08/18/17	259085	43.70-
ALLBRITTON CHAIN SAW & L							3,102.74-
Sum							
00001 ALLEN, RODERICK	TRAV ADVANCE		00172369	16007352 TRAV ADV MENTAL HEALTH LEARN	08/18/17	259087	618.06-
ALLEN, RODERICK							618.06-
Sum							
00001 ALWAYS IN STITCHES	2976		00172378	16007362 OUTDOOR CAPS P/F ACADEMY	08/18/17	259089	126.00-
ALWAYS IN STITCHES							126.00-
Sum							
00001 AMERICAN CONCRETE PRODUC	1312		00172393	16007443 SHEETROCK MUD MAILBOX REPAIR	08/18/17	259090	52.00-
AMERICAN CONCRETE PRODUC							52.00-
Sum							
00001 ANIMAL MEDICAL CENTER	18729 270564		00172213	16007168 SEVS VODOO POLICE K-9	08/18/17	259091	227.00-

CITY OF HATTIESBURG
DOCKET OF CLAIMS
PERIOD ENDING AUGUST 18, 2017

Page - 2
Date - 08/17/17

Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
ANIMAL MEDICAL CENTER Sum							227.00-
00001 ANOINTED HANDS SERVICES, 5100		00172197	16007167	SERVS 8/17 EMP MED CLINIC	08/18/17	259092	280.00-
ANOINTED HANDS SERVICES, Sum							280.00-
00001 ARNOLD LINE WATER ASSN I 2145 7/20/17	00201711	16007266	SERV 6/20-7/20/17 #8 FIRE STA	08/18/17	259094	34.00-	
ARNOLD LINE WATER ASSN I Sum							34.00-
00001 AT&T	601M31822200	02017714	16007265	SERV 7/23-8/22/17 POLICE	08/18/17	259095	413.50-
00001 AT&T	601M23905500	00201711	16007350	VEHICLE LOCATOR 7/28-8/27	08/18/17	259096	202.00-
00001 AT&T	601M81832700	02017744	16007447	MNTHLY SERV VARI DEPTS	08/18/17	259097	13,491.37-
00001 AT&T	601M26940440	00201711	16007550	SERV 8/8-9/7/17 POLICE DEPT	08/18/17	259098	76.00-
00001 AT&T	601545491010	02017755	16007602	SERV 8/8-9/7/17 DISPATCH	08/18/17	259099	169.96-
AT&T Sum							14,352.83-
00001 AT&T CAPITAL SERVICES	3017353	00172580	16007563	HPD INTERACT SOFTWARE	08/18/17	259100	12,556.56-
AT&T CAPITAL SERVICES Sum							12,556.56-
00001 AT&T LONG DISTANCE SERVI	0267363086	02017737	16007426	LONG DIST SERVICE-ONE NET	08/18/17	259101	180.16-
AT&T LONG DISTANCE SERVI Sum							180.16-
00001 AT&T MOBILITY	287273861504	00172568	16007565	GPS TRACKING 7/1-31/17	08/18/17	259102	2,677.75-
AT&T MOBILITY Sum							2,677.75-
00001 AUDIO VIDEO SPECIALIST	7858	00172417	16007436	CAMERAS INTERRIGATN/POLYGRAPH	08/18/17	259103	916.98-
00001 AUDIO VIDEO SPECIALIST	8690	00172322	16007540	INSTALL TV/PHONE/SPEAKERS	08/18/17	259103	2,599.97-
AUDIO VIDEO SPECIALIST Sum							3,516.95-
00001 AUTO ARMATURE SERVICE IN	09363	00172160	16007213	BATTERIES/ALT U#12891 CEM	08/18/17	259106	445.85-
00001 AUTO ARMATURE SERVICE IN	09326	00170607	16007245	BATTERIES U#18325/19008	08/18/17	259106	286.90-
00001 AUTO ARMATURE SERVICE IN	09334	00171143	16007246	BATTERIES VARI POLICE UNITS	08/18/17	259106	923.70-
00001 AUTO ARMATURE SERVICE IN	09342	00171316	16007247	BATTERIES/ALT VARI POL UNITS	08/18/17	259106	733.85-
00001 AUTO ARMATURE SERVICE IN	09343	00171448	16007248	BATTERY U#19007 POLICE	08/18/17	259106	138.95-
00001 AUTO ARMATURE SERVICE IN	09362	00172120	16007249	BATTERIES VARI POLICE UNITS	08/18/17	259106	500.85-
00001 AUTO ARMATURE SERVICE IN	3372	00171589	16007251	ALTERNATOR REPR U#17313	08/18/17	259106	90.00-
00001 AUTO ARMATURE SERVICE IN	09316	00170398	16007255	BOOSTER CABLES U#18555	08/18/17	259106	332.00-
00001 AUTO ARMATURE SERVICE IN	09317	00170401	16007256	BATTERY U#16496	08/18/17	259106	115.95-
00001 AUTO ARMATURE SERVICE IN	09319	00170401	16007257	STARTER U#19280	08/18/17	259106	129.95-
00001 AUTO ARMATURE SERVICE IN	09335	00171164	16007258	BATTERY U#20053	08/18/17	259106	160.95-
00001 AUTO ARMATURE SERVICE IN	09359	00172069	16007259	BATTERY U#17503 ENGR DEPT	08/18/17	259106	126.95-
00001 AUTO ARMATURE SERVICE IN	09336	00171168	16007261	BATTERIES U#14409 SANIT	08/18/17	259106	285.90-
00001 AUTO ARMATURE SERVICE IN	09337	00171168	16007262	BATTERIES U#14956 SANIT	08/18/17	259106	285.90-

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00001 AUTO ARMATURE SERVICE IN	09358	00172045	16007263	BATTERIES U#20430/19343	08/18/17	259106	333.90-
00001 AUTO ARMATURE SERVICE IN	09372	00172291	16007445	BATTERY U#14677	08/18/17	259106	138.95-
00001 AUTO ARMATURE SERVICE IN	09324	00170500	16007566	BATTERIES U#17706/19707	08/18/17	259106	286.90-
00001 AUTO ARMATURE SERVICE IN	09383	00171325	16007567	BATTERY U#18325 POLICE	08/18/17	259106	139.95-
00001 AUTO ARMATURE SERVICE IN	09371	00172252	16007568	BATTERY U#17357 POLICE	08/18/17	259106	166.95-
00001 AUTO ARMATURE SERVICE IN	09382	00172566	16007580	BOOSTER CABLES U#15920 DRNGE	08/18/17	259106	380.00-
00001 AUTO ARMATURE SERVICE IN	09378	00172451	16007639	BATTERIES U#16080 SANIT	08/18/17	259106	285.90-
AUTO ARMATURE SERVICE IN Sum							6,290.25-
00001 AUTOMOTIVE GLASS SPECIAL	1216927	00172172	16007343	REPR PTS U#19887	08/18/17	259107	225.00-
00001 AUTOMOTIVE GLASS SPECIAL	1216554	00171798	16007346	WINDSHIELD U#15964 DRNGE	08/18/17	259107	225.00-
00001 AUTOMOTIVE GLASS SPECIAL	1216823	00169786	16007347	WINDSHIELD U#15480 CONSTR	08/18/17	259107	253.00-
AUTOMOTIVE GLASS SPECIAL Sum							703.00-
00001 BANC OF AMERICA PUBLIC C	R86277	02017727	16007351	GENERATOR LEASE DUE 8/17	08/07/17	112054	203,714.00-
BANC OF AMERICA PUBLIC C Sum							203,714.00-
00001 BARDING GENERATOR & STAR	162092	00171870	16007572	STARTER U#13932 FIRE DEPT	08/18/17	259109	285.95-
BARDING GENERATOR & STAR Sum							285.95-
00001 BARNES, LARRY	TRAVEL REIMB	00172289	16007302	EXPNS MML CONF BILOXI	08/18/17	259110	48.86-
BARNES, LARRY Sum							48.86-
00001 BARNETT'S BODY SHOP INC,	61524	00171869	16007299	REPRS U#19535 TORNADO 2017	08/18/17	259111	4,729.56-
00001 BARNETT'S BODY SHOP INC,	61525(A)	00171868	16007411	REPRS U#16760 TORNADO 2017	08/18/17	259111	12,316.49-
00001 BARNETT'S BODY SHOP INC,	61525(B)	00172346	16007412	ADDL AMT DUE PO#171868	08/18/17	259111	354.67-
BARNETT'S BODY SHOP INC, Sum							17,400.72-
00001 BEECH, JANET	MILEAGE 8/09	00172477	16007459	MILEAGE MAGPPA MEETING JACKSN	08/18/17	259112	119.60-
BEECH, JANET Sum							119.60-
00001 BLOSSMAN GAS INC	1535615	00172336	16007444	PROPANE U#20067	08/18/17	259113	39.00-
BLOSSMAN GAS INC Sum							39.00-
00001 BOURNE BROTHERS PRINTING	61476	00172279	16007446	LETTERHEAD/ENV CEMETERY	08/18/17	259116	200.00-
BOURNE BROTHERS PRINTING Sum							200.00-
00001 BOWENS, ALICIA	TRAV ADVANCE	00172368	16007353	TRAV ADV MENTAL HEALTH LEARN	08/18/17	259117	618.06-

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BOWENS, ALICIA							
Sum							618.06-
00001 BRACKMAN MOWER WAREHOUSE	32718	00172255	16007336	CHAINSAW FOR TREE CREW	08/18/17	259119	319.95-
00001 BRACKMAN MOWER WAREHOUSE	32741	00172239	16007337	REPRS U#17961 MOWER	08/18/17	259119	157.11-
00001 BRACKMAN MOWER WAREHOUSE	32663	00172241	16007338	REPR PTS U#19005 MOWER	08/18/17	259119	35.26-
00001 BRACKMAN MOWER WAREHOUSE	32728	00172258	16007419	MOWER REPR PTS	08/18/17	259119	834.78-
00001 BRACKMAN MOWER WAREHOUSE	31870	00172012	16007504	WEEDEATER REPR PTS	08/18/17	259119	226.50-
00001 BRACKMAN MOWER WAREHOUSE	33063	00172490	16007515	WEEDEATER STRAPS/OIL	08/18/17	259119	484.40-
00001 BRACKMAN MOWER WAREHOUSE	33138	00172293	16007631	REPR PTS U#19292	08/18/17	259119	60.20-
00001 BRACKMAN MOWER WAREHOUSE	33225	00172457	16007644	REPR PTS U#19005 CEMETERY	08/18/17	259119	59.84-
BRACKMAN MOWER WAREHOUSE							
Sum							2,178.04-
00001 BULK FUELS, LLC	2870	00172095	16007191	MOTOR OIL FOR SHOP	08/18/17	259123	85.00-
BULK FUELS, LLC							
Sum							85.00-
00001 BUSINESS INFORMATION SYS	73143	00172316	16007400	MONTHLY SUBSCRIPTION	08/09/17	112065	600.00-
BUSINESS INFORMATION SYS							
Sum							600.00-
00001 C SPIRE (MEGAGATE)	1106414	00172473	16007461	INET/NETWORK 8/17 INFO TECH	08/18/17	259124	18,340.49-
C SPIRE (MEGAGATE)							
Sum							18,340.49-
00001 CALIFORNIA CONTRACTORS S	T66445	00171861	16007239	COOLING TOWELS CONSTR DEPT	08/18/17	259125	298.00-
CALIFORNIA CONTRACTORS S							
Sum							298.00-
00001 CANON SOLUTIONS AMERICA	4023335028	00172409	16007523	COPIER MAINT PURCHASING	08/18/17	259127	45.43-
CANON SOLUTIONS AMERICA							
Sum							45.43-
00001 CARQUEST AUTO PARTS STOR	14758-93611	00172157	16007225	REPR PTS U#10841 IT DEPT	08/18/17	259129	100.34-
00001 CARQUEST AUTO PARTS STOR	14758-93609	00172157	16007226	REPR PTS U#18568 IT DEPT	08/18/17	259129	103.18-
00001 CARQUEST AUTO PARTS STOR	14758-93680	00171488	16007309	REPR PTS U#19007 POLICE	08/18/17	259129	82.59-
00001 CARQUEST AUTO PARTS STOR	14758-93681	00171488	16007310	REPR PTS U#17573 POLICE	08/18/17	259129	58.24-
00001 CARQUEST AUTO PARTS STOR	14758-93682	00171488	16007311	REPR PTS POLICE STOCK	08/18/17	259129	463.62-
00001 CARQUEST AUTO PARTS STOR	14758-93690	00172164	16007312	REPR PTS U#18203 POLICE	08/18/17	259129	116.10-
00001 CARQUEST AUTO PARTS STOR	14758-93691	00172164	16007313	REPR PTS U#18205 POLICE	08/18/17	259129	358.53-
00001 CARQUEST AUTO PARTS STOR	14758-93693	00172164	16007314	REPR PTS U#16655 POLICE	08/18/17	259129	49.68-
00001 CARQUEST AUTO PARTS STOR	14758-93695	00172164	16007315	REPR PTS U#17596 POLICE	08/18/17	259129	154.73-
00001 CARQUEST AUTO PARTS STOR	14758-93696	00172164	16007316	REPR PTS U#16647 POLICE	08/18/17	259129	451.50-
00001 CARQUEST AUTO PARTS STOR	14758-93697	00172164	16007317	REPR PTS POLICE STOCK	08/18/17	259129	427.38-
00001 CARQUEST AUTO PARTS STOR	14758-93699	00172177	16007318	REPR PTS U#18326 POLICE	08/18/17	259129	116.10-
00001 CARQUEST AUTO PARTS STOR	14758-93700	00172177	16007319	REPR PTS U#17319 POLICE	08/18/17	259129	38.76-
00001 CARQUEST AUTO PARTS STOR	14758-93701	00172177	16007320	REPR PTS U#16414 POLICE	08/18/17	259129	235.98-
00001 CARQUEST AUTO PARTS STOR	14758-93702	00172177	16007321	REPR PTS U#16716 POLICE	08/18/17	259129	163.05-
00001 CARQUEST AUTO PARTS STOR	14758-94289	00172430	16007629	REPR PTS SHOP	08/18/17	259129	25.86-
00001 CARQUEST AUTO PARTS STOR	14758-94288	00172430	16007630	REPR PTS U#14178 CONSTR	08/18/17	259129	28.70-

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00001 CARQUEST AUTO PARTS STOR	14758-94287	00172432	16007637	REPR PTS/SUPP SHOP	08/18/17	259129	72.16-
00001 CARQUEST AUTO PARTS STOR	14758-94054	00172311	16007640	REPR PTS SHOP STOCK	08/18/17	259129	426.30-
CARQUEST AUTO PARTS STOR Sum							3,472.80-
00001 CERTIFIED LABORATORIES	2813267	00172234	16007390	CHEMICALS FOR SHOP	08/18/17	259133	690.00-
CERTIFIED LABORATORIES Sum							690.00-
00001 CHANNING BETE CO INC	55386222	00172078	16007340	CPR MANIKIN P/F ACADEMY	08/18/17	259136	108.95-
CHANNING BETE CO INC Sum							108.95-
00001 CHRISTOPHER PLUMBING SER	873967	00172498	16007484	UNSTOP SEWER LINE DISPATCH	08/18/17	259137	175.00-
CHRISTOPHER PLUMBING SER Sum							175.00-
00001 CINTAS CORPORATION #J66	J66550673	00172284	16007267	UNIFORMS 7/31 TRAFFIC	08/18/17	259144	62.80-
00001 CINTAS CORPORATION #J66	J66550673	00172284	16007268	UNIFORMS 7/31 CONSTR	08/18/17	259144	88.78-
00001 CINTAS CORPORATION #J66	J66550673	00172284	16007269	UNIFORMS 7/31 PUBLIC WORKS	08/18/17	259144	72.12-
00001 CINTAS CORPORATION #J66	J66550673	00172284	16007270	UNIFORMS 7/31 PUBLIC WORKS	08/18/17	259144	10.98-
00001 CINTAS CORPORATION #J66	J66550673	00172284	16007271	UNIFORMS 7/31 PUBLIC WORKS	08/18/17	259144	33.44-
00001 CINTAS CORPORATION #J66	J66550673	00172284	16007272	UNIFORMS 7/31 SHOP	08/18/17	259144	68.87-
00001 CINTAS CORPORATION #J66	J66550673	00172284	16007273	UNIFORMS 7/31 SANIT	08/18/17	259144	211.80-
00001 CINTAS CORPORATION #J66	J66550673	00172284	16007274	UNIFORMS 7/31 HEALTH	08/18/17	259144	177.78-
00001 CINTAS CORPORATION #J66	J66550675	00172285	16007275	MATS 7/31 TRAFFIC	08/18/17	259144	7.90-
00001 CINTAS CORPORATION #J66	J66550674	00172285	16007276	MOP/MAT 7/31 GO&FS	08/18/17	259144	24.04-
00001 CINTAS CORPORATION #J66	J66550672	00172285	16007277	MOP/MAT 7/31 SANIT	08/18/17	259144	24.96-
00001 CINTAS CORPORATION #J66	J66548325	00172203	16007285	UNIFORMS 7/07 CEM/FORESTRY	08/18/17	259144	72.10-
00001 CINTAS CORPORATION #J66	J66549060	00172203	16007286	UNIFORMS 7/14 CEM/FORESTRY	08/18/17	259144	72.10-
00001 CINTAS CORPORATION #J66	J66549795	00172203	16007287	UNIFORMS 7/21 CEM/FORESTRY	08/18/17	259144	62.88-
00001 CINTAS CORPORATION #J66	J66550539	00172203	16007288	UNIFORMS 7/28 CEM/FORESTRY	08/18/17	259144	56.88-
00001 CINTAS CORPORATION #J66	J66548326	00172203	16007289	MOP/MAT 7/07 CEM/FORESTRY	08/18/17	259144	15.70-
00001 CINTAS CORPORATION #J66	J66549061	00172203	16007290	MOP/MAT 7/14 CEM/FORESTRY	08/18/17	259144	15.70-
00001 CINTAS CORPORATION #J66	J66549796	00172203	16007291	MOP/MAT 7/21 CEM/FORESTRY	08/18/17	259144	15.70-
00001 CINTAS CORPORATION #J66	J66550540	00172203	16007292	MOP/MAT 7/28 CEM/FORESTRY	08/18/17	259144	15.70-
00001 CINTAS CORPORATION #J66	J66551431	00172447	16007448	UNIFORMS 8/07 TRAFFIC	08/18/17	259144	39.11-
00001 CINTAS CORPORATION #J66	J66551431	00172447	16007449	UNIFORMS 8/07 CONSTR	08/18/17	259144	77.83-
00001 CINTAS CORPORATION #J66	J66551431	00172447	16007450	UNIFORMS 8/07 PUBLIC WORKS	08/18/17	259144	65.66-
00001 CINTAS CORPORATION #J66	J66551431	00172447	16007451	UNIFORMS 8/07 PUBLIC WORKS	08/18/17	259144	10.00-
00001 CINTAS CORPORATION #J66	J66551431	00172447	16007452	UNIFORMS 8/07 PUBLIC WORKS	08/18/17	259144	30.44-
00001 CINTAS CORPORATION #J66	J66551431	00172447	16007453	UNIFORMS 8/07 SHOP	08/18/17	259144	61.00-
00001 CINTAS CORPORATION #J66	J66551431	00172447	16007454	UNIFORMS 8/07 SANIT	08/18/17	259144	184.11-
00001 CINTAS CORPORATION #J66	J66551431	00172447	16007455	UNIFORMS 8/07 HEALTH	08/18/17	259144	159.21-
00001 CINTAS CORPORATION #J66	J66551433	00172448	16007456	MATS 8/07 TRAFFIC	08/18/17	259144	7.90-
00001 CINTAS CORPORATION #J66	J66551432	00172448	16007457	MOP/MAT 8/07 GO&FS	08/18/17	259144	24.04-
00001 CINTAS CORPORATION #J66	J66551430	00172448	16007458	MOP/MAT 8/07 SANIT	08/18/17	259144	24.96-
00001 CINTAS CORPORATION #J66	J66547726	00172561	16007533	MATS 7/03 PUBLIC WORKS	08/18/17	259144	7.90-
00001 CINTAS CORPORATION #J66	J66552190	00172593	16007583	UNIFORMS 8/14 TRAFFIC	08/18/17	259144	53.11-
00001 CINTAS CORPORATION #J66	J66552190	00172593	16007584	UNIFORMS 8/14 PUBLIC WORKS	08/18/17	259144	65.66-
00001 CINTAS CORPORATION #J66	I17259390	00172593	16007585	UNIFORMS 8/14 PUBLIC WORKS	08/18/17	259144	10.00-
00001 CINTAS CORPORATION #J66	J66552190	00172593	16007586	UNIFORMS 8/14 PUBLIC WORKS	08/18/17	259144	30.44-
00001 CINTAS CORPORATION #J66	J66552190	00172593	16007587	UNIFORMS 8/14 SHOP	08/18/17	259144	61.00-

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Sum							487.00-
00001 COURTESY MOTORS INC	463433	00171069	16007573	REPR PTS U#14094 FIRE DEPT	08/18/17	259156	85.49-
00001 COURTESY MOTORS INC	223269C	00171551	16007581	REPRS U#17530 DRNGE	08/18/17	259156	265.42-
COURTESY MOTORS INC							
Sum							350.91-
00001 COWBOY MALONEY'S ELECTRI	TP0465	00171988	16007233	TV/STAND #2 FIRE TORNADO 2017	08/18/17	259159	729.95-
COWBOY MALONEY'S ELECTRI							
Sum							729.95-
00001 CROWELL RODRICK	TRAVEL REIMB	00172578	16007569	EXPNS FIRE INSTRUCTOR CRSE	08/18/17	259161	226.47-
CROWELL RODRICK							
Sum							226.47-
00001 CUSTOM PRODUCTS CORP	291779	00171736	16007509	ROAD CLOSED PANELS TRAFFIC	08/18/17	259163	1,478.24-
CUSTOM PRODUCTS CORP							
Sum							1,478.24-
00001 DABBS STREET CENTER, LLC	PO#171894 7/	00171894	16007160	JUMPERS NNO KICK-OFF	08/18/17	259165	150.00-
DABBS STREET CENTER, LLC							
Sum							150.00-
00001 DAVIS, PATRICIA K	PETTY CASH 8	00172526	16007530	PETTY CASH P/F ACADEMY	08/18/17	259166	156.63-
DAVIS, PATRICIA K							
Sum							156.63-
00001 DEWS, C L & SONS FOUNDRY	171238	00172187	16007503	PIPE SUPP U#5800 REPAIR	08/18/17	259167	172.50-
00001 DEWS, C L & SONS FOUNDRY	171296	00172331	16007579	REPR SUPP U#5800 SHOP	08/18/17	259167	308.00-
DEWS, C L & SONS FOUNDRY							
Sum							480.50-
00001 EASTON, LILLIE (ELECTION	8/8/17	00172413	16007378	ELECTION COMMISSIONER	08/08/17	112061	504.00-
EASTON, LILLIE (ELECTION							
Sum							504.00-
00001 ECONOMY SUPPLY CO	278178	00172223	16007342	BENCH BLDG MATLS PUBLIC WORKS	08/18/17	259170	104.37-
00001 ECONOMY SUPPLY CO	278300	00172222	16007349	SIGNS FOR THE AIRPORT	08/18/17	259170	67.06-
00001 ECONOMY SUPPLY CO	277585	00172096	16007392	HAND TOOLS CONSTR DEPT	08/18/17	259170	737.75-
00001 ECONOMY SUPPLY CO	277824	00172101	16007643	MAILBOXES/LOCKS	08/18/17	259170	196.75-
ECONOMY SUPPLY CO							
Sum							1,105.93-
00001 ELLIS, TIKENYA	TRAV ADVANCE	00172371	16007354	TRAV ADV MENTAL HEALTH LEARN	08/18/17	259172	618.06-
00001 ELLIS, TIKENYA	TRAVEL REIMB	00172617	16007610	EXPNS CRT CLK CONF BILOXI	08/18/17	259172	1.87-
ELLIS, TIKENYA							
Sum							619.93-

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00001 EMERGENCY EQUIPMENT PROF	428641	00171897	16007253	REPR PTS U#18099 FIRE DEPT	08/18/17	259173	2,273.48-
00001 EMERGENCY EQUIPMENT PROF	428857	00172444	16007574	REPR PTS U#18099 FIRE DEPT	08/18/17	259173	81.81-
EMERGENCY EQUIPMENT PROF Sum							2,355.29-
00001 ENDOM TRAILERS	R54615	00171982	16007414	STORAGE TRLR 3RD FLR FILES	08/18/17	259174	4,500.00-
ENDOM TRAILERS Sum							4,500.00-
00001 ENERGY SYSTEMS SOUTHEAST	0166881, 016	00164629	16007241	GENERATOR AT DEPOT	08/03/17	112051	31,723.00-
ENERGY SYSTEMS SOUTHEAST Sum							31,723.00-
00001 EQUIPMENT INC	164002782	00169008	16007207	REPR PTS U#14618 SANIT	08/18/17	259175	731.08-
EQUIPMENT INC Sum							731.08-
00001 EVANS, JERRY A	TRAV ADVANCE	00172543	16007521	TRAV ADV MENTAL HEALTH CONF	08/18/17	259178	618.06-
EVANS, JERRY A Sum							618.06-
00001 FASTENAL COMPANY	MSHAT201397	00172043	16007417	PAPER TOWELS TRAFFIC/CONSTR	08/18/17	259182	57.77-
00001 FASTENAL COMPANY	MSHAT201610	00172043	16007418	PAPER TOWELS/SOAP TRAFF/CONST	08/18/17	259182	61.42-
00001 FASTENAL COMPANY	MSHAT201068	00171376	16007471	PROBING ROD P/W CREW WORKERS	08/18/17	259182	105.33-
00001 FASTENAL COMPANY	MSHAT198256	00169242	16007472	GATORADE P/W CREW WORKERS	08/18/17	259182	152.08-
00001 FASTENAL COMPANY	MSHAT198292	00169242	16007473	GATORADE P/W CREW WORKERS	08/18/17	259182	105.12-
00001 FASTENAL COMPANY	MSHAT201361	00171960	16007474	GATORADE P/W CREW WORKERS	08/18/17	259182	514.44-
00001 FASTENAL COMPANY	MSHAT199020	00169712	16007476	SAFETY VESTS P/W CREW WORKERS	08/18/17	259182	70.00-
00001 FASTENAL COMPANY	MSHAT199978	00169712	16007477	SAFETY VESTS P/W CREW WORKERS	08/18/17	259182	35.00-
00001 FASTENAL COMPANY	MSHAT201671	00172306	16007478	WORK GLOVES P/W CREW WORKERS	08/18/17	259182	175.50-
00001 FASTENAL COMPANY	MSHAT201256	00171831	16007479	ACID WASH BRUSHES/HANDLES	08/18/17	259182	111.45-
00001 FASTENAL COMPANY	MSHAT201362	00172010	16007480	MULTI-PURPOSE SPRAYERS	08/18/17	259182	253.14-
FASTENAL COMPANY Sum							1,641.25-
00001 FEDERAL EXPRESS	5-870-08313(	00172230	16007159	SERV 7/10/17 MAYOR BARKER	08/18/17	259183	25.56-
00001 FEDERAL EXPRESS	5-870-08313(	00172206	16007205	SRVS 7/10,7/12 ENGR DEPT	08/18/17	259183	61.52-
FEDERAL EXPRESS Sum							87.08-
00001 FIRESTONE COMPLETE AUTO	227030	00172186	16007161	OIL CHANGE PLANNING UNIT	08/18/17	259185	49.20-
FIRESTONE COMPLETE AUTO Sum							49.20-
00001 FORREST GENERAL HOSPITAL	H90076429700	00172191	16007185	SRV 6/6/17 BOURNE PRISONER	08/18/17	259187	285.00-
00001 FORREST GENERAL HOSPITAL	H90076593901	00172191	16007186	SRV 6/9/17 TRUSSELL PRISONER	08/18/17	259187	1,829.35-
FORREST GENERAL HOSPITAL Sum							2,114.35-

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00001 FORREST GENERAL HOSPITAL	EAP CHARGE 8	00172215	16007166	EAP CHARGE 8/17	08/18/17	259188	1,785.00-
FORREST GENERAL HOSPITAL Sum							1,785.00-
00001 FRAZIER, NKRUMAH	TRAV ADVANCE	00172631	16007632	TRAV ADV RECYCLING CONF	08/18/17	259190	91.00-
00001 FRAZIER, NKRUMAH	TRAV ADVANCE	00172636	16007633	TRAV ADV KEEP MS/AL BUTFL CNF	08/18/17	259190	82.00-
FRAZIER, NKRUMAH Sum							173.00-
00001 FUELMAN OF MS	BG127044 NP5	00172419	16007437	FUEL CHG 7/25/17 PRESLEY	08/18/17	259192	33.63-
00001 FUELMAN OF MS	BG127044 NP5	00172439	16007438	FUEL CHG 7/24/17 ROBINSON	08/18/17	259192	27.90-
00001 FUELMAN OF MS	BG127044 NP5	00172499	16007486	FUEL 7/17-23/17 ANIMAL CNTRL	08/18/17	259192	23.36-
00001 FUELMAN OF MS	BG127044 NP5	00172557	16007532	FUEL CHGS 8/3-5/17 MOONEY	08/18/17	259192	74.53-
FUELMAN OF MS Sum							159.42-
00001 FURNITURE DIRECT	1837	00172107	16007416	RECLINERS #2 FIRE TORNADO '17	08/18/17	259193	1,947.00-
FURNITURE DIRECT Sum							1,947.00-
00001 FV RECYCLING	2017-2255	00172359	16007369	RECYCLE FEES 6/17 SANIT	08/18/17	259194	42.75-
00001 FV RECYCLING	2017-2316	00172359	16007370	RECYCLE FEES 6/17 SANIT	08/18/17	259194	46.25-
00001 FV RECYCLING	483732	00172359	16007371	RECYCLE FEES 7/17 SANIT	08/18/17	259194	85.50-
00001 FV RECYCLING	2047-5281	00172359	16007372	RECYCLE FEES 8/17 SANIT	08/18/17	259194	22.25-
00001 FV RECYCLING	2017-5282	00172359	16007373	RECYCLE FEES 8/17 SANIT	08/18/17	259194	101.25-
00001 FV RECYCLING	2017-5272	00172359	16007374	RECYCLE FEES 8/17 SANIT	08/18/17	259194	43.75-
00001 FV RECYCLING	2017-2593	00172388	16007396	RECYCLE FEES 7/17 SANIT	08/18/17	259194	67.50-
00001 FV RECYCLING	2017-2601	00172388	16007397	RECYCLE FEES 7/17 SANIT	08/18/17	259194	29.25-
00001 FV RECYCLING	2017-2592	00172388	16007398	RECYCLE FEES 7/17 SANIT	08/18/17	259194	43.50-
00001 FV RECYCLING	2017-5364	00172506	16007514	RECYCLE FEES 8/17 SANIT	08/18/17	259194	113.00-
00001 FV RECYCLING	2017-5375	00172600	16007641	RECYCLE FEES 8/17 SANIT	08/18/17	259194	52.50-
00001 FV RECYCLING	2017-5389	00172600	16007642	RECYCLE FEES 8/17 SANIT	08/18/17	259194	85.50-
FV RECYCLING Sum							733.00-
00001 GALL'S LLC	008008934	00171957	16007539	DRESS SHOES CAPTAIN FLEMING	08/18/17	259195	129.95-
GALL'S LLC Sum							129.95-
00001 GARNER LUMLEY ELECTRIC S	539572	00171734	16007174	ELEC SUPP #5 FIRE STA LIGHTS	08/18/17	259196	107.50-
00001 GARNER LUMLEY ELECTRIC S	540145	00172342	16007542	ELEC SUPP #2 FIRE TORNADO '17	08/18/17	259196	78.07-
00001 GARNER LUMLEY ELECTRIC S	540146	00172325	16007543	ELEC SUPP #8 FIRE STA LIGHTS	08/18/17	259196	78.56-
00001 GARNER LUMLEY ELECTRIC S	540017	00172265	16007546	ELEC SUPP CHAIN PARK	08/18/17	259196	141.20-
GARNER LUMLEY ELECTRIC S Sum							405.33-
00001 GILLILANDS ELECTRONICS S	64604	00172188	16007157	FIRE ALARM 8/17-8/18 COURT	08/18/17	259197	420.00-
00001 GILLILANDS ELECTRONICS S	64646	00171907	16007169	EXIT BUTTON OFFC MGR ADM DOOR	08/18/17	259197	300.00-
00001 GILLILANDS ELECTRONICS S	64675	00172263	16007304	HANDSET ASSEMBLY	08/18/17	259197	33.36-
00001 GILLILANDS ELECTRONICS S	64678	00172374	16007365	PHONE REPR T EVANS OFFICE	08/18/17	259197	75.00-

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00001 GILLILANDS ELECTRONICS S	64704	00172495	16007462	REPR DOORBELL/PANIC BUTTON	08/18/17	259197	173.78-
00001 GILLILANDS ELECTRONICS S	64722	00172609	16007628	COMPUTER CONNECTIONS #6 FIRE	08/18/17	259197	231.20-
GILLILANDS ELECTRONICS S Sum							1,233.34-
00001 GREATER HATTIESBURG HOME 2017 MBRSH	P	00172596	16007577	2017 MBRSH DUES J MITCHELL	08/18/17	259199	470.00-
GREATER HATTIESBURG HOME Sum							470.00-
00001 GULF STATES DISTRIBUTORS	1276158-IN	00171640	16007541	AMMUNITION P/F ACADEMY	08/18/17	259201	925.00-
00001 GULF STATES DISTRIBUTORS	1276626-CM	00171640	16007548	CREDIT	08/18/17	259201	925.00
00001 GULF STATES DISTRIBUTORS	1276627-IN	00171640	16007549	AMMUNITION P/F ACADEMY	08/18/17	259201	1,050.00-
GULF STATES DISTRIBUTORS Sum							1,050.00-
00001 H'BURG COCA COLA BOTTLIN	1097218763	00171860	16007156	BOTTLED WATER CITY COUNCIL	08/18/17	259203	68.50-
H'BURG COCA COLA BOTTLIN Sum							68.50-
00001 HADDOX, REID, EUBANK, BE	217290	00172264	16007243	SRVS RESPONSE/CITY AUDITORS	08/18/17	259205	562.50-
HADDOX, REID, EUBANK, BE Sum							562.50-
00001 HALSEN PRODUCTS COMPANY	0129094-IN	00171036	16007301	MESH SIGNS CREW WORKERS	08/18/17	259206	252.00-
00001 HALSEN PRODUCTS COMPANY	0129094-IN F	00172310	16007303	FREIGHT CHG PO#171036	08/18/17	259206	30.67-
00001 HALSEN PRODUCTS COMPANY	0129172-IN	00172149	16007421	RAINSUITS/GLOVES	08/18/17	259206	448.67-
00001 HALSEN PRODUCTS COMPANY	0129186-IN	00172149	16007422	SAFETY GLASSES	08/18/17	259206	238.80-
HALSEN PRODUCTS COMPANY Sum							970.14-
00001 HARRELL, KENNY (POLL WOR 8/8/17		00172414	16007376	ELECTION COMMISSIONER	08/08/17	112059	504.00-
HARRELL, KENNY (POLL WOR Sum							504.00-
00001 HATTIESBURG AMERICAN-ACC	H12998 60328	00172370	16007359	CITY WIDE ADS AND NOTICES	08/18/17	259202	179.98-
HATTIESBURG AMERICAN-ACC Sum							179.98-
00001 HATTIESBURG HYDRAULICS I	69407	00170400	16007197	REPR PTS U#16009	08/18/17	259208	88.64-
00001 HATTIESBURG HYDRAULICS I	70575	00172558	16007645	REPR HYD POLE SAW TREE CREW	08/18/17	259208	238.69-
HATTIESBURG HYDRAULICS I Sum							327.33-
00001 HAVARD PEST CONTROL INC	1158623	02017749	16007555	SERV 8/17 #7 FIRE STA	08/18/17	259209	48.00-
00001 HAVARD PEST CONTROL INC	1158650	02017749	16007556	SERV 8/17 EMP MED CENTER	08/18/17	259209	48.00-
HAVARD PEST CONTROL INC Sum							96.00-

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00001 HESSION, CHANCE	TRAVEL REIMB	00172332	16007335	EXPNS ROPE RESCUE CLASS	08/18/17	259210	39.29-
HESSION, CHANCE Sum							39.29-
00001 HICKS, INES F (#75935)	TRAV ADVANCE	00172365	16007355	TRAV ADV MENTAL HEALTH LEARN	08/18/17	259211	895.56-
00001 HICKS, INES F (#75935)	TRAVEL REIMB	00172614	16007611	EXPNS CRT CLK CONF BILOXI	08/18/17	259212	24.63-
HICKS, INES F (#75935) Sum							920.19-
00001 HILL & BROOKS COFFEE & T	700108	00172390	16007380	COFFEE SERV M/ADM	08/18/17	259213	74.91-
HILL & BROOKS COFFEE & T Sum							74.91-
00001 HOL-MAC CORPORATION	341319	00172076	16007306	REPR PTS U#19887 SANIT	08/18/17	259214	123.99-
HOL-MAC CORPORATION Sum							123.99-
00001 HOLLIMON CONSTRUCTION	PO#171560 8/	00171560	16007582	REMODEL YOUTH ART CENTER	08/18/17	259215	12,200.00-
HOLLIMON CONSTRUCTION Sum							12,200.00-
00001 HOOD, CHINIKA	TRAVEL REIMB	00172582	16007558	EXPNS MML CONF BILOXI	08/18/17	259216	68.72-
HOOD, CHINIKA Sum							68.72-
00001 HUGHES SUPPLY	S150440820.0	00171459	16007164	SUPP RETURN VENT CITY HALL	08/18/17	259217	198.40-
00001 HUGHES SUPPLY	S150660715.0	00172033	16007165	A/C SUPP CITY HALL	08/18/17	259217	312.12-
00001 HUGHES SUPPLY	S150618785.0	00171878	16007440	A/C SWITCH 3RD FLR CITY HALL	08/18/17	259217	39.13-
HUGHES SUPPLY Sum							549.65-
00001 INDOFF INC	2987961	00171527	16007189	OFFICE SUPP TRAFFIC DEPT	08/18/17	259218	45.98-
00001 INDOFF INC	2986375	00171864	16007208	OFFICE SUPP CEMETERY	08/18/17	259218	159.93-
00001 INDOFF INC	2987963	00172022	16007324	OFFICE SUPPP PUB WORKS/CONSTR	08/18/17	259218	1,144.36-
00001 INDOFF INC	2969320	00170912	16007387	JANIT SUPP FIRE DEPT	08/18/17	259218	788.23-
00001 INDOFF INC	2978506	00171221	16007393	OFFICE SUPP PUBLIC WORKS	08/18/17	259218	241.24-
00001 INDOFF INC	2988661	00172051	16007394	OFFICE SUPP PUBLIC WORKS	08/18/17	259218	359.95-
00001 INDOFF INC	2989026	00172122	16007395	RECYCLE PROMO SUPPLIES	08/18/17	259218	380.05-
00001 INDOFF INC	2984877	00171863	16007415	JANIT SUPP FIRE DEPT	08/18/17	259218	846.12-
00001 INDOFF INC	2974513	00171281	16007420	OFFICE SUPP PUBLIC WORKS	08/18/17	259218	200.93-
INDOFF INC Sum							4,166.79-
00001 INSTITUTE OF POLICE TECH	REG TAPP 9/1	00172525	16007508	REG TAPP INTERNAL AFFAIRS CLS	08/18/17	259220	795.00-
INSTITUTE OF POLICE TECH Sum							795.00-
00001 INTL INSTITUTE OF MUNICI	23949 BERNAR	00172528	16007518	MBRSHIP RNWL BERNARDO 9/30/18	08/18/17	259221	200.00-

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00001 INTL INSTITUTE OF MUNICI	31037 LUU 20	00172528	16007519	MBRSHP DUES LUU 9/30/18	08/18/17	259221	100.00-
INTL INSTITUTE OF MUNICI Sum							300.00-
00001 IRBY, STUART C CO	S010294249.0	00172094	16007475	HAND TOOLS CONSTR DEPT	08/18/17	259222	510.63-
IRBY, STUART C CO Sum							510.63-
00001 JOHNNY'S WRECKER SERVICE	32816	00172446	16007442	TOWING U#15491 FIRE DEPT	08/18/17	259225	350.00-
JOHNNY'S WRECKER SERVICE Sum							350.00-
00001 JONES-RUSSELL, CAROL L	SERVS 4/19-8	00172586	16007557	PRO TEMP SERVICES	08/18/17	259228	4,600.00-
JONES-RUSSELL, CAROL L Sum							4,600.00-
00001 JONES, OPHELIA	TRAV ADVANCE	00172367	16007356	TRAV ADV MENTAL HEALTH LEARN	08/18/17	259230	618.06-
JONES, OPHELIA Sum							618.06-
00001 K DEARMAN MEDIA, LLC	617COH	00171418	16007622	MAYOR/COUNCIL 2017 PORTRAITS	08/18/17	259234	635.00-
00001 K DEARMAN MEDIA, LLC	617-2COH	00171419	16007623	INAUGURATION DAY PHOTOGRAPHY	08/18/17	259234	475.00-
K DEARMAN MEDIA, LLC Sum							1,110.00-
00001 KEELING COMPANY (HATTIES	S3221161.001	00171022	16007194	PIPE COUPLINGS	08/18/17	259235	176.64-
00001 KEELING COMPANY (HATTIES	S3256832.001	00172281	16007391	PIPE COUPLINGS DRNGE DEPT	08/18/17	259235	210.10-
KEELING COMPANY (HATTIES Sum							386.74-
00001 KEYS, CODY	TRAVEL REIMB	00172269	16007252	EXPNS HAZARDOUS MATLS TECH	08/18/17	259237	149.76-
KEYS, CODY Sum							149.76-
00001 KRONOS INCORPORATED	11211512	00172427	16007429	SOFTWARE SUPPORT 6/17	08/18/17	259240	9,088.00-
KRONOS INCORPORATED Sum							9,088.00-
00001 LARD OIL COMPANY	0856566-IN	00172116	16007209	MOTOR OIL CEMETERY SHOP	08/18/17	259244	691.59-
00001 LARD OIL COMPANY	0857950-IN(A	00172261	16007510	TRACTOR HYD FLUID PUB WORKS	08/18/17	259244	1,085.70-
00001 LARD OIL COMPANY	0857920-IN(B	00172507	16007511	ADDL AMT DUE PO#172261	08/18/17	259244	21.79-
LARD OIL COMPANY Sum							1,799.08-
00001 LARRY'S WRECKER SERVICE	3482	00172313	16007332	TOWING U#16654 POLICE	08/18/17	259245	55.00-
00001 LARRY'S WRECKER SERVICE	3488	00172313	16007333	TOWING U#17573 POLICE	08/18/17	259245	55.00-

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LARRY'S WRECKER SERVICE							
Sum							110.00-
00001 LINEBARGER GOGGAN BLAIR	7/17/2017	02017736	16007423	POLICE FINES COLL.FEE	08/18/17	259247	1,359.61-
00001 LINEBARGER GOGGAN BLAIR	7/31/2017	02017748	16007534	POLICE FINES COLL.FEE	08/18/17	259247	834.00-
LINEBARGER GOGGAN BLAIR							
Sum							2,193.61-
00001 LOWE'S OF HATTIESBURG IN	981927	00171547	16007322	WASP SPRAY CONSTR/TRAFFIC	08/18/17	259248	34.20-
00001 LOWE'S OF HATTIESBURG IN	924138	00171360	16007323	BAGS OF ASPHALT PUBLIC WORKS	08/18/17	259248	929.60-
00001 LOWE'S OF HATTIESBURG IN	981925	00171549	16007325	HAND DRILL CONSTR DEPT	08/18/17	259248	141.55-
LOWE'S OF HATTIESBURG IN							
Sum							1,105.35-
00001 LUU, LISA		TRAVEL REIMB 00172248	16007224	EXPNS MML CONF BILOXI	08/18/17	259250	1.78-
LUU, LISA							
Sum							1.78-
00001 MAC PAPERS	386873	00171996	16007162	PAPER/ENVELOPES IT/LDC	08/18/17	259251	130.62-
MAC PAPERS							
Sum							130.62-
00001 MALLOY, KAREN		TRAV ADVANCE 00172366	16007357	TRAV ADV MENTAL HEALTH LEARN	08/18/17	259253	618.06-
00001 MALLOY, KAREN		TRAVEL REIMB 00172616	16007612	EXPNS CRT CLK CONF BILOXI	08/18/17	259253	2.66-
MALLOY, KAREN							
Sum							620.72-
00001 MCCLAIN, JACQUILINE		TRAV ADVANCE 00172629	16007634	TRAV ADV RECYCLING CONF	08/18/17	259254	91.00-
00001 MCCLAIN, JACQUILINE		TRAV ADVANCE 00172648	16007635	TRAV ADV KEEP MS/AL BUTFL CNF	08/18/17	259254	132.00-
MCCLAIN, JACQUILINE							
Sum							223.00-
00001 MCELHANEY PLUMBING INC	259013	00172328	16007463	WTR FOUNTAIN FILTERS C HALL	08/18/17	259255	30.85-
MCELHANEY PLUMBING INC							
Sum							30.85-
00001 MEDICAL ANALYSIS-GHV	10253	00172295	16007298	CLINIC MGMT/LAB FEES 8/17	08/18/17	259257	30,099.59-
MEDICAL ANALYSIS-GHV							
Sum							30,099.59-
00001 METRO CRIMESTOPPERS INC		CITY COURT C 02017711	16007221	CITY COURT COST 7/17	08/03/17	112045	1,361.15-
METRO CRIMESTOPPERS INC							
Sum							1,361.15-
00001 MISSISSIPPI FIRE SERVICE REG LEWIS 10		00172621	16007626	REG LEWIS CHIEF'S CNF BILOXI	08/18/17	259259	135.00-
00001 MISSISSIPPI FIRE SERVICE REG STEPHENS		00172621	16007627	REG STEPHENS CHIEF'S CNF	08/18/17	259259	135.00-
MISSISSIPPI FIRE SERVICE							

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Sum							270.00-
00001 MOLLY MAID	SERVS 8/17 C	00172277	16007264	SERVS 8/17 HIGHLAND CEMETERY	08/18/17	259261	245.00-
MOLLY MAID							245.00-
Sum							245.00-
00001 MORGAN, C J INC	2017055	00172175	16007206	REPAIRS 6TH AVENUE	08/18/17	259262	17,242.75-
MORGAN, C J INC							17,242.75-
Sum							17,242.75-
00001 MOSLEY, HALLE	PO#171896 7/	00171896	16007401	VIDEOS 3 NATL NIGHT OUT EVNTS	08/18/17	259264	500.00-
MOSLEY, HALLE							500.00-
Sum							500.00-
00001 MR. SIPPI BEVERAGES	059261	00172562	16007520	DRINKING WATER MUN COURT	08/18/17	259265	49.65-
MR. SIPPI BEVERAGES							49.65-
Sum							49.65-
00001 MS DEPARTMENT OF ENVIRON	UST-00021489	00172288	16007260	TANK FEES 7/17-6/18	08/18/17	259266	200.00-
MS DEPARTMENT OF ENVIRON							200.00-
Sum							200.00-
00001 MS GRASS NURSERY	28777	00171557	16007210	GRASS SOD FOR CEMETERIES	08/18/17	259267	130.00-
00001 MS GRASS NURSERY	28853	00171557	16007211	GRASS SOD CEMETERIES	08/18/17	259267	130.00-
00001 MS GRASS NURSERY	28866	00172256	16007300	GRASS SOD SOUTHERN AVE	08/18/17	259267	130.00-
MS GRASS NURSERY							390.00-
Sum							390.00-
00001 MS POLICE SUPPLY CO INC	I-1704	00172102	16007413	BDU PANTS POLICE STOCK	08/18/17	259268	610.00-
00001 MS POLICE SUPPLY CO INC	I-1737	00172399	16007564	STREAMLIGHTS FOR HOLSTERS	08/18/17	259268	9,210.00-
MS POLICE SUPPLY CO INC							9,820.00-
Sum							9,820.00-
00001 MS POWER COMPANY	8/17 GENERAL	00201721	16007554	MNTHLY ELEC-GENERAL	08/18/17	259269	10,647.28-
MS POWER COMPANY							10,647.28-
Sum							10,647.28-
00001 MS STATE DEVELOPMENT AUT	GRANT R-103-	02017732	16007389	HCL LEVERAGE LENDER 7/17	08/09/17	112063	10,117.67-
00001 MS STATE DEVELOPMENT AUT	GRANT R-103-	02017733	16007399	HCL LEVERAGE LENDER 8/17	08/09/17	112064	10,117.67-
MS STATE DEVELOPMENT AUT							20,235.34-
Sum							20,235.34-
00001 MS STATE/TREASURER/FINAN	FINE COLLECT	02017712	16007220	FINE COLLECTIONS 7/17	08/03/17	112044	70,212.93-
MS STATE/TREASURER/FINAN							70,212.93-
Sum							70,212.93-
00001 MULTITECH OFFICE MACHINE	17080056	00172249	16007383	PRINTER SUPP INFO TECH	08/18/17	259271	714.60-

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MULTITECH OFFICE MACHINE Sum							714.60-
• 00001 NAPA AUTO PARTS	553325	00165268	16007175	BATTERIES U#19835/14094 FIRE	08/18/17	259273	499.89-
00001 NAPA AUTO PARTS	559618	00168991	16007176	REPR PTS VARI FIRE UNITS	08/18/17	259273	315.96-
00001 NAPA AUTO PARTS	561950	00170576	16007177	REPR PTS U#13560 FIRE DEPT	08/18/17	259273	170.81-
00001 NAPA AUTO PARTS	5930-564450	00172210	16007178	REPR PTS U#14094 FIRE DEPT	08/18/17	259273	134.10-
00001 NAPA AUTO PARTS	5930-564306	00172147	16007198	REPR PTS U#11838/14714	08/18/17	259273	339.04-
00001 NAPA AUTO PARTS	561060	00168991	16007200	CREDIT	08/18/17	259273	15.22
NAPA AUTO PARTS Sum							1,444.58-
00001 NEIGHBORHOODS USA (NUSA)	NUSA-HMS-17	00172434	16007428	CITY MBRSHIP DUES 2017	08/18/17	259275	100.00-
NEIGHBORHOODS USA (NUSA) Sum							100.00-
00001 NEWELL PAPER COMPANY	4006129	00172044	16007190	JANIT SUPP TRAFFIC DEPT	08/18/17	259277	200.31-
00001 NEWELL PAPER COMPANY	4006651	00172153	16007339	JANIT SUPP ACCTG/PURCHASING	08/18/17	259277	261.42-
NEWELL PAPER COMPANY Sum							461.73-
00001 NORFOLK SOUTHERN CORP	90417688	00172485	16007482	8/17 LEASE RR ST PK LOT	08/18/17	259278	1,943.51-
NORFOLK SOUTHERN CORP Sum							1,943.51-
00001 NOVACOPY (FORMELY SOUT)	836091	00171548	16007341	COPIER REPR #1 FIRE STA	08/18/17	259280	168.90-
NOVACOPY (FORMELY SOUT) Sum							168.90-
00001 O'FLYNN, SALLY J, ATTORN	TRAV ADVANCE	00172363	16007358	TRAV ADV MENTAL HEALTH LEARN	08/18/17	259281	618.06-
O'FLYNN, SALLY J, ATTORN Sum							618.06-
00001 OFFICE DEPOT INC	945647819001	00171944	16007172	PROJECTOR FIRE DEPT	08/18/17	259283	192.72-
00001 OFFICE DEPOT INC	945647820001	00171944	16007173	PROJECTION SCREEN FIRE DEPT	08/18/17	259283	48.99-
00001 OFFICE DEPOT INC	2087235661	00171913	16007230	DESK/CHAIR/COPY PAPER	08/18/17	259283	626.86-
00001 OFFICE DEPOT INC	945648048001	00172050	16007235	COPY PAPER LAND CODE	08/18/17	259283	449.52-
00001 OFFICE DEPOT INC	2081865402	00171429	16007307	IPHONE 7 MAYOR BARKER	08/18/17	259283	89.99-
00001 OFFICE DEPOT INC	941842318001	00171429	16007308	OFFICE SUPP INFO TECH	08/18/17	259283	6.89-
00001 OFFICE DEPOT INC	947723857001	00171581	16007403	CALCULATORS MPO DEPT	08/18/17	259283	11.00-
00001 OFFICE DEPOT INC	947752098001	00171581	16007404	OFFICE SUPP MPO DEPT	08/18/17	259283	151.64-
00001 OFFICE DEPOT INC	947723859001	00171581	16007405	OFFICE SUPP MPO DEPT	08/18/17	259283	2.00-
00001 OFFICE DEPOT INC	947752097001	00171584	16007406	OFFICE SUPP GIS DEPT	08/18/17	259283	2.78-
00001 OFFICE DEPOT INC	947752096001	00171584	16007407	OFFICE SUPP GIS DEPT	08/18/17	259283	25.35-
00001 OFFICE DEPOT INC	947752098001	00171584	16007408	OFFICE SUPP GIS DEPT	08/18/17	259283	86.39-
00001 OFFICE DEPOT INC	947752095001	00171584	16007409	OFFICE SUPP GIS DEPT	08/18/17	259283	68.99-
00001 OFFICE DEPOT INC	947743295001	00171583	16007410	COPY PAPER MPO DEPT	08/18/17	259283	39.50-
00001 OFFICE DEPOT INC	2092354182	00172174	16007537	OFFICE CHAIRS POLICE DEPT	08/18/17	259283	749.97-
00001 OFFICE DEPOT INC	949155629001	00172174	16007538	OFFICE CHAIRS POLICE DEPT	08/18/17	259283	749.97-
00001 OFFICE DEPOT INC	2093675682	00171978	16007544	OFFICE SUPP CONSTR DEPT	08/18/17	259283	72.27-

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00001 OFFICE DEPOT INC	2094916050	00171978	16007545	OFFICE SUPP CONSTR DEPT	08/18/17	259283	72.27-
00001 OFFICE DEPOT INC	2092362032	00172251	16007562	COMPUTER SUPP VARI DEPTS	08/18/17	259283	1,108.30-
OFFICE DEPOT INC Sum							4,555.40-
00001 OFFICE PRODUCTS PLUS	801244-0	00171947	16007227	OFFICE SUPP POLICE DEPT	08/18/17	259284	402.61-
00001 OFFICE PRODUCTS PLUS	801244-1	00171947	16007228	OFFICE SUPP POLICE DEPT	08/18/17	259284	45.50-
00001 OFFICE PRODUCTS PLUS	802684-0	00172333	16007441	UPDATE LOBBY FURNITURE ACDMY	08/18/17	259284	1,728.80-
00001 OFFICE PRODUCTS PLUS	803537-0	00172551	16007624	OFFICE SUPP P/F ACADEMY	08/18/17	259284	666.80-
00001 OFFICE PRODUCTS PLUS	803537-1	00172551	16007625	JANIT SUPP P/F ACADEMY	08/18/17	259284	91.18-
OFFICE PRODUCTS PLUS Sum							2,934.89-
00001 ORECK FLOOR CARE CENTER	22839	00171986	16007234	VACUUM #2 FIRE TORNADO 2017	08/18/17	259285	225.00-
ORECK FLOOR CARE CENTER Sum							225.00-
00001 OWENS BUSINESS MACHINES	337016	00172217	16007170	COPIER 8/17-7/18 POLICE	08/18/17	259286	690.00-
00001 OWENS BUSINESS MACHINES	336139	00172296	16007296	COPIER 7/17 M/ADM	08/18/17	259286	44.29-
00001 OWENS BUSINESS MACHINES	336138	00172297	16007297	COPIER 8/17 M/ADM	08/18/17	259286	187.00-
OWENS BUSINESS MACHINES Sum							921.29-
00001 PEARL RIVER VALLEY EPA (	8/17 GENERAL	00201721	16007552	MNTHLY 8/17 PUBLIC SERVICES	08/18/17	259288	6,984.27-
PEARL RIVER VALLEY EPA (							6,984.27-
Sum							
00001 PINE BELT OIL COMPANY IN	10492311	00172219	16007294	GAS FOR FUEL STATION	08/18/17	259293	10,113.22-
00001 PINE BELT OIL COMPANY IN	10489361	00172219	16007295	DIESEL FOR FUEL STATION	08/18/17	259293	6,753.06-
00001 PINE BELT OIL COMPANY IN	POLICE 7/1-7	00172377	16007360	REMOTE SITE FUEL CHGS 7/17	08/18/17	259293	1,094.48-
00001 PINE BELT OIL COMPANY IN	FIRE 7/1-7/3	00172377	16007361	REMOTE SITE FUEL CHGS 7/17	08/18/17	259293	1,340.88-
00001 PINE BELT OIL COMPANY IN	1139032	00172376	16007366	FUEL SERVICES	08/18/17	259293	419.45-
00001 PINE BELT OIL COMPANY IN	10492561	00172362	16007535	GAS FOR FUEL STATION	08/18/17	259293	11,005.17-
00001 PINE BELT OIL COMPANY IN	10492562	00172362	16007536	DIESEL FOR FUEL STATION	08/18/17	259293	6,930.40-
00001 PINE BELT OIL COMPANY IN	1049260	00172540	16007606	GAS FOR FUEL STATION	08/18/17	259293	10,578.73-
00001 PINE BELT OIL COMPANY IN	1048948	00172540	16007607	DIESEL FOR FUEL STATION	08/18/17	259293	6,500.17-
PINE BELT OIL COMPANY IN Sum							54,735.56-
00001 POWER PLUS INC	56993	00172148	16007212	TRIMMERS FOR CEMETERY	08/18/17	259298	944.92-
POWER PLUS INC Sum							944.92-
00001 PRECISION DELTA CORP	9569	00171615	16007231	AMMUNITION P/F ACADEMY	08/18/17	259299	690.05-
00001 PRECISION DELTA CORP	9630	00171615	16007232	AMMUNITION P/F ACADEMY	08/18/17	259299	3,276.00-
PRECISION DELTA CORP Sum							3,966.05-
00001 PREMIER ENTERTAINMENT BI	CONF# 558116	00172482	16007460	GROUP HOTEL MML CONF 12 EMP	08/18/17	259300	5,671.26-

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PREMIER ENTERTAINMENT BI Sum							5,671.26-
00001 PRESLEY, PAUL E	TRAVEL REIMB	00172372	16007363	EXPNS MML CONF BILOXI	08/18/17	259301	45.61-
PRESLEY, PAUL E Sum							45.61-
00001 PRO TRAVEL INC	22258 HAMMET	00171594	16007505	AIRFARE HAMMETT DRUG CRT CNF	08/18/17	259302	523.40-
PRO TRAVEL INC Sum							523.40-
00001 PUCKETT RENTS	612086-0001	00171830	16007348	TOOLS/GAS CANS WORK CREWS	08/18/17	259303	861.75-
PUCKETT RENTS Sum							861.75-
00001 PYLE, MILLS & DYE PA	1292.0006M #	00172535	16007524	SRVS PETAL SEWER RATE ISSUE	08/18/17	259304	80.00-
00001 PYLE, MILLS & DYE PA	1292.0011M #	00172535	16007525	SRVS SEWER CONTRACTS	08/18/17	259304	489.27-
00001 PYLE, MILLS & DYE PA	1292.0012M #	00172535	16007526	SRVS 2016 ANNEXATION	08/18/17	259304	21,724.95-
00001 PYLE, MILLS & DYE PA	1292.0013M #	00172535	16007527	SRVS PETAL 2016 ANNEXATION	08/18/17	259304	2,985.97-
PYLE, MILLS & DYE PA Sum							25,280.19-
00001 QUALITY ELECTRIC COMPANY 4781		00172441	16007638	ELEC SUPP SHOP	08/18/17	259305	650.11-
QUALITY ELECTRIC COMPANY Sum							650.11-
00001 REGIONS BANK (SANITATION	001-0000902-	02017750	16007604	GARB TRK LEASE DUE 8/17	08/16/17	112076	41,376.52-
REGIONS BANK (SANITATION Sum							41,376.52-
00001 REGIONS CARDHOLDER SERVI	7079 7/31/17	00171478	16007488	HOTEL CRT CLK CNF 4 EMP	08/18/17	259307	931.76-
00001 REGIONS CARDHOLDER SERVI	7079 7/31/17	00171591	16007489	HAMMETT DRUG CRT CNF 7/8-13	08/18/17	259307	1,351.32-
00001 REGIONS CARDHOLDER SERVI	7079 7/31/17	00172013	16007490	EATON MML CONF 6/23-27/17	08/18/17	259307	27.60-
00001 REGIONS CARDHOLDER SERVI	7079 7/31/17	00171886	16007491	AIRPT SHUTTLE ARCHER 11/13-17	08/18/17	259307	125.94-
00001 REGIONS CARDHOLDER SERVI	7079 7/31/17	00171888	16007492	REG ARCHER NPT CNF 11/13-17	08/18/17	259307	535.00-
00001 REGIONS CARDHOLDER SERVI	7079 7/31/17	00171780	16007493	FOOD OUTREACH WORK SHOP 7/18	08/18/17	259307	53.26-
00001 REGIONS CARDHOLDER SERVI	7079 7/31/17	00172143	16007494	CO2 CARTRIDGES FOR SIMULATOR	08/18/17	259307	126.78-
00001 REGIONS CARDHOLDER SERVI	7079 7/31/17	00171182	16007495	EXPN FONTAINE/RICHARDSON 7/10	08/18/17	259307	1,735.82-
00001 REGIONS CARDHOLDER SERVI	7079 7/31/17	00171989	16007496	MINOR EQUIP #2 FIRE TORNADO	08/18/17	259307	600.32-
00001 REGIONS CARDHOLDER SERVI	7079 7/31/17	00172018	16007497	UTENSILS #2 FIRE TORNADO 2017	08/18/17	259307	373.30-
00001 REGIONS CARDHOLDER SERVI	7079 7/31/17	00172200	16007498	IBC CERTIF FEE KEVIN BATES	08/18/17	259307	95.00-
00001 REGIONS CARDHOLDER SERVI	7079 7/31/17	00171570	16007499	REG BATES 2012 IBC CLASS	08/18/17	259307	79.00-
00001 REGIONS CARDHOLDER SERVI	7079 7/31/17	00172126	16007500	REG BATES ONLINE IBC CLASS	08/18/17	259307	45.00-
REGIONS CARDHOLDER SERVI Sum							6,080.10-
00001 RICOH CORP	1070945793	00171399	16007382	DRUM/DEVEL UNIT NBRHD COORD	08/18/17	259308	527.83-
00001 RICOH CORP	5049626675 G	00172440	16007427	PRODUCTION PRINTER CHARGES	08/18/17	259308	1,135.35-
00001 RICOH CORP	5048300074	00172579	16007575	COPIER 5/17 LAND CODE DEPT	08/18/17	259308	144.86-

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00001 RICOH CORP	23038377	00172579	16007576	COPIER 7/17 LAND CODE DEPT	08/18/17	259308	110.00-
00001 RICOH CORP	5049685556	00172634	16007614	COPIER 7/17 HUMAN RES	08/18/17	259308	119.17-
RICOH CORP Sum							2,037.21-
00001 RJ YOUNG COMPANY	INV1974642	00172182	16007158	COPIER 6/24-7/23 COURT	08/18/17	259309	168.00-
00001 RJ YOUNG COMPANY	INV1989176	00172389	16007386	COPIER 6/28-7/27 P/F ACADEMY	08/18/17	259309	373.85-
00001 RJ YOUNG COMPANY	INV1989177	00172386	16007388	COPIER 6/28-7/27 FIRE DEPT	08/18/17	259309	342.30-
00001 RJ YOUNG COMPANY	INV1977573	00172541	16007522	COPIER 6/25-7/24 MUN COURT	08/18/17	259309	335.00-
00001 RJ YOUNG COMPANY	INV2003700	00172595	16007561	COPIER 7/17 PLANNING DEPT	08/18/17	259309	609.60-
RJ YOUNG COMPANY Sum							1,828.75-
00001 ROCIC-REGIONAL ORGANIZED	0037348-IN	00172329	16007334	SERVICE FEE 6/17-6/18 POLICE	08/18/17	259311	300.00-
ROCIC-REGIONAL ORGANIZED Sum							300.00-
00001 RODCO, LLC	10727(A)	00172483	16007466	PLANS REVIEW WCU-ADM BLDG	08/18/17	259312	550.00-
00001 RODCO, LLC	10727(B)	00172483	16007467	PLANS RVW WCU-TATUM THEATER	08/18/17	259312	347.00-
RODCO, LLC Sum							897.00-
00001 ROPER SUPPLY CO LLC	49360	00169363	16007465	REPR PTS U#17573 POLICE	08/18/17	259314	657.20-
ROPER SUPPLY CO LLC Sum							657.20-
00001 RUTLAND, LAMAR	TRAVEL REIMB	00172615	16007636	EXPNS ESRI USER CNF S DIEGO	08/18/17	259315	1,746.19-
RUTLAND, LAMAR Sum							1,746.19-
00001 SAFE KIDS WORLDWIDE	PO#171898 8/	00171898	16007571	REG(14) CAR SEAT SAFETY CLASS	08/18/17	259316	1,190.00-
SAFE KIDS WORLDWIDE Sum							1,190.00-
00001 SANSOM EQUIPMENT CO	51932	00172470	16007513	REPRS U#16080 SANIT	08/18/17	259319	595.00-
SANSOM EQUIPMENT CO Sum							595.00-
00001 SOLAR SUPPLY INC	3494288	00171661	16007512	A/C SUPP P/W UNIFORM ROOM	08/18/17	259325	617.14-
SOLAR SUPPLY INC Sum							617.14-
00001 SOUTH MS EMERGENCY PHYSI	188373022/27	00172185	16007187	SRV 5/29/17 NICHOLS PRISONER	08/18/17	259326	653.00-
00001 SOUTH MS EMERGENCY PHYSI	188373021/27	00172185	16007188	SRV 5/29/17 NICHOLS PRISONER	08/18/17	259326	1,125.00-
SOUTH MS EMERGENCY PHYSI Sum							1,778.00-

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00001 SOUTHEASTERN CONCRETE CO	28187	00171579	16007278	CONCRETE PUBLIC WORKS	08/18/17	259327	410.00-
00001 SOUTHEASTERN CONCRETE CO	28221	00171579	16007279	CONCRETE PUBLIC WORKS	08/18/17	259327	512.50-
00001 SOUTHEASTERN CONCRETE CO	28256	00171579	16007280	CONCRETE PUBLIC WORKS	08/18/17	259327	563.75-
00001 SOUTHEASTERN CONCRETE CO	28284	00171579	16007281	CONCRETE PUBLIC WORKS	08/18/17	259327	512.50-
00001 SOUTHEASTERN CONCRETE CO	28285	00171579	16007282	CONCRETE PUBLIC WORKS	08/18/17	259327	410.00-
00001 SOUTHEASTERN CONCRETE CO	28322	00171579	16007283	CONCRETE PUBLIC WORKS	08/18/17	259327	666.25-
00001 SOUTHEASTERN CONCRETE CO	28272	00172209	16007284	ADDL AMT DUE PO#171579	08/18/17	259327	205.00-
SOUTHEASTERN CONCRETE CO Sum							3,280.00-
00001 SOUTHERN FINANCIAL SYSTE	CMCHAT2 7/18	02017736	16007424	POLICE FINES COLL.FEE	08/18/17	259328	78.38-
00001 SOUTHERN FINANCIAL SYSTE	CMCHAT3 7/18	02017737	16007425	POLICE FINES COLL.FEE	08/18/17	259328	702.72-
SOUTHERN FINANCIAL SYSTE Sum							781.10-
00001 SOUTHERN PINE ELECTRIC P	8/17 GENERAL	00201721	16007551	MNTHLY 8/17 PUBLIC SERVICES	08/18/17	259331	1,203.71-
SOUTHERN PINE ELECTRIC P Sum							1,203.71-
00001 SOUTHERN TIRE MART LLC	11131616	00172015	16007179	TIRES U#15064 FIRE DEPT	08/18/17	259333	4,192.66-
00001 SOUTHERN TIRE MART LLC	14316358	00171674	16007236	FLAT REPR U#17529	08/18/17	259333	85.00-
00001 SOUTHERN TIRE MART LLC	11131869	00172178	16007344	TIRES U#15893/15892	08/18/17	259333	3,318.08-
00001 SOUTHERN TIRE MART LLC	11131870	00172179	16007345	REPRS U#14956	08/18/17	259333	2,192.04-
00001 SOUTHERN TIRE MART LLC	9023776	00172304	16007364	TIRES/ALIGN U#18603 TRAFFIC	08/18/17	259333	642.55-
SOUTHERN TIRE MART LLC Sum							10,430.33-
00001 SOUTHGROUP (HATTIESBURG	HATTIES-02 1	00172318	16007328	CRIME POLICE RENEWAL	08/18/17	259335	2,814.00-
00001 SOUTHGROUP (HATTIESBURG	HATTIES-02 1	00172344	16007329	BOND PYMT VICTORIA JOHNSON	08/18/17	259335	103.00-
00001 SOUTHGROUP (HATTIESBURG	HATTIES-02 1	00172344	16007330	NOTARY BOND L MCDANIEL	08/18/17	259335	100.00-
00001 SOUTHGROUP (HATTIESBURG	HATTIES-02 1	00172425	16007430	PROPERTY INS 7/15/17-7/15/18	08/18/17	259335	155,809.58-
00001 SOUTHGROUP (HATTIESBURG	HATTIES-02 1	00172425	16007431	EXCESS PROP 7/15/17-7/15/18	08/18/17	259335	38,803.00-
00001 SOUTHGROUP (HATTIESBURG	HATTIES-02 1	00172425	16007432	COMM PROPERTY 7/15/17-7/15/18	08/18/17	259335	11,797.50-
SOUTHGROUP (HATTIESBURG Sum							209,427.08-
00001 SOUTHGROUP (HATTIESBURG	HATTIES-03 1	00172493	16007464	GEN LIABILITY INS 5/17-5/18	08/18/17	259336	1,780.35-
SOUTHGROUP (HATTIESBURG Sum							1,780.35-
00001 SPEEDY PRINTING & SIGNS	24043	00171245	16007402	REPLACE MAYOR'S NAME ON DOOR	08/18/17	259337	75.00-
00001 SPEEDY PRINTING & SIGNS	23629	00168775	16007483	DECALS U#14147 HOMELESS COORD	08/18/17	259337	45.00-
SPEEDY PRINTING & SIGNS Sum							120.00-
00001 STANDARD OFFICE SUPPLY C	0071493-001	00172173	16007375	IMPOUND REPORTS ANIMAL CNTRL	08/18/17	259339	200.00-
00001 STANDARD OFFICE SUPPLY C	0069216-001	00169520	16007517	OFFICE CHAIR	08/18/17	259339	149.00-
00001 STANDARD OFFICE SUPPLY C	0069595-001	00170015	16007559	ELECTION SUPPLIES	08/18/17	259339	79.87-
00001 STANDARD OFFICE SUPPLY C	0069993-001	00170469	16007560	OFFICE SUPP CITY CLERK	08/18/17	259339	8.98-
00001 STANDARD OFFICE SUPPLY C	0069125-001	00168897	16007608	NOTARY STAMPS HICKS/CHAPMAN	08/18/17	259339	93.98-

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00001 STANDARD OFFICE SUPPLY C	0069506-001	00169924	16007609	STORAGE BOXES MUN COURT	08/18/17	259339	719.94-
00001 STANDARD OFFICE SUPPLY C	0069236-001	00168944	16007613	COURTESY CITATIONS MUN COURT	08/18/17	259339	1,237.83-
STANDARD OFFICE SUPPLY C Sum							2,489.60-
00001 STATE FIRE ACADEMY	25493 BARHAM	00172538	16007531	REG BARHAM CLASS 6/26-30/17	08/18/17	259340	380.00-
STATE FIRE ACADEMY Sum							380.00-
00001 STRIBLING EQUIPMENT CO L	CS006093135	00172111	16007199	REPR PTS U#20152	08/18/17	259342	1,669.14-
00001 STRIBLING EQUIPMENT CO L	CS006093186	00172125	16007201	REPR PTS U#20152	08/18/17	259342	246.56-
STRIBLING EQUIPMENT CO L Sum							1,915.70-
00001 TAPP, HARRIS	TRAV ADVANCE	00172554	16007529	TRAV ADV INTERNAL AFFAIRS CLS	08/18/17	259344	1,362.40-
TAPP, HARRIS Sum							1,362.40-
00001 TAYLOR, SHAKITA	TRAV ADVANCE	00172364	16007379	TRAV ADV MENTAL HEALTH LEARN	08/18/17	259345	895.56-
TAYLOR, SHAKITA Sum							895.56-
00001 TEMPLE INC	INV0165601	00170107	16007468	TRAFFIC SIGNAL EQUIP	08/18/17	259347	3,348.00-
00001 TEMPLE INC	INV0165773	00170107	16007469	TRAFFIC SIGNAL EQUIP	08/18/17	259347	254.00-
TEMPLE INC Sum							3,602.00-
00001 THYSSENKRUPP ELEVATOR CO	3003343136	00172486	16007481	MAINT 8/17 PINE ST GARAGE	08/18/17	259348	468.40-
THYSSENKRUPP ELEVATOR CO Sum							468.40-
00001 TI TRAINING CORP	2483	00171911	16007171	HANDGUN RECOIL KIT P/F ACDMY	08/18/17	259349	2,900.00-
TI TRAINING CORP Sum							2,900.00-
00001 TOWNSEND, KIMBERLY	TRAV ADVANCE	00172502	16007501	TRAV ADV HOUSING WORKS CONF	08/18/17	259351	347.78-
TOWNSEND, KIMBERLY Sum							347.78-
00001 TRANSUNION RISK AND ALTE	362606 8/01/	00172338	16007331	ONLINE INVESTIGATIONS 7/17	08/18/17	259352	111.25-
TRANSUNION RISK AND ALTE Sum							111.25-
00001 U P S STORE, THE (HATTIE	PO#172423 8/	00172423	16007570	SHIP SMOKE MACHINE FOR REPAIR	08/18/17	259354	82.00-
U P S STORE, THE (HATTIE Sum							82.00-

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00001 ULTIMATE PARTY #3 (WAS	148106	00172436	16007615	NEIGHBORHOOD COORD SUPPLIES	08/18/17	259356	145.22-
ULTIMATE PARTY #3 (WAS Sum							145.22-
00001 UNITED FENCE COMPANY	PO#172242 8/	00172242	16007367	FENCE REPR JAMESTOWN RD	08/18/17	259358	37.14-
00001 UNITED FENCE COMPANY	00018407	00171652	16007516	FENCE REPR HIGHLAND CEMETERY	08/18/17	259358	646.60-
UNITED FENCE COMPANY Sum							683.74-
00001 UNIVERSITY TIRE & SERVIC	512041	00172158	16007163	TIRES U#18568 INFO TECH	08/18/17	259359	485.00-
00001 UNIVERSITY TIRE & SERVIC	512837	00172467	16007507	TIRES U#19816 POLICE	08/18/17	259359	559.16-
UNIVERSITY TIRE & SERVIC Sum							1,044.16-
00001 V F W OF THE US	PARKING SPAC	00172212	16007214	PARKING SPACES 8/17	08/18/17	259360	75.00-
V F W OF THE US Sum							75.00-
00001 VERIZON WIRELESS	9789308097	00172604	16007621	GIS IPAD	08/18/17	259363	40.01-
VERIZON WIRELESS Sum							40.01-
00001 VULCAN SIGNS	311381	00171516	16007502	STREET SIGNS TRAFFIC DEPT	08/18/17	259364	4,083.20-
VULCAN SIGNS Sum							4,083.20-
00001 WARREN PAVING INC	98	00169542	16007603	MANHOLE RISER RINGS VARI LOC	08/18/17	259366	30,865.35-
WARREN PAVING INC Sum							30,865.35-
00001 WASTE MANAGEMENT OF SOUT	0010080-2526	00172375	16007368	REFUSE DISPOSAL SANIT	08/18/17	259367	2,183.06-
WASTE MANAGEMENT OF SOUT Sum							2,183.06-
00001 WATERS INTERNATIONAL TRU	08P836494	00171639	16007202	REPR PTS U#14406	08/18/17	259368	129.20-
00001 WATERS INTERNATIONAL TRU	08P837435	00171963	16007203	REPR PTS U#12956 & SHOP	08/18/17	259368	151.39-
00001 WATERS INTERNATIONAL TRU	08P838170	00172193	16007204	REPR PTS U#13982	08/18/17	259368	606.83-
00001 WATERS INTERNATIONAL TRU	08P837933	00172106	16007237	REPR PTS U#16008/14410	08/18/17	259368	400.70-
00001 WATERS INTERNATIONAL TRU	08P837858	00172108	16007240	REPR PTS U#16080 SANIT	08/18/17	259368	89.44-
00001 WATERS INTERNATIONAL TRU	08P839147	00172542	16007578	REPR PTS U#14406	08/18/17	259368	214.81-
WATERS INTERNATIONAL TRU Sum							1,592.37-
00001 WB MASON CO INC (FORMERL	I45967912	00171919	16007242	PRINTER INK INFO TECH DEPT	08/18/17	259369	722.58-
WB MASON CO INC (FORMERL Sum							722.58-

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00001 WHEELER'S JANITORIAL SUP	038692	00171851	16007305	JANIT/SAFETY SUPP SANIT	08/18/17	259370	835.06
WHEELER'S JANITORIAL SUP Sum							835.06
00001 WHITE LENOIR, LA'KEYLAH TRAVEL REIMB	00172282	16007244	EXPNS MML CONF BILOXI		08/18/17	259371	130.90
WHITE LENOIR, LA'KEYLAH Sum							130.90
00001 WILLMUT GAS & OIL COMPAN 8/17 GENERAL	00201721	16007553	MNTHLY GAS-GENERAL		08/18/17	259372	578.53
WILLMUT GAS & OIL COMPAN Sum							578.53
Sum							3,114,208.31

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PARKS & RECREATION FUND							
00002 A & A TRANSMISSIONS	15385	00172380	16001549	TRANSMISSION REPR U#11214	08/18/17	259075	1,900.00-
A & A TRANSMISSIONS							
Sum							1,900.00-
00002 A & R FARM AND GARDEN	315903	00172286	16001475	PESTICIDES/TOOLS CHAIN PARK	08/18/17	259076	163.00-
00002 A & R FARM AND GARDEN	315553	00172426	16001509	PAPER STICKS WCU CLEANUP DAY	08/18/17	259076	123.75-
00002 A & R FARM AND GARDEN	316605	00172491	16001560	SNAKE AWAY LEVITT CONCERT	08/18/17	259076	90.00-
A & R FARM AND GARDEN							
Sum							376.75-
00002 AGRI-AFC LLC	5376457	00172233	16001471	CHEMICALS FOR BALLFIELDS	08/18/17	259084	220.00-
AGRI-AFC LLC							
Sum							220.00-
00002 AUTO ARMATURE SERVICE IN	09369	00172227	16001497	ALTERNATOR U#11213 TRUCK	08/18/17	259106	99.95-
00002 AUTO ARMATURE SERVICE IN	09379	00172559	16001565	BATTERY U#7782	08/18/17	259106	79.95-
AUTO ARMATURE SERVICE IN							
Sum							179.90-
00002 AUTOMOTIVE GLASS SPECIAL	I216494	00171670	16001476	WINDOW U#8667	08/18/17	259107	195.00-
00002 AUTOMOTIVE GLASS SPECIAL	I216743	00172034	16001477	GLASS REPR U#9621	08/18/17	259107	245.00-
AUTOMOTIVE GLASS SPECIAL							
Sum							440.00-
00002 BLUE DOLPHIN POOL	29365	00172410	16001494	MNTHLY POOL SERV VARI LOC	08/18/17	259114	631.24-
BLUE DOLPHIN POOL							
Sum							631.24-
00002 BRACKMAN MOWER WAREHOUSE	30664	00171511	16001515	REPRS U#3620	08/18/17	259119	73.85-
00002 BRACKMAN MOWER WAREHOUSE	31639	00171645	16001516	REPR PTS U#19303	08/18/17	259119	96.00-
00002 BRACKMAN MOWER WAREHOUSE	32271	00172061	16001517	REPRS U#17998	08/18/17	259119	190.90-
00002 BRACKMAN MOWER WAREHOUSE	32794	00172257	16001518	PTS/REPRS VARI UNITS	08/18/17	259119	1,035.51-
00002 BRACKMAN MOWER WAREHOUSE	32971	00172403	16001519	WEEDEATER PTS/SUPP	08/18/17	259119	698.60-
00002 BRACKMAN MOWER WAREHOUSE	33003	00172405	16001520	REPRS PUSH MOWER	08/18/17	259119	160.80-
00002 BRACKMAN MOWER WAREHOUSE	30665	00171512	16001522	REPRS U#18708/18709	08/18/17	259119	320.00-
00002 BRACKMAN MOWER WAREHOUSE	33214	00172546	16001566	TIRES/REPRS U#20744	08/18/17	259119	426.06-
00002 BRACKMAN MOWER WAREHOUSE	33217	00172547	16001567	ENGINE REPR U#19464	08/18/17	259119	358.85-
00002 BRACKMAN MOWER WAREHOUSE	33219	00172549	16001568	REPRS U#20232/20234	08/18/17	259119	684.11-
BRACKMAN MOWER WAREHOUSE							
Sum							4,044.68-
00002 BRADDOCK, ARETHA	OFFICIAL 7/2	02017747	16001529	OFFICIAL-ADULT SOFTBALL	08/18/17	259120	200.00-
00002 BRADDOCK, ARETHA	SPORTS SERVS	02017746	16001540	SPORTS SUPPORT SERVICES	08/18/17	259120	64.00-
BRADDOCK, ARETHA							
Sum							264.00-
00002 BRYANT, ERNEST J	SPORTS SERVS	02017746	16001541	SPORTS SUPPORT SERVICES	08/18/17	259121	120.00-

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BRYANT, ERNEST J Sum							120.00-
00002 BUCKHAULTS ELECTRIC SERV	2327	00172408	16001487	REPR TATUM SOCCER CONTROL BRD	08/18/17	259122	1,500.00-
BUCKHAULTS ELECTRIC SERV Sum							1,500.00-
00002 CARQUEST AUTO PARTS STOR	14758-93888	00172228	16001478	REPR PTS U#11213 TRUCK	08/18/17	259129	68.85-
00002 CARQUEST AUTO PARTS STOR	14758-94048	00172320	16001498	REPR PTS U#13130 TRUCK	08/18/17	259129	94.34-
00002 CARQUEST AUTO PARTS STOR	14758-94049	00172320	16001499	REPR PTS U#8937 TRUCK	08/18/17	259129	35.48-
00002 CARQUEST AUTO PARTS STOR	14758-94310	00172404	16001508	POWER STEERING FLUID	08/18/17	259129	69.12-
CARQUEST AUTO PARTS STOR Sum							267.79-
00002 CAWTHON, ANDREW C	OFFICIAL 7/2	02017747	16001530	OFFICIAL-ADULT SOFTBALL	08/18/17	259130	160.00-
CAWTHON, ANDREW C Sum							160.00-
00002 CINTAS CORPORATION #J66	J66550658	00172503	16001525	MATS 7/31 GRNDS MAINT	08/18/17	259144	4.95-
00002 CINTAS CORPORATION #J66	J66551416	00172503	16001526	MATS 8/07 GRNDS MAINT	08/18/17	259144	4.95-
00002 CINTAS CORPORATION #J66	J66550659	00172503	16001527	UNIFORMS 7/03 GRNDS MAINT	08/18/17	259144	136.24-
00002 CINTAS CORPORATION #J66	J66551417	00172503	16001528	UNIFORMS 7/10 GRNDS MAINT	08/18/17	259144	124.28-
CINTAS CORPORATION #J66 Sum							270.42-
00002 CITY OF HATTIESBURG FUND	TRF 1ST 8/17	02017725	16001467	TRF 1ST 8/17 PAYROLL	08/02/17	311503	73,081.61-
00002 CITY OF HATTIESBURG FUND	TRF 2ND 8/17	02017756	16001559	TRF 2ND 8/17 PAYROLL	08/16/17	311524	49,114.67-
CITY OF HATTIESBURG FUND Sum							122,196.28-
00002 COMMERCIAL STATIONERY CO	403411-0	00172407	16001504	OFFICE SUPP MCNAIR CENTER	08/18/17	259151	22.47-
00002 COMMERCIAL STATIONERY CO	403559-0	00172517	16001547	BINDERS FOOTBALL PROG MCNAIR	08/18/17	259151	37.20-
COMMERCIAL STATIONERY CO Sum							59.67-
00002 COUNTRY CREEK RV CENTER	140928	00171179	16001511	A/C REPR PTS CHAIN PK RESTRM	08/18/17	259155	258.10-
00002 COUNTRY CREEK RV CENTER	141533	00171707	16001512	A/C REPR PTS CHAIN PK RESTRM	08/18/17	259155	136.24-
COUNTRY CREEK RV CENTER Sum							394.34-
00002 COURTESY MOTORS INC	459801	00168771	16001558	REPR PT DIRECTOR'S TRUCK	08/18/17	259156	12.93-
COURTESY MOTORS INC Sum							12.93-
00002 DOLEAC ELECTRIC CO INC	H19719(A)	00171519	16001479	LIGHT REPR TATUM BASEBALL	08/18/17	259168	1,000.00-
00002 DOLEAC ELECTRIC CO INC	H19719(B)	00172229	16001480	ADDL AMT DUE PO#171519	08/18/17	259168	375.50-
DOLEAC ELECTRIC CO INC Sum							1,375.50-

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00002 ECONOMY SUPPLY CO	276169	00171436	16001495	A/C REPR TATUM TENNIS	08/18/17	259170	79.62-
ECONOMY SUPPLY CO Sum							79.62-
00002 ELKINS WHOLESALE INC	321686-00	00172401	16001507	JANIT SUPP GRNDS MAINT	08/18/17	259171	849.44-
ELKINS WHOLESALE INC Sum							849.44-
00002 ENDOM TRAILERS	R54474	00172350	16001496	STORAGE POD 7/17 ADDL CHGS	08/18/17	259174	100.00-
00002 ENDOM TRAILERS	W 26456	00172406	16001523	REPRS TO RENTAL STORAGE POD	08/18/17	259174	75.00-
ENDOM TRAILERS Sum							175.00-
00002 ESTERS, WILLARD (BUTCH)	OFFICIAL 7/2	02017747	16001531	OFFICIAL-ADULT SOFTBALL	08/18/17	259177	320.00-
ESTERS, WILLARD (BUTCH) Sum							320.00-
00002 EVERETT, RAYFORD	OFFICIAL 7/2	02017747	16001532	OFFICIAL-ADULT SOFTBALL	08/18/17	259179	140.00-
EVERETT, RAYFORD Sum							140.00-
00002 FAGAN TREE AND SPRAYING	2438	00171958	16001488	HERBICIDE SPRAY BALLFIELDS	08/18/17	259180	3,500.00-
00002 FAGAN TREE AND SPRAYING	2439	00171958	16001489	SPRAY VETERANS PARK	08/18/17	259180	75.00-
00002 FAGAN TREE AND SPRAYING	2440	00171958	16001490	SPRAY TOWN SQUARE PARK	08/18/17	259180	225.00-
00002 FAGAN TREE AND SPRAYING	2441	00171958	16001491	SPRAY CITY HALL PLANTS	08/18/17	259180	175.00-
00002 FAGAN TREE AND SPRAYING	2441(B)	00171958	16001492	SPRAY CITY HALL LAWN	08/18/17	259180	75.00-
00002 FAGAN TREE AND SPRAYING	2442	00171958	16001493	SPRAY SHERRILL CNTR PLANTS	08/18/17	259180	125.00-
FAGAN TREE AND SPRAYING Sum							4,175.00-
00002 FEDEX OFFICE AND PRINT S	15260008700(	00171578	16001550	SENIOR CENTER NEWSLETTERS	08/18/17	259184	439.69-
00002 FEDEX OFFICE AND PRINT S	15260008700(	00172021	16001551	ADDL AMT DUE PO#171578	08/18/17	259184	55.65-
FEDEX OFFICE AND PRINT S Sum							495.34-
00002 GLOBAL SECURITY COMPANY	10163	00172236	16001469	SECURITY 7/17 ADULT BSKTBALL	08/18/17	259198	950.00-
GLOBAL SECURITY COMPANY Sum							950.00-
00002 HAVARD PEST CONTROL INC	1158635	02017749	16001554	SERV 8/17 BOYS BROTHERHOOD	08/18/17	259209	48.00-
00002 HAVARD PEST CONTROL INC	1158636	02017749	16001555	SERV 8/17 CAMERON FLD	08/18/17	259209	48.00-
00002 HAVARD PEST CONTROL INC	1158626	02017749	16001556	SERV 8/17 DAHMER POOL	08/18/17	259209	48.00-
00002 HAVARD PEST CONTROL INC	1158630	02017749	16001557	SERV 8/17 TIMBERTON	08/18/17	259209	75.00-
HAVARD PEST CONTROL INC Sum							219.00-
00002 INDOFF INC	2988565	00171899	16001485	OFFICE SUPP GRNDS MAINT	08/18/17	259218	272.92-

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INDOFF INC Sum							272.92-
00002 JONES, BENJAMIN N	OFFICIAL 7/2	02017747	16001533	OFFICIAL-ADULT SOFTBALL	08/18/17	259229	340.00-
JONES, BENJAMIN N Sum							340.00-
00002 KETTLEY, ANNETTE	SPORTS SERVS	02017746	16001542	SPORTS SUPPORT SERVICES	08/18/17	259236	192.00-
KETTLEY, ANNETTE Sum							192.00-
00002 KING, CHRISTOPHER	OFFICIAL 7/2	02017747	16001534	OFFICIAL-ADULT SOFTBALL	08/18/17	259238	280.00-
KING, CHRISTOPHER Sum							280.00-
00002 KINSEY WELDING	4954	00172218	16001464	REPR TATUM SOCCER GOALS	08/18/17	259239	430.00-
KINSEY WELDING Sum							430.00-
00002 LANCASTER'S MACHINE & WE	23216	00172254	16001486	TRAILER REPAIR	08/18/17	259243	270.00-
LANCASTER'S MACHINE & WE Sum							270.00-
00002 LIBERTY FLAG & SPECIALTY	06170034	00170835	16001510	AMERICAN/CITY FLAG SETS	08/18/17	259246	1,658.70-
LIBERTY FLAG & SPECIALTY Sum							1,658.70-
00002 LOWE'S HOME IMPROVEMENT	905121	00171577	16001472	EQUIP LEVITT CONCERT CHAIN PK	08/18/17	259249	204.18-
LOWE'S HOME IMPROVEMENT Sum							204.18-
00002 MCMULLAN EQUIPMENT CO	377979	00172379	16001513	RPLCMNT KEY U#18561	08/18/17	259256	176.75-
MCMULLAN EQUIPMENT CO Sum							176.75-
00002 MORRIS, GEORGE T	OFFICIAL 7/2	02017747	16001535	OFFICIAL-ADULT SOFTBALL	08/18/17	259263	335.00-
MORRIS, GEORGE T Sum							335.00-
00002 MS POWER COMPANY	8/17 PKS/REC	00201721	16001553	MNTHLY ELEC-PARKS & REC	08/18/17	259269	2,049.03-
MS POWER COMPANY Sum							2,049.03-
00002 PIONEER MANUFACTURING CO	INV643124	00171718	16001500	PAINT MACHINE SUPPLIES	08/18/17	259294	379.75-
00002 PIONEER MANUFACTURING CO	INV644490	00171979	16001501	PAINT MACHINE SUPPLIES	08/18/17	259294	286.10-
00002 PIONEER MANUFACTURING CO	INV645831	00172156	16001502	PAINT MACHINE KITS	08/18/17	259294	187.20-

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PIONEER MANUFACTURING CO Sum							853.05-
00002 PITTMAN, PERCY D	OFFICIAL 7/2	02017747	16001536	OFFICIAL-ADULT SOFTBALL	08/18/17	259295	320.00-
PITTMAN, PERCY D Sum							320.00-
00002 POWELL, RANDY	SPORTS SERVS	02017746	16001543	SPORTS SUPPORT SERVICES	08/18/17	259297	248.00-
POWELL, RANDY Sum							248.00-
00002 PREMIER ENTERTAINMENT BI	CONF# 558116	00172482	16001503	HOTEL TERRELL MML CONF	08/18/17	259300	405.09-
PREMIER ENTERTAINMENT BI Sum							405.09-
00002 RJ YOUNG COMPANY	INV1986564	00172054	16001524	TONER SUPP MCNAIR CENTER	08/18/17	259309	736.50-
RJ YOUNG COMPANY Sum							736.50-
00002 RODGERS, EDWARD LEON	SPORTS SERVS	02017746	16001544	SPORTS SUPPORT SERVICES	08/18/17	259313	24.00-
RODGERS, EDWARD LEON Sum							24.00-
00002 SHOULTZ, PATRICK TODD	OFFICIAL 7/2	02017747	16001537	OFFICIAL-ADULT SOFTBALL	08/18/17	259321	295.00-
SHOULTZ, PATRICK TODD Sum							295.00-
00002 SMITH, CARLTON L	OFFICIAL 7/2	02017747	16001538	OFFICIAL-ADULT SOFTBALL	08/18/17	259323	180.00-
SMITH, CARLTON L Sum							180.00-
00002 SOUTHERN ON SITE STORAGE	56880	00167852	16001505	PORTALETTS 8/17 TOWN SQUARE PK	08/18/17	259330	170.00-
00002 SOUTHERN ON SITE STORAGE	56879	00171265	16001506	PORTALETTS 8/17 CHAIN PARK	08/18/17	259330	510.00-
00002 SOUTHERN ON SITE STORAGE	56222	00167852	16001548	PORTALETTS 6/17 TOWN SQUARE PK	08/18/17	259330	170.00-
SOUTHERN ON SITE STORAGE Sum							850.00-
00002 SOUTHERN TIRE MART #9 (M	9023965	00172456	16001514	TIRE/REPRS U#11213	08/18/17	259332	1,034.64-
00002 SOUTHERN TIRE MART #9 (M	9023983	00172463	16001561	FLAT REPR U#18558	08/18/17	259332	19.95-
00002 SOUTHERN TIRE MART #9 (M	9024019	00172463	16001562	TIRES U#13130	08/18/17	259332	271.50-
00002 SOUTHERN TIRE MART #9 (M	9024140	00172569	16001563	TIRES/ALIGN U#14127	08/18/17	259332	342.07-
00002 SOUTHERN TIRE MART #9 (M	9024069	00172512	16001564	TIRES U#11212/TRAILER	08/18/17	259332	442.16-
SOUTHERN TIRE MART #9 (M Sum							2,110.32-
00002 SPEEDY PRINTING & SIGNS	24274	00172442	16001521	LABELS FOR MOWERS	08/18/17	259337	102.00-
SPEEDY PRINTING & SIGNS							

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Sum							102.00-
00002 SPORTS ILLUSTRATED PLAY	324466	00172357	16001481	REC REG FEES 6/17	08/18/17	259338	577.25-
00002 SPORTS ILLUSTRATED PLAY	331873	00172358	16001482	REC REG FEES 7/17	08/18/17	259338	453.75-
SPORTS ILLUSTRATED PLAY							
Sum							1,031.00-
00002 TROTTER, COREY	OFFICIAL 7/2	02017747	16001539	OFFICIAL-ADULT SOFTBALL	08/18/17	259353	120.00-
TROTTER, COREY							
Sum							120.00-
00002 UNITED FENCE COMPANY	00018363	00168409	16001569	RIVERVIEW CEM FENCE TORNADO	08/18/17	259358	4,977.00-
UNITED FENCE COMPANY							
Sum							4,977.00-
00002 VARNADO, ALEXANDRIA	SPORTS SERVS	02017746	16001545	SPORTS SUPPORT SERVICES	08/18/17	259361	120.00-
VARNADO, ALEXANDRIA							
Sum							120.00-
00002 VARNADO, UNRA	SPORTS SERVS	02017746	16001546	SPORTS SUPPORT SERVICES	08/18/17	259362	272.00-
VARNADO, UNRA							
Sum							272.00-
00002 WILLMUT GAS & OIL COMPAN	8/17 PKS/REC	00201721	16001552	MNTHLY GAS-PARKS & REC	08/18/17	259372	26.24-
WILLMUT GAS & OIL COMPAN							
Sum							26.24-
Sum							160,695.68-

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WATER & SEWER OPERATION/MAINT.							
00009 ALLBRITTON CHAIN SAW & L	49773	00169637	16001444	CHAINSAW SPARK PLUGS	08/18/17	259085	14.50-
00009 ALLBRITTON CHAIN SAW & L	49769	00169636	16001446	CONSTR EQUIP REPR SEWER DEPT	08/18/17	259085	258.90-
00009 ALLBRITTON CHAIN SAW & L	50764	00171117	16001447	HEDGE TRIMMER LAGOONS	08/18/17	259085	327.96-
ALLBRITTON CHAIN SAW & L							
Sum							601.36-
00009 AT&T MOBILITY	287273861504	00172568	16001453	GPS TRACKING 7/17 WTR PLANT	08/18/17	259102	217.09-
AT&T MOBILITY							
Sum							217.09-
00009 AUTO ARMATURE SERVICE IN	09321	00170439	16001390	GENERATOR BATT GREEN HUT STA	08/18/17	259106	142.95-
00009 AUTO ARMATURE SERVICE IN	09351	00171776	16001391	GENERATOR BATT RAILROAD STA	08/18/17	259106	142.95-
00009 AUTO ARMATURE SERVICE IN	09347	00171565	16001392	BATTERIES U#18897 SEWER	08/18/17	259106	428.85-
00009 AUTO ARMATURE SERVICE IN	09364	00172150	16001454	BATTERY U#20057 TRANS	08/18/17	259106	160.95-
00009 AUTO ARMATURE SERVICE IN	09374	00172302	16001457	ALT/BATTERY U#15916/13061	08/18/17	259106	415.90-
AUTO ARMATURE SERVICE IN							
Sum							1,291.60-
00009 BONNER ANALYTICAL TESTIN	63747	00172349	16001401	MONITORING N&S LAGOONS	08/18/17	259115	1,306.32-
BONNER ANALYTICAL TESTIN							
Sum							1,306.32-
00009 CAMPER CITY OF HATTIESBU	37576	00169687	16001456	REPR PTS VARI PLANT UNITS	08/18/17	259126	624.00-
CAMPER CITY OF HATTIESBU							
Sum							624.00-
00009 CENTRAL PIPE SUPPLY INC	S100095857.0	00169540	16001403	PLUMB SUPP	08/18/17	259132	521.00-
00009 CENTRAL PIPE SUPPLY INC	S100098265.0	00169540	16001413	CREDIT	08/18/17	259132	458.48
00009 CENTRAL PIPE SUPPLY INC	S100106557.0	00169540	16001414	PLUMB SUPP WTR PLT	08/18/17	259132	83.36-
00009 CENTRAL PIPE SUPPLY INC	S100106557.0	00169540	16001415	PLUMB SUPP WTR PLT	08/18/17	259132	291.76-
00009 CENTRAL PIPE SUPPLY INC	S100106557.0	00169540	16001416	PLUMB SUPP WTR PLT	08/18/17	259132	83.36-
00009 CENTRAL PIPE SUPPLY INC	S100101688.0	00170695	16001426	PLUMB SUPP TRANS WAREHOUSE	08/18/17	259132	3,150.72-
00009 CENTRAL PIPE SUPPLY INC	S100106846.0	00171819	16001435	PLUMB SUPP TRANS STOCK	08/18/17	259132	4,157.34-
00009 CENTRAL PIPE SUPPLY INC	S100106846.0	00171819	16001436	PLUMB SUPP TRANS STOCK	08/18/17	259132	109.76-
00009 CENTRAL PIPE SUPPLY INC	S100106846.0	00171819	16001437	PLUMB SUPP TRANS STOCK	08/18/17	259132	47.04-
00009 CENTRAL PIPE SUPPLY INC	S100106846.0	00171819	16001438	PLUMB SUPP TRANS STOCK	08/18/17	259132	58.80-
00009 CENTRAL PIPE SUPPLY INC	S100106846.0	00171819	16001439	PLUMB SUPP TRANS STOCK	08/18/17	259132	486.40-
00009 CENTRAL PIPE SUPPLY INC	S100107788.0	00172016	16001462	WRENCHES TRANS DEPT	08/18/17	259132	947.98-
00009 CENTRAL PIPE SUPPLY INC	S100107788.0	00172016	16001463	WRENCHES TRANS DEPT	08/18/17	259132	86.18-
CENTRAL PIPE SUPPLY INC							
Sum							9,565.22-
00009 CERTIFIED LABORATORIES	2801631	00171969	16001380	CHEMICALS SEWER DEPT	08/18/17	259133	5,168.75-
00009 CERTIFIED LABORATORIES	2813272	00172159	16001472	CHEMICALS SEWER DEPT	08/18/17	259133	7,144.25-
CERTIFIED LABORATORIES							
Sum							12,313.00-
00009 CHAIN ELECTRIC COMPANY	69169	00172602	16001471	REPRS VARI LIFT STATIONS	08/18/17	259135	1,458.83-

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CHAIN ELECTRIC COMPANY Sum							1,458.83-
00009 CINTAS CORPORATION #J66	J66550670	00172345	16001396	UNIFORMS 7/31 TRANS	08/18/17	259144	85.21-
00009 CINTAS CORPORATION #J66	J66550671	00172345	16001397	MOP/MAT 7/31 PLANT	08/18/17	259144	13.93-
00009 CINTAS CORPORATION #J66	J66550670	00172345	16001398	UNIFORMS 7/31 PLANT	08/18/17	259144	41.21-
00009 CINTAS CORPORATION #J66	J66550670	00172345	16001399	UNIFORMS 7/31 SEWER	08/18/17	259144	57.36-
00009 CINTAS CORPORATION #J66	J66550670	00172345	16001400	UNIFORMS 7/31 LAGOON	08/18/17	259144	29.40-
00009 CINTAS CORPORATION #J66	J66551428	00172398	16001404	UNIFORMS 8/07 TRANS	08/18/17	259144	76.26-
00009 CINTAS CORPORATION #J66	J66551429	00172398	16001405	MOP/MAT 8/07 PLANT	08/18/17	259144	13.93-
00009 CINTAS CORPORATION #J66	J66551428	00172398	16001406	UNIFORMS 8/07 PLANT	08/18/17	259144	41.21-
00009 CINTAS CORPORATION #J66	J66551428	00172398	16001407	UNIFORMS 8/07 SEWER	08/18/17	259144	57.36-
00009 CINTAS CORPORATION #J66	J66551428	00172398	16001408	UNIFORMS 8/07 LAGOON	08/18/17	259144	29.40-
00009 CINTAS CORPORATION #J66	J66549714	00172484	16001423	UNIFORMS 7/20 WTR SERVICE MEN	08/18/17	259144	19.12-
00009 CINTAS CORPORATION #J66	J66550450	00172484	16001424	UNIFORMS 7/27 WTR SERVICE MEN	08/18/17	259144	19.12-
00009 CINTAS CORPORATION #J66	J66551202	00172484	16001425	UNIFORMS 8/03 WTR SERVICE MEN	08/18/17	259144	19.12-
00009 CINTAS CORPORATION #J66	J66552187	00172645	16001464	UNIFORMS 8/14 TRANS	08/18/17	259144	76.26-
00009 CINTAS CORPORATION #J66	J66552188	00172645	16001465	MOP/MAT 8/14 PLANT	08/18/17	259144	13.93-
00009 CINTAS CORPORATION #J66	J66552187	00172645	16001466	UNIFORMS 8/14 PLANT	08/18/17	259144	41.21-
00009 CINTAS CORPORATION #J66	J66552187	00172645	16001467	UNIFORMS 8/14 SEWER	08/18/17	259144	57.36-
00009 CINTAS CORPORATION #J66	J66552187	00172645	16001468	UNIFORMS 8/14 LAGOON	08/18/17	259144	29.40-
CINTAS CORPORATION #J66 Sum							720.79-
00009 CITY OF HATTIESBURG FUND	TRF 1ST 8/17	02017725	16001385	TRF 1ST 8/17 PAYROLL	08/02/17	22049	95,148.87-
00009 CITY OF HATTIESBURG FUND	TRF 2ND 8/17	02017756	16001460	TRF 2ND 8/17 PAYROLL	08/16/17	22051	93,370.30-
CITY OF HATTIESBURG FUND Sum							188,519.17-
00009 CONTROL SYSTEMS INC	54356	00172590	16001459	SERVICE CALL SOUTH LAGOON	08/18/17	259153	401.00-
CONTROL SYSTEMS INC Sum							401.00-
00009 COPY CATS PRINTING	406368	00170860	16001409	PLANT OPERATOR GUIDES	08/18/17	259154	234.00-
COPY CATS PRINTING Sum							234.00-
00009 COURTESY MOTORS INC	463875	00171382	16001458	MIRROR ASSEMBLY U#15232 SEWER	08/18/17	259156	158.53-
COURTESY MOTORS INC Sum							158.53-
00009 COVINGTON SALES & SERVIC	76412	00169833	16001387	REPR PTS U#15916 SEWER	08/18/17	259158	2,233.00-
00009 COVINGTON SALES & SERVIC	76412 FRT	00172129	16001389	FREIGHT CHG PO#169833	08/18/17	259158	102.77-
COVINGTON SALES & SERVIC Sum							2,335.77-
00009 CRAIN TRACTOR & EQUIPMEN	R070819(A)	00171322	16001430	REPRS U#15775 TORNADO 2017	08/18/17	259160	19,332.28-
00009 CRAIN TRACTOR & EQUIPMEN	R070819(B)	00172411	16001431	ADDL AMT DUE PO#171322	08/18/17	259160	389.72-
CRAIN TRACTOR & EQUIPMEN Sum							19,722.00-

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00009 D P C ENTERPRISES LP	212001410-17	00171728	16001410	LIME FOR WTR PLT #2	08/18/17	259164	3,240.00-
00009 D P C ENTERPRISES LP	212001584-17	00171728	16001411	LIME FOR WTR PLT #2	08/18/17	259164	1,620.00-
D P C ENTERPRISES LP Sum							4,860.00-
00009 FORTERRA PIPE AND PRECAS	11548411	00172205	16001445	PLUMB SUPP SEWER DEPT	08/18/17	259189	2,945.69-
FORTERRA PIPE AND PRECAS Sum							2,945.69-
00009 FRIERSON, CHADWICK	TRAVEL REIMB	00172641	16001470	EXPNS MML CONF BILOXI	08/18/17	259191	39.84-
FRIERSON, CHADWICK Sum							39.84-
00009 HACH COMPANY	10577368	00172307	16001443	CHEMICALS WTR PLANTS	08/18/17	259204	575.52-
HACH COMPANY Sum							575.52-
00009 HAVARD PEST CONTROL INC	1158634	02017749	16001452	SERV 8/17 WATER OFFICE	08/18/17	259209	45.00-
HAVARD PEST CONTROL INC Sum							45.00-
00009 INDUSTRIAL ELECTRIC MOTO	RI-9746	00172114	16001379	REPRS PUMP#1 PLT #2	08/18/17	259219	1,489.22-
INDUSTRIAL ELECTRIC MOTO Sum							1,489.22-
00009 LOWE'S OF HATTIESBURG IN	936629	00170986	16001388	COOLERS SEWER DEPT CREWS	08/18/17	259248	118.65-
00009 LOWE'S OF HATTIESBURG IN	935956	00170986	16001395	COOLERS SEWER DEPT CREWS	08/18/17	259248	166.11-
LOWE'S OF HATTIESBURG IN Sum							284.76-
00009 MITCHELL TOOL SALES & SE	98413	00171846	16001377	AIR COMPRESSOR TORNADO 2017	08/18/17	259260	1,995.00-
00009 MITCHELL TOOL SALES & SE	98529	00172327	16001469	HAND TOOLS WTR PLANTS	08/18/17	259260	413.77-
00009 MITCHELL TOOL SALES & SE	98537	00172474	16001473	IMPACT WRENCH SEWER	08/18/17	259260	429.00-
MITCHELL TOOL SALES & SE Sum							2,837.77-
00009 MS POWER COMPANY	8/17 W&SO&M	00201721	16001451	MNTHLY ELEC-W&SO&M	08/18/17	259269	34,946.61-
MS POWER COMPANY Sum							34,946.61-
00009 MS STATE/DEPT OF HEALTH	MS0180008	00172190	16001378	ANNUAL WTR QUALITY ANALY FEE	08/18/17	259270	40,000.00-
MS STATE/DEPT OF HEALTH Sum							40,000.00-
00009 NORLAB INC	78534	00172070	16001461	TOILET DYE STRIPS	08/18/17	259279	276.00-
NORLAB INC							

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Sum							276.00-
00009 PEARL RIVER VALLEY EPA (8/17 W&SO&M		00201721	16001449	MNTHLY 8/17 PUBLIC SERVICES	08/18/17	259288	8,822.22-
PEARL RIVER VALLEY EPA (							8,822.22-
Sum							8,822.22-
00009 PHILLIPS CAR CARE CENTER 41753		00170504	16001386	BRAKE REPR U#15646 WTR PLT	08/18/17	259290	493.50-
PHILLIPS CAR CARE CENTER							493.50-
Sum							493.50-
00009 PINE BELT INDUSTRIAL SUP 4152058-01		00170887	16001412	LIME MACHINE SLEEVES PLT #2	08/18/17	259292	44.00-
PINE BELT INDUSTRIAL SUP							44.00-
Sum							44.00-
00009 POLLARD WATER.COM-EAST	0083109	00172014	16001420	HAND TOOLS WTR SERVICE MEN	08/18/17	259296	681.50-
00009 POLLARD WATER.COM-EAST	0083109 FRT	00172459	16001421	FREIGHT CHG PO#172014	08/18/17	259296	41.46-
POLLARD WATER.COM-EAST							722.96-
Sum							722.96-
00009 PREMIER ENTERTAINMENT BI CONF# 558116		00172482	16001422	HOTEL FRIERSON MML CONF	08/18/17	259300	540.12-
PREMIER ENTERTAINMENT BI							540.12-
Sum							540.12-
00009 PUCKETT RENTS	604020-0001	00170877	16001418	CHOPSAW BLADES TRANS DEPT	08/18/17	259303	530.00-
00009 PUCKETT RENTS	609532-0001	00171811	16001428	AIR HOSE SEWER DEPT	08/18/17	259303	84.99-
00009 PUCKETT RENTS	612252-0001	00172598	16001475	DIESEL TRASH PUMP DORNOCH STA	08/18/17	259303	520.15-
PUCKETT RENTS							1,135.14-
Sum							1,135.14-
00009 RICOH CORP	5049626675 W	00172440	16001419	PRODUCTION PRINTER CHARGES	08/18/17	259308	237.23-
RICOH CORP							237.23-
Sum							237.23-
00009 SANFORD, JOHN L JR INC	50073	00171444	16001402	CLAY GRAVEL	08/18/17	259318	1,830.00-
SANFORD, JOHN L JR INC							1,830.00-
Sum							1,830.00-
00009 SANSOM EQUIPMENT CO	51823	00172216	16001429	REPRS U#15916 SEWER DEPT	08/18/17	259319	2,173.96-
SANSOM EQUIPMENT CO							2,173.96-
Sum							2,173.96-
00009 SOUTHERN HOSE	095462	00170676	16001394	WAREHOUSE SHELVING TORNADO'17	08/18/17	259329	1,800.00-
SOUTHERN HOSE							1,800.00-
Sum							1,800.00-
00009 SOUTHERN PINE ELECTRIC P 8/17 W&SO&M		00201721	16001448	MNTHLY 8/17 PUBLIC SERVICES	08/18/17	259331	375.42-

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SOUTHERN PINE ELECTRIC P Sum							375.42-
00009 SOUTHERN TIRE MART #9 (M	9021329	00171807	16001455	TRAILER TIRE TRANS DEPT	08/18/17	259332	119.93-
SOUTHERN TIRE MART #9 (M Sum							119.93-
00009 SOUTHERN TIRE MART LLC	11130892	00171726	16001474	TRAILER TIRE REPR SEWER DEPT	08/18/17	259333	143.94-
SOUTHERN TIRE MART LLC Sum							143.94-
00009 SOUTHERN WATERWORKS SUPP	70624	00171603	16001381	PLUMB SUPP SEWER DEPT	08/18/17	259334	1,139.78-
00009 SOUTHERN WATERWORKS SUPP	70816	00171603	16001382	PLUMB SUPP SEWER DEPT	08/18/17	259334	196.30-
SOUTHERN WATERWORKS SUPP Sum							1,336.08-
00009 SPEEDY PRINTING & SIGNS	23754	00169620	16001417	PAPER PRODUCTS WTR OFFICE	08/18/17	259337	948.00-
SPEEDY PRINTING & SIGNS Sum							948.00-
00009 STANDARD OFFICE SUPPLY C	0071567-001	00172305	16001427	OFFICE SUPP WTR BILLING	08/18/17	259339	173.46-
00009 STANDARD OFFICE SUPPLY C	0070512-001	00171146	16001432	OFFICE SUPP WTR BILLING	08/18/17	259339	200.94-
00009 STANDARD OFFICE SUPPLY C	0070848-001	00171438	16001433	OFFICE SUPP WTR BILLING	08/18/17	259339	103.98-
STANDARD OFFICE SUPPLY C Sum							478.38-
00009 U S POSTMASTER-POSTAGE (	PERMIT#213 P	00172214	16001376	POSTAGE FOR WATER BILLING	08/18/17	259355	10,000.00-
U S POSTMASTER-POSTAGE () Sum							10,000.00-
00009 UNDERWOOD OUTDOOR POWER,	38768	00169511	16001434	REPR PORTABLE PUMP	08/18/17	259357	66.49-
00009 UNDERWOOD OUTDOOR POWER,	25606	00169084	16001440	CONCRETE SAW REPR TRANS DEPT	08/18/17	259357	122.55-
00009 UNDERWOOD OUTDOOR POWER,	41491	00171290	16001441	SAW REPAIR TRANS DEPT	08/18/17	259357	40.60-
00009 UNDERWOOD OUTDOOR POWER,	44360	00171290	16001442	GENERATOR REPR TRANS DEPT	08/18/17	259357	22.50-
UNDERWOOD OUTDOOR POWER, Sum							252.14-
00009 WILLMUT GAS & OIL COMPAN	8/17 W&SO&M	00201721	16001450	MNTHLY GAS-W&SO&M	08/18/17	259372	39.33-
WILLMUT GAS & OIL COMPAN Sum							39.33-
Sum							359,261.44-

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WATER & SEWER FUND							
00011 ADAMS, AMY	WTR OVRPMT R	02017726	16000852	WTR OVRPMT RFD	08/18/17	259081	16.12-
00011 ADAMS, AMY	METER DEP RF	02017728	16000853	METER DEP RFD	08/18/17	259081	75.00-
ADAMS, AMY							
Sum							91.12-
00011 ALLEN, JAMACA	METER DEP RF	02017728	16000859	METER DEP RFD	08/18/17	259086	9.80-
ALLEN, JAMACA							
Sum							9.80-
00011 BACOT, KIRONA	METER DEP RF	02017728	16000858	METER DEP RFD	08/18/17	259108	36.44-
BACOT, KIRONA							
Sum							36.44-
00011 CERVANTES, DANIEL1019	METER DEP RF	02017728	16000862	METER DEP RFD	08/18/17	259134	26.00-
CERVANTES, DANIEL1019							
Sum							26.00-
00011 GRISSOM, MIMI FEDRIC	METER DEP RF	02017728	16000856	METER DEP RFD	08/18/17	259200	43.00-
GRISSOM, MIMI FEDRIC							
Sum							43.00-
00011 HARVEY, GLADYS M	METER DEP RF	02017728	16000855	METER DEP RFD	08/18/17	259207	26.00-
HARVEY, GLADYS M							
Sum							26.00-
00011 JACKSONWRIGHT, ALICE G	WTR OVRPMT R	02017726	16000850	WTR OVRPMT RFD	08/18/17	259223	13.00-
JACKSONWRIGHT, ALICE G							
Sum							13.00-
00011 JOHNSON, MARY G 1	METER DEP RF	02017728	16000861	METER DEP RFD	08/18/17	259226	7.00-
JOHNSON, MARY G 1							
Sum							7.00-
00011 JOHNSON, SHUREEDER	METER DEP RF	02017728	16000857	METER DEP RFD	08/18/17	259227	11.00-
JOHNSON, SHUREEDER							
Sum							11.00-
00011 JONES, TIARA	METER DEP RF	02017728	16000863	METER DEP RFD	08/18/17	259232	43.00-
JONES, TIARA							
Sum							43.00-
00011 PETERS, ZAJESJIA	METER DEP RF	02017728	16000860	METER DEP RFD	08/18/17	259289	26.00-
PETERS, ZAJESJIA							
Sum							26.00-

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CITY B & I 00013 PEOPLES BANK	#3160	'07 GO 02017687	16000015	07 GO REF INT DUE 9/1/17	08/03/17	112047	14,200.00-
PEOPLES BANK Sum							14,200.00-
Sum							14,200.00-

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POLICE FORFEITURES FUND							
00019 METRO CRIMESTOPPERS INC	XQB1951MS	00172478	16000045	SHARED FUNDING 2016	08/18/17	259258	10,000.00-
00019 METRO CRIMESTOPPERS INC	XQB2397MS	00172479	16000046	SHARED FUNDING 2017	08/18/17	259258	10,000.00-
METRO CRIMESTOPPERS INC							
Sum							20,000.00-
00019 TI TRAINING CORP	2273	00168687	16000043	TRAINING LAB/FLASHLIGHTS	08/18/17	259349	20,300.00-
00019 TI TRAINING CORP	2374	00168687	16000044	TASER/SOFTWARE	08/18/17	259349	2,600.00-
TI TRAINING CORP							
Sum							22,900.00-
Sum							42,900.00-

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2002 TIF B&I-SOUTHERN POINTE 00020 TRUSTMARK NATIONAL BANK/	ISSUE 5652	02017686	16000005	ISSUE 5652 '14 SO POINTE	08/03/17	112048	53,713.75-
TRUSTMARK NATIONAL BANK/ Sum							53,713.75-
Sum							53,713.75-

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TAX COLLECTOR'S FUND 00027 LIBRARY, THE	7/17 MILLAGE	02017709	16000104	7/17 MILLAGE DIST 8/17	08/03/17	311507	12,888.55-
LIBRARY, THE							12,888.55-
Sum							12,888.55-

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AIRPORT IMPROVEMENT FUND							
00039 ARE CONSULTANTS INC	106517E	00172570	16000038	AIRPT APPROACH LIGHTS DESIGN	08/18/17	259093	2,288.79-
00039 ARE CONSULTANTS INC	160405N	00172571	16000039	AIRPT LAND ACQUISITION PART 1	08/18/17	259093	1,021.53-
00039 ARE CONSULTANTS INC	170428F	00172577	16000040	SRV 7/26-8/11 TAXIWAY EXPAN	08/18/17	259093	9,911.51-
ARE CONSULTANTS INC Sum							13,221.83-
00039 TAFFY PIPPIN CONSULTING, 205(A)-17		00172574	16000041	SRV TAXIWAY EXTENSION PROJECT	08/18/17	259343	3,200.00-
TAFFY PIPPIN CONSULTING, Sum							3,200.00-
Sum							16,421.83-

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MUNICIPAL ROAD & BRIDGE							
00072 FAIRLEY CONSTRUCTION SER	EST#3	HAWKIN	00172626	16000122 HAWKINS SIDEWALKS 6/1-14/17	08/18/17	259181	79,839.48-
FAIRLEY CONSTRUCTION SER							79,839.48-
Sum							
00072 FLOORE INDUSTRIAL CONTRA	EST#1	GORDON	00172637	16000124 SRVS GORDON CRK SIDEWALKS	08/18/17	259186	122,797.37-
FLOORE INDUSTRIAL CONTRA							122,797.37-
Sum							
00072 NEEL-SCHAFFER INC	1046158	PH 1	00172628	16000125 SRV 5/1-6/30 GORDON CK DEPOT	08/18/17	259274	13,218.30-
00072 NEEL-SCHAFFER INC	1046158	PH 1	00172612	16000126 GEN CONSULT DUPREE GATEWAY	08/18/17	259274	1,944.62-
NEEL-SCHAFFER INC							15,162.92-
Sum							
00072 RJM MCQUEEN CONTRACTING	EST#2	TUSCAN	00172625	16000123 TUSCAN AVE SIDEWALK 6/1-30/17	08/18/17	259310	25,816.75-
RJM MCQUEEN CONTRACTING							25,816.75-
Sum							
00072 SHOWS DEARMAN & WAITS IN	19753		00172575	16000119 SRV 6/25-7/22 WESTERN BELTWAY	08/18/17	259322	61,665.67-
SHOWS DEARMAN & WAITS IN							61,665.67-
Sum							
00072 STEWART, JOHN B REAL FS	HWY 49-2017-	00172624	16000121	APPRAISAL FGH H49/ARLINGTON	08/18/17	259341	7,800.00-
STEWART, JOHN B REAL ES							7,800.00-
Sum							
00072 WALKER ASSOCIATES	8984		00172572	16000120 SRV HBRG CLINIC ACCESS ROAD	08/18/17	259365	3,507.10-
WALKER ASSOCIATES							3,507.10-
Sum							
00072 WARREN PAVING INC	274		00171148	16000118 PAVING GRAYMONT AVE	08/18/17	259366	10,381.10-
WARREN PAVING INC							10,381.10-
Sum							
Sum							326,970.39-

CITY OF HATTIESBURG
DOCKET OF CLAIMS
PERIOD ENDING AUGUST 18, 2017

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Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
MASS TRANSIT FUND							
00073 ADVANCE AUTO PARTS	560472147605	00172247	16000416	IMPACT WRENCH	08/18/17	259082	464.09-
ADVANCE AUTO PARTS							
Sum							464.09-
00073 ALLBRITTON CHAIN SAW & L	51465	00171432	16000406	WEEDEATER REPAIR	08/18/17	259085	50.19-
ALLBRITTON CHAIN SAW & L							
Sum							50.19-
00073 ALLIANCE BUS GROUP INC	515674	00172335	16000419	REPRS U#19552	08/18/17	259088	480.87-
ALLIANCE BUS GROUP INC							
Sum							480.87-
00073 CARQUEST AUTO PARTS STOR	14758-94075	00172334	16000412	AIR TANK FOR SHOP	08/18/17	259129	64.34-
CARQUEST AUTO PARTS STOR							
Sum							64.34-
00073 CINTAS CORPORATION #J66	J66548028	00172443	16000420	UNIFORMS 7/05 MECH/DRIVERS	08/18/17	259144	222.86-
00073 CINTAS CORPORATION #J66	J66548760	00172443	16000421	UNIFORMS 7/12 MECH/DRIVERS	08/18/17	259144	74.66-
00073 CINTAS CORPORATION #J66	J66549496	00172443	16000422	UNIFORMS 7/19 MECH/DRIVERS	08/18/17	259144	83.70-
00073 CINTAS CORPORATION #J66	J66550224	00172443	16000423	UNIFORMS 7/26 MECH/DRIVERS	08/18/17	259144	75.90-
CINTAS CORPORATION #J66							
Sum							457.12-
00073 CITY OF HATTIESBURG FUND	TRF 1ST 8/17	02017725	16000409	TRF 1ST 8/17 PAYROLL	08/02/17	112041	27,654.54-
00073 CITY OF HATTIESBURG FUND	TRF 2ND 8/17	02017756	16000428	TRF 2ND 8/17 PAYROLL	08/16/17	112075	25,135.34-
CITY OF HATTIESBURG FUND							
Sum							52,789.88-
00073 CUMMINS MID SOUTH LLC	003-87149	00171571	16000430	ANTIFREEZE U#16234/16235	08/18/17	259162	688.98-
CUMMINS MID SOUTH LLC							
Sum							688.98-
00073 DOSSETT PONTIAC CADILLAC	42570	00171066	16000424	ALTERNATOR U#16759 BUS	08/18/17	259169	854.78-
00073 DOSSETT PONTIAC CADILLAC	42834	00171433	16000425	MODULE KIT U#16761	08/18/17	259169	77.57-
DOSSETT PONTIAC CADILLAC							
Sum							932.35-
00073 GILLILANDS ELECTRONICS S	64701	00172501	16000427	HANG MONITORS	08/18/17	259197	160.95-
00073 GILLILANDS ELECTRONICS S	64710	00172632	16000432	CHANGE IP ADDRESS	08/18/17	259197	75.00-
GILLILANDS ELECTRONICS S							
Sum							235.95-
00073 JERRY'S AUTOMOTIVE REPAI	18699	00172246	16000413	OIL CHANGE U#38940	08/18/17	259224	30.00-
00073 JERRY'S AUTOMOTIVE REPAI	18701	00172246	16000414	OIL CHANGE U#37840	08/18/17	259224	30.00-
JERRY'S AUTOMOTIVE REPAI							
Sum							60.00-

CITY OF HATTIESBURG
DOCKET OF CLAIMS
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Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
00073 MAJOR DESIGN STUDIO, PLL	7000.1	00172435	16000417	SRV HCT FACILITY UPGRADE AGMT	08/18/17	259252	9,840.00-
MAJOR DESIGN STUDIO, PLL Sum							9,840.00-
00073 MCELHANEY PLUMBING INC	258938	00172475	16000426	BLDG WTR LINE REPAIR	08/18/17	259255	53.28-
MCELHANEY PLUMBING INC Sum							53.28-
00073 NAPA AUTO PARTS	556827	00167299	16000403	REPR PTS U#16761 BUS	08/18/17	259273	70.98-
00073 NAPA AUTO PARTS	558809	00168491	16000404	BATTERIES U#16234 BUS	08/18/17	259273	356.40-
00073 NAPA AUTO PARTS	554785	00166129	16000405	REPR PTS/SUPP BUSES/SHOP	08/18/17	259273	947.34-
00073 NAPA AUTO PARTS	560263	00169423	16000429	REPR PTS U#15648	08/18/17	259273	21.89-
NAPA AUTO PARTS Sum							1,396.61-
00073 TEAMBG & ASSOCIATES LMA, 0121533		00171455	16000402	DIESEL OIL CONDITIONER BUSES	08/18/17	259346	2,260.79-
TEAMBG & ASSOCIATES LMA, Sum							2,260.79-
00073 VERIZON WIRELESS	9788965823	00172283	16000410	GPS 6/11-7/10/17 BUSES	08/18/17	259363	277.65-
VERIZON WIRELESS Sum							277.65-
00073 WATERS INTERNATIONAL TRU 0881295602		00170355	16000415	REPLACE ENGINE U#18572	08/18/17	259368	15,089.59-
00073 WATERS INTERNATIONAL TRU 08813810		00172382	16000418	REPRS U#18572 BUS	08/18/17	259368	1,009.28-
00073 WATERS INTERNATIONAL TRU 08P837217		00171746	16000431	AIR FILTERS U#18572	08/18/17	259368	450.78-
WATERS INTERNATIONAL TRU Sum							16,549.65-
Sum							86,601.75-

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Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
WATER&SEWER CONSTRUCTION FUND							
00075 LAMAR PARK WATER & SEWER	08012017	00172627	16000092	SEWER SERV 1/17-6/17	08/18/17	259242	4,608.00-
LAMAR PARK WATER & SEWER Sum							4,608.00-
00075 RJM MCQUEEN CONTRACTING	1277	00172194	16000086	SEWER REPR S 19TH/CAMP	08/18/17	259310	55,809.50-
00075 RJM MCQUEEN CONTRACTING	1281	00172194	16000087	SEWER REPR AZTEC/GLENDALE	08/18/17	259310	9,234.60-
00075 RJM MCQUEEN CONTRACTING	1284	00172348	16000089	WORK ON VARI LIFT STATIONS	08/18/17	259310	99,212.53-
RJM MCQUEEN CONTRACTING Sum							164,256.63-
00075 SHOWS DEARMAN & WAITS IN	19766	00172633	16000090	SRV ESTELLE ST SWR 6/25-7/22	08/18/17	259322	8,030.00-
00075 SHOWS DEARMAN & WAITS IN	19784	00172630	16000091	SANITARY SWR STUDY TASK 4	08/18/17	259322	195,161.30-
00075 SHOWS DEARMAN & WAITS IN	19775	00172613	16000093	WTRLINE 6/25-7/22 98/RUNNELS	08/18/17	259322	620.00-
SHOWS DEARMAN & WAITS IN Sum							203,811.30-
Sum							372,675.93-

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Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
COMMUNITY CENTERS' FUND							
00077 CINTAS CORPORATION #J66	J66548033	00172326	16000432	UNIFORMS 7/05 COMM CNTRS	08/18/17	259144	47.19-
00077 CINTAS CORPORATION #J66	J66548764	00172326	16000433	UNIFORMS 7/12 COMM CNTRS	08/18/17	259144	47.19-
00077 CINTAS CORPORATION #J66	J66549499	00172326	16000434	UNIFORMS 7/19 COMM CNTRS	08/18/17	259144	47.19-
00077 CINTAS CORPORATION #J66	J66550227	00172326	16000435	UNIFORMS 7/26 COMM CNTRS	08/18/17	259144	52.14-
CINTAS CORPORATION #J66							
Sum							193.71
00077 CITY OF HATTIESBURG FUND TRF 1ST 8/17	02017725	16000425	TRF 1ST 8/17	PAYROLL	08/02/17	311503	20,525.34-
00077 CITY OF HATTIESBURG FUND TRF 2ND 8/17	02017756	16000444	TRF 2ND 8/17	PAYROLL	08/16/17	311524	20,150.03-
CITY OF HATTIESBURG FUND							
Sum							40,675.37-
00077 COURTNEY'S RESTAURANT EQ 11464		00171489	16000429	ICE MACHINE REPR TRAIN DEPOT	08/18/17	259157	850.15-
COURTNEY'S RESTAURANT EQ							
Sum							850.15-
00077 ECONOMY SUPPLY CO 278493		00172169	16000436	DOOR HINGES STAGE STORAGE UNT	08/18/17	259170	55.30-
ECONOMY SUPPLY CO							
Sum							55.30-
00077 ESSCO HEATING AND A/C 34875		00172201	16000443	A/C UNIT ACCTG/PURCH DEPT	08/18/17	259176	8,750.00-
00077 ESSCO HEATING AND A/C 34853		00169754	16000445	A/C UNIT SHERRILL AUDITORIUM	08/18/17	259176	4,990.00-
ESSCO HEATING AND A/C							
Sum							13,740.00-
00077 GARNER LUMLEY ELECTRIC S 540262		00172383	16000438	EMER LIGHTS COMM CENTERS	08/18/17	259196	160.00-
GARNER LUMLEY ELECTRIC S							
Sum							160.00-
00077 HAVARD PEST CONTROL INC 1158639		02017749	16000441	SERV 8/17 SIGLER BLDG	08/18/17	259209	48.00-
00077 HAVARD PEST CONTROL INC 1158640		02017749	16000442	SERV 8/17 MCNAIR CENTER	08/18/17	259209	48.00-
HAVARD PEST CONTROL INC							
Sum							96.00-
00077 JORDAN BROS PLUMBING INC 9959		00172225	16000427	DRAIN PANS MCNAIR CENTER	08/18/17	259233	200.00-
JORDAN BROS PLUMBING INC							
Sum							200.00-
00077 MS POWER COMPANY 8/17 COMM CN	00201721	16000440	MNTHLY ELEC-COMM CNTRS		08/18/17	259269	4,665.47-
MS POWER COMPANY							
Sum							4,665.47-
00077 PIERCE PLUMBING INC 600031		00171266	16000431	REPR URINAL/FOUNTAIN T DEPOT	08/18/17	259291	876.14-
PIERCE PLUMBING INC							
Sum							876.14-

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Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
COMMUNITY DEVELOP. BLOCK GRANT							
00082 BREAKTHROUGH COMMUNITY S	8/8/17	00172455	16000145	507 MILLER, DR#1 EMG ROOF REP	08/10/17	311520	6,463.00-
00082 BREAKTHROUGH COMMUNITY S	8/8/17	00172510	16000147	709 HIGHLAND, PROPERTY ACQUIS	08/11/17	311521	10,795.31-
BREAKTHROUGH COMMUNITY S							
Sum							17,258.31-
00082 CITY OF HATTIESBURG FUND TRF 1ST 8/17	02017725	16000142	TRF 1ST 8/17	PAYROLL	08/02/17	311504	6,492.05-
00082 CITY OF HATTIESBURG FUND TRF 2ND 8/17	02017756	16000149	TRF 2ND 8/17	PAYROLL	08/16/17	311525	6,268.14-
CITY OF HATTIESBURG FUND							
Sum							12,760.19-
00082 HOLLIMON CONSTRUCTION	8/8/17	00172509	16000148	106 RUBY, EXT DOORS, PAINTING	08/11/17	311522	9,680.00-
HOLLIMON CONSTRUCTION							
Sum							9,680.00-
00082 JONES, ROBERT	TRAV ADVANCE	00172347	16000144	TRAV ADV ASBESTOS REFRESH CRS	08/18/17	259231	393.99-
JONES, ROBERT							
Sum							393.99-
00082 OFFICE PRODUCTS PLUS	802806-0	00172373	16000150	COPY PAPER CDBG	08/18/17	259284	349.90-
OFFICE PRODUCTS PLUS							
Sum							349.90-
00082 RJ YOUNG COMPANY	INV1980161	00172458	16000146	COPIER 6/28-7/27 FED/STATE	08/18/17	259309	187.00-
RJ YOUNG COMPANY							
Sum							187.00-
Sum							40,629.39-

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Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
INDUSTRIAL PARK DEVELOPMENT 00087 MUNN ENTERPRISES INC	46535	00172352	16000035	REFURBISH IND PK SIGNS	08/18/17	259272	5,878.50-
MUNN ENTERPRISES INC Sum							5,878.50-
00087 PARKER'S LANDSCAPE SERV	18761	00172354	16000036	IND PK LANDSCAPE MAINT	08/18/17	259287	360.00-
PARKER'S LANDSCAPE SERV Sum							360.00-
00087 SEMPEN, MICHAEL J PLLC	2134	00172353	16000034	SRVS IND PK JC BELL PURCHASE	08/18/17	259320	3,543.75-
SEMPEN, MICHAEL J PLLC Sum							3,543.75-
00087 SHOWS DEARMAN & WAITS IN	19734	00172351	16000033	ENGR SERVS IND PK PROPERTY	08/18/17	259322	11,650.00-
SHOWS DEARMAN & WAITS IN Sum							11,650.00-
Sum							21,432.25-

CITY OF HATTIESBURG
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Vendor

Invoice
Number

Purchase
Order

Claims
Number

Item
Description

Check
Date

Check
No.

Check
Amount

Grand Total Level
Sum

8,140,601.91-

City of Hattiesburg, MS

*200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401*



Meeting Agenda - Final

Tuesday, August 22, 2017

5:00 PM

Council Chambers

City Council - Amendments to the Agenda

Add Policy Agenda Items V.-12 - V.-21 at the request of the Administration as follows:

- V.-12** [2017-668](#) Approve or deny to create the position of Municipal Court Judge (Post 2) in the Department of Municipal Court at an annual salary of \$35,000.00, in accordance with Ordinance Number 3154.

Attachments: [executed HAVPAY Ordinance, 2015 ORD#3154](#)

- V.-13** [2017-662](#) Adopt a Resolution appointing Wesley Curry as Municipal Court Judge, for the City of Hattiesburg at a rate of pay of \$70,000.00.

Attachments: [RES- Curry](#)
 [Curry-Resume](#)
 [RES#2017-134, executed RES- Curry](#)

- V.-14** [2017-664](#) Adopt a Resolution appointing Brian Bledsoe as Municipal Court Judge (Post 2), for the City of Hattiesburg at a rate of pay of \$35,000.00.

Attachments: [Bledsoe- Resume](#)
 [Bledsoe- Resolution](#)
 [RES#2017-135, executed Bledsoe- Resolution](#)

- V.-15** [2017-661](#) Adopt a Resolution appointing Carol Jones Russell as Municipal Court Judge Pro-Tem, for the City of Hattiesburg.

Attachments: [Russell- Resume](#)
 [Carol Jones Russell-Resolution](#)
 [RES#2017-136, executed Carol Jones Russell-Resolution](#)

- V.-16** [2017-665](#) Adopt a Resolution appointing Phillip McSwain as Municipal Court Clerk, for the City of Hattiesburg at a rate of pay of \$48,080.00.

Attachments: [RES-Mcswain](#)
 [Mcswain-Resume](#)
 [RES#2017-137, executed RES-Mcswain](#)

- V.-17** [2017-659](#) Adopt a Resolution appointing Sally O'Flynn as Municipal Court Prosecutor, Post 1 for the City of Hattiesburg at a rate of pay of \$85,000.00.

Attachments: [RES-O'Flynn](#)
 [O'Flynn-Resume](#)
 [RES#2017-138, executed RES-O'Flynn](#)

- V.-18** [2017-663](#) Adopt a Resolution appointing Anna Rush as Municipal Prosecutor, Post 2 for the City of Hattiesburg at a rate of pay of \$30,000.00.

Attachments: [RES-Rush](#)
 [Rush-Resume](#)
 [RES#2017-139, executed RES-Rush](#)

- V.-19** [2017-660](#) Adopt a Resolution appointing Michael J. Shemper as Municipal Court Prosecutor Pro-Tem, for the City of Hattiesburg.

Attachments: [RES-Shemper](#)
 [Shemper-Resume](#)
 [RES#2017-140, executed RES-Shemper](#)

- V.-20** [2017-667](#) Adopt a Resolution appointing Shakita L. Taylor, as Municipal Public Defender for the City of Hattiesburg at a rate of pay of \$42,000.00.

Attachments: [RES-Taylor](#)
 [Taylor- Resume](#)
 [RES#2017-141, executed RES-Taylor](#)

- V.-21** [2017-666](#) Adopt a Resolution appointing Benjamin Thornton as Municipal Public Defender, for the City of Hattiesburg at a rate of pay of \$40,000.00.

Attachments: [RES-Thornton](#)
 [Thornton-Resume](#)
 [RES#2017-142, executed RES-Thornton](#)



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-668

File ID: 2017-668

Type: Regular Agenda Item

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester: Ann Jones

File Created: 08/22/2017

Brief Title: Approve or deny position of Judge Pro-Tem

Final Action: 08/22/2017

Minute Book Number: MB2017-359

Title:

Approve or deny to create the position of Municipal Court Judge (Post 2) in the Department of Municipal Court at an annual salary of \$35,000.00, in accordance with Ordinance Number 3154.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: V.-12

Sponsors:

Enactment Date:

Attachments: executed HAVPAY Ordinance, 2015 ORD#3154

Enactment Number:

Contact:

Meeting Date: 08/22/2017

Drafter: Ann Jones

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council - Amendments to the Agenda	08/22/2017					
1	City Council	08/22/2017	Approve				Pass
Action Text: A MOTION was made by Council Member George and seconded by Council Vice President Dryden to Approve to create the position of Municipal Court Judge (Post 2) in the Department of Municipal Court at an annual salary of \$35,000.00, in accordance with Ordinance Number 3154.							
There being no discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							
Yea: 5 Council Member George Council Member Delgado Council President Carroll Council Vice President Dryden Council Member Brown							

Text of Legislative File 2017-668

Title

Approve or deny to create the position of Municipal Court Judge (Post 2) in the Department of Municipal Court at an annual salary of \$35,000.00, in accordance with Ordinance Number 3154.

Summary

Budget Information

Expenditure Type

Purchasing Item

Publication Information

ORDINANCE NO. 3154

AN ORDINANCE ESTABLISHING A CLASSIFICATION COMPENSATION PLAN FOR THE CITY OF HATTIESBURG, MISSISSIPPI, AND REPEALING ORDINANCE NO. 2826, ADOPTED 8-19-03, AMENDED BY ORDINANCE NO. 2562, ADOPTED 8-20-96, AMENDED BY ORDINANCE NO. 2588, ADOPTED 2-18-97, AMENDED BY ORDINANCE NO. 2614, ADOPTED 11-18-97, AMENDED BY ORDINANCE NO. 2739, ADOPTED 11-21-00, AMENDED BY ORDINANCE NO. 2756, ADOPTED 7-17-01, AMENDED BY ORDINANCE NO. 2776, ADOPTED 1-22-02 AND ANY OTHER ORDINANCES IN CONFLICT THEREWITH.

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF HATTIESBURG:

Section 1: General Purpose

The general purpose of this Ordinance is to establish a classification/compensation plan for the City; to establish the framework of policy-making to guide the implementation of this Ordinance; and to describe executive and legislative responsibility.

Section II: Establishment of Classification/Compensation Plan

- A. Position classifications for all positions in the City, based upon similarity of duties performed and responsibilities assumed, have been created so that similar qualifications reasonably may be required for and applied to all positions in the same class. This position classification plan has been prepared by the Human Resources Manager, under the supervision of the Director of Administration, and approved by the Mayor.
 - 1. The Classification Plan shall create job classes, job families and job titles.
 - 2. The organization of work performed in any position shall be the responsibility of the Mayor, or his designee, and position descriptions shall be maintained by Human Resources to reflect assignment of work with qualifications and experience requirements.
- B. A variable compensation plan, known as the Hattiesburg Variable Pay Plan (HAVPAY), is established, as is Career Development for Sworn Policemen and Firemen and, they are attached as Exhibit A-1, Regular Employees; Exhibit A-2, Appointed Officials/Employees; Exhibit B, Career Development for Sworn Officers, as amended by Ordinance Number 3017, adopted October 7, 2008.
 - 1. Initial compensation is accomplished as follows:
 - a. Salary surveys of comparative public and private labor

markets will be conducted to establish a pay grade/salary range for each position.

- b. Survey findings are compared to existing pay and salary ranges for similar positions.

Section III: Annual Adjustments Through Creation, Abolition or Realignment of Positions

Creating or abolishing positions shall be the responsibility of the Mayor. Any adjustments through realignment shall be made through the following process:

A. Positions to be created:

Any position may be created by the Mayor, but no hiring processes may begin until the salary range has been assigned under the provisions of Section II-B and approved by the Council during any regular or special meeting.

B. Vacant Positions:

Funds for vacant positions may be reallocated to another position by the Mayor, but the reallocation must first be approved by the Council. Any position that remains vacant for three months will be considered abolished unless the supervisor provides justification and the Council approves an extension; funding for positions that are abolished due to a vacancy of three months will return to the General Fund.

- C. Employee Transfers and Promotions – The City of Hattiesburg encourages personal and/or professional growth and development of employees through internal transfers and promotions. Any employee may request to transfer or be transferred to another position and/or promoted to a position by the Mayor; Council approval is required for any subsequent change in salary.

D. Position to be abolished:

Any position may be abolished by the Mayor and abandoned. Reallocation of funds for abolished or abandoned positions must first be approved by the Council during any regular or special meeting.

E. Positions to be reallocated:

Any budgeted position may be reallocated to a different division or department by the Mayor, with Council approval. Any change in the approved pay range shall be approved by the City Council.

F. Annual adjustments and funding:

Salary surveys shall be conducted by the Human Resources Division periodically at random, and on an as-needed basis for particular positions. The results of these surveys will be delivered to the Mayor, the Council, and appropriate Director s/Chiefs.

- G. Following delivery of the salary survey results to the Mayor, the Council, and appropriate Directors/Chiefs, the Human Resources Division will recommend pay range realignments, where applicable. Upon concurrence by the Mayor, pay range amendments will be presented to the City Council for adoption. If the new ranges are adopted, payroll changes will occur as the availability of funds permit, but not before the first payroll check in October in each fiscal year.

- H. Based upon availability of funds, merit increases may be approved once per fiscal year by the Mayor and with the approval of the Council, based upon a written evaluation of each employee. Evaluations and recommendations for increases, if any, will be submitted to the Mayor annually on the date designated for increases, by the appropriate Director/Chief. At the discretion of the Mayor and with the approval of the Council, increases may be given on an - across - the - board basis. Other salary increases may be approved by the Mayor and with the approval of the Council within the approved HAVPAY ranges and within the approved budgets, from time to time as conditions may warrant. The City Council will receive quarterly transaction reports on other salary increases; on all new employees, including their positions, salaries and start dates; and on any new employees that were hired at a rate that exceeds the amount budgeted for that position. The City Council also will receive annual reports on employee salaries during the budget process.

Section IV: Responsibility of the Mayor

The administration of this Ordinance shall be the responsibility of the Mayor and the City Clerk/Director of Administration. A manpower document will be furnished to City Council Members with each proposed or amended budget to be approved by the City Council. The manpower document will include positions by title, cost center, department and dollars budgeted. Amendments to the manpower document will be recommended by Department Directors/Chiefs and approved by the City Clerk/Director of Administration and the Mayor. Dollars will be confirmed by Human Resources (Payroll), and the Director of Administration/City Clerk will advise the Council, as indicated herein.

Section V: Legislative Branch Responsibility

The City Council has established the initial pay ranges for each position title. Other changes and additions may be made from time to time by the Council at any regular or special meetings, as outlined hereinabove or upon the request of the Mayor. The City Council will control this Ordinance by its legislative responsibility in the budget process and by the approval of subsequent changes or additions at adoption of budgets or amended budgets, or at the request of the Mayor.

Section VI: Civil Service Procedure

If any provision of this Ordinance is in conflict with the Civil Service laws and regulations pertaining to certain Policemen and Firemen, or any other municipal employee, the Civil Service laws and rules shall take precedence in such instances over provisions of this Ordinance.

Section VII: Career Development Plans

The Career Development Plans for Sworn Police Officers and Fire Fighters 'are attached hereto and made a part of this Ordinance as if copied in its entirety herein (Attachment B).

Section VIII: Separability

If any provision of this Ordinance shall be held invalid, the remainder of this Ordinance and the application of such to persons or circumstances other than those to which it is held invalid shall not be affected thereby.

Section IX: That Ordinance 2826, adopted 8-19-03, amended by Ordinance 2562, adopted 8-20-96, amended by Ordinance No. 2588, adopted 2-18-97, amended by Ordinance No. 2614, adopted 11-18-97, amended by Ordinance no. 2739, adopted 11-21-00, amended by Ordinance No. 2756, adopted 7-17-01, amended by Ordinance No. 2776, adopted 1-22-02 and any other ordinances in conflict, be and the same are hereby repealed.

Section X: That this Ordinance shall take effect and be in force from and after passage as provided by law.

The foregoing Ordinance having been reduced to writing, the same was introduced by Council member Carroll, seconded by Council member Dryden, and was adopted by the following vote, to-wit:

YEAS: Bradley
Carroll
Dryden
Naylor

NAYS: Delgado

THE President thereby declared the motion carried and the foregoing Ordinance adopted and approved, this the 17th day of March, A.D., 2015.

(S E A L)

ATTEST:


CLERK OF COUNCIL

ADOPTED:


PRESIDENT

THE above foregoing Ordinance having been submitted to and approved by the Mayor, this the 17th day of March, A.D., 2015.

ATTEST:

DEPUTY CITY CLERK

APPROVED:

MAYOR

CITY OF HATTIESBURG
HAY PAY DOCUMENT
08/2003

	GRADE	POSITION TITLE
1	9-12	ACCOUNTANT
2	5-6	ACCOUNTING TECHNICIAN
3	7-10	ADMINISTRATIVE ASSISTANT
4	9	ADMINISTRATIVE ASSISTANT/ACCREDITATION MANAGER
5	4	ANIMAL CONTROL OFFICER
6	4	ANIMAL KEEPER
7	5	ASSESSMENT/COLLECTION ASSISTANT
8	6	ASSESSMENT/COLLECTION ASSISTANT COORDINATOR
9	16	ASSISTANT CHIEF OF POLICE
10	8-12	ASSISTANT DIVISION MANAGER
11	4	ASSISTANT RECREATION SPECIALIST
12	14	BUREAU COMMANDER
13	11	CDBG ADMINISTRATOR
14	7	CENTER SUPERVISOR
15	19	CHIEF ADMINISTRATIVE OFFICER
16	17	CHIEF FINANCIAL OFFICER
17	SET BY COUNCIL	CITY ATTORNEY
18	10	CLERK OF COUNCIL
19	9	CODE ENFORCEMENT OFFICER
20	17	COMPTROLLER
21	10	COMMUNITY DEVELOPMENT SPECIALIST
22	6-9	CREW FOREMAN
23	7-10	CREW SUPERVISOR
24	4	CREW WORKER
25	8	CRIME ANALYST
26	9	CRIME SCENE TECHNICIAN
27	4-9	CRIME STOPPERS COORDINATOR
28	3	CUSTODIAN
29	17-18	DEPARTMENT DIRECTOR/CHIEF
30	5	DEPUTY COURT CLERK
31	12	DEPUTY COURT CLERK/PROGRAM COORDINATOR
32	8	DEPUTY MUNICIPAL CLERK
33	8	DISABILITY ADVOCATE
34	9-16	DIVISION MANAGER
35	5	DRIVER
36	16	ENGINEER
37	10	ENGINEER SUPERVISOR
38	8	ENGINEER TECHNICIAN
39	5	EQUIPMENT OPERATOR
40	8	EVIDENCE TECHNICIAN
41	4-7	FACILITY MAINTENANCE REPAIRER
42	4	FACILITY MAINTENANCE WORKER
43	8	FIRE INSPECTOR - CLASS I AND CLASS II
44	9	FIRE INSPECTOR - CLASS III AND CLASS IV
45	14	GENERAL MANAGER
46	10	GIS TECHNICIAN
47	14	GOVERNMENTAL ACCOUNTING SPECIALIST

48	12	GRANT COORDINATOR
49	10	HOUSING COORDINATOR
50		

PAGE 2 OF 2

**CITY OF HATTIESBURG
HAY PAY DOCUMENT
08/2003**

	GRADE	POSITION TITLE
51	7	HUMAN RESOURCES GENERALIST
52	9	HUMAN RESOURCES SPECIALIST
53	3	INTERN
57	13	LAND USE CODE ADMINISTRATOR
55	4	LIFEGUARD
56	15	MAJOR - POLICE DEPARTMENT
57	6-9	MECHANIC
58	11	MPO SPECIALIST
59	10	MUNICIPAL COURT CLERK
60	SET BY COUNCIL	MUNICIPAL JUDGE POST I
61	SET BY COUNCIL	MUNICIPAL JUDGE POST II
62	SET BY COUNCIL	MUNICIPAL PROSECUTOR POST I
63	SET BY COUNCIL	MUNICIPAL PROSECUTOR POST II
64	SET BY COUNCIL	MUNICIPAL PUBLIC DEFENDER
65	10	NEIGHBORHOOD DEVELOPMENT OFFICER
66	4-9	OFFICE ASSISTANT
67	8-9	OFFICE MANAGER
68	5	OPERATING ENGINEER
69	5	ZOO SECURITY CREW
70	3	PARKING ATTENDANT
71	5	PARKING VIOLATION OFFICER
72	11	PLANNER
73	8-15	PROGRAMMER
74	13	PUBLIC RELATIONS COORDINATOR
75	6	PURCHASING ASSISTANT
76	4	RECORDS CLERK
77	8	RECREATION SPECIALIST
78	2	VISITOR SERVICES WORKER
79	1	SCHOOL PATROL
80	10	SHOP FOREMAN
81	15	SYSTEMS ANALYST
82	9	SYSTEMS TECHNICIAN
83	10	TECHNICAL INSPECTOR
84	5	TELECOMMUNICATOR
85	4	TELESERVICE CLERK
86	9-10	TRANSIT SPECIALIST
87	8	VICTIMS ADVOCATE
88	8	YOUTH COURT LIAISON
89	16	ZOO ADMINISTRATOR
90	12	ZOO CURATOR

City of Hanteburg
Rep./Grade Plan
December 15, 2001

2080 Hours / Year

Annual Salary

Monthly Salary

Hourly Wage

2080 Hours / Year

Annual Salary

Monthly Salary

Hourly Wage

Grade One	\$10,712.00 \$892.67 \$5.15	\$11,033.36 \$919.45 \$5.20	\$11,366.46 \$947.03 \$5.46	\$11,705.29 \$975.44 \$5.63	\$12,050.45 \$1,004.70 \$5.80	\$12,418.14 \$1,037.87 \$5.97	\$12,790.69 \$1,063.89 \$6.15	\$13,174.41 \$1,097.87 \$6.33	\$13,569.64 \$1,130.80 \$6.52	\$13,976.73 \$1,164.64 \$6.72	\$14,396.03 \$1,199.67 \$6.92	\$14,827.91 \$1,235.56 \$7.13	\$15,272.73 \$1,272.73 \$7.34	\$15,730.95 \$1,310.91 \$7.56	\$16,202.80 \$1,350.24 \$7.79	\$16,688.95 \$1,390.75 \$8.02	\$17,189.62 \$1,432.47 \$8.26	\$17,705.30 \$1,475.54 \$8.51	\$18,236.46 \$1,519.71 \$8.77	\$18,783.56 \$1,565.30 \$9.03
Grade Two	\$11,763.20 \$981.93 \$5.67	\$12,136.70 \$1,011.39 \$5.83	\$12,500.80 \$1,041.73 \$6.01	\$12,873.10 \$1,072.99 \$6.19	\$13,256.20 \$1,105.17 \$6.38	\$13,647.10 \$1,138.33 \$6.57	\$14,046.80 \$1,172.48 \$6.76	\$14,455.10 \$1,207.65 \$6.97	\$14,873.00 \$1,243.88 \$7.18	\$15,299.50 \$1,281.20 \$7.39	\$15,734.80 \$1,319.64 \$7.61	\$16,179.00 \$1,359.23 \$7.84	\$16,632.10 \$1,409.32 \$8.07	\$17,094.20 \$1,461.26 \$8.28	\$17,578.40 \$1,515.61 \$8.50	\$18,081.50 \$1,574.06 \$8.73	\$18,603.80 \$1,638.79 \$8.96	\$19,145.90 \$1,705.28 \$9.19	\$19,738.10 \$1,782.83 \$9.44	\$20,360.10 \$1,867.88 \$9.69
Grade Three	\$12,861.52 \$1,080.13 \$6.23	\$13,350.37 \$1,112.35 \$6.42	\$13,750.88 \$1,145.91 \$6.61	\$14,103.40 \$1,180.28 \$6.81	\$14,588.30 \$1,215.69 \$7.01	\$15,025.95 \$1,252.16 \$7.22	\$15,476.73 \$1,289.73 \$7.44	\$15,941.03 \$1,328.42 \$7.66	\$16,428.42 \$1,368.27 \$7.89	\$16,931.84 \$1,409.32 \$8.13	\$17,453.14 \$1,505.10 \$8.38	\$17,994.19 \$1,550.95 \$8.63	\$18,556.61 \$1,604.66 \$8.89	\$19,131.12 \$1,664.66 \$9.15	\$19,728.55 \$1,729.66 \$9.40	\$20,348.03 \$1,797.17 \$9.67	\$20,982.09 \$1,888.94 \$9.93	\$21,643.42 \$1,963.81 \$10.16	\$22,332.99 \$2,048.94 \$10.41	\$23,056.76 \$2,130.94 \$10.66
Grade Four	\$14,257.67 \$1,188.14 \$6.85	\$14,685.40 \$1,223.78 \$7.06	\$15,125.96 \$1,260.50 \$7.27	\$15,579.74 \$1,298.31 \$7.49	\$16,047.14 \$1,337.26 \$7.71	\$16,528.55 \$1,377.38 \$7.95	\$17,024.41 \$1,418.70 \$8.18	\$17,535.14 \$1,461.26 \$8.43	\$18,061.19 \$1,505.10 \$8.68	\$18,603.32 \$1,550.95 \$8.94	\$19,161.12 \$1,604.66 \$9.21	\$19,735.95 \$1,664.66 \$9.49	\$20,328.63 \$1,699.00 \$9.77	\$20,957.87 \$1,745.57 \$10.00	\$21,565.03 \$1,797.17 \$10.37	\$22,212.99 \$1,851.08 \$10.68	\$22,897.38 \$1,906.61 \$10.99	\$23,619.38 \$1,963.81 \$11.24	\$24,372.73 \$2,022.72 \$11.59	\$25,060.91 \$2,088.41 \$11.84
Grade Five	\$15,683.44 \$1,306.95 \$7.54	\$16,153.94 \$1,346.16 \$7.77	\$16,631.56 \$1,386.55 \$8.00	\$17,127.72 \$1,428.14 \$8.24	\$17,641.85 \$1,470.99 \$8.49	\$18,181.40 \$1,515.12 \$8.74	\$18,726.85 \$1,560.37 \$9.00	\$19,288.65 \$1,607.55 \$9.27	\$19,867.21 \$1,653.61 \$9.55	\$20,463.33 \$1,703.28 \$9.84	\$21,077.23 \$1,756.44 \$10.13	\$21,709.55 \$1,809.13 \$10.44	\$22,360.83 \$1,863.40 \$10.75	\$23,031.66 \$1,919.30 \$11.07	\$23,722.61 \$1,976.88 \$11.41	\$24,434.29 \$2,036.19 \$11.75	\$25,167.32 \$2,097.28 \$12.10	\$25,922.34 \$2,167.32 \$12.35	\$26,700.01 \$2,244.57 \$12.60	\$27,501.01 \$2,300.93 \$12.85
Grade Six	\$17,251.78 \$1,437.65 \$8.29	\$17,769.34 \$1,480.78 \$8.54	\$18,302.43 \$1,525.20 \$8.80	\$18,851.49 \$1,570.96 \$9.06	\$19,411.03 \$1,616.09 \$9.34	\$19,995.54 \$1,666.63 \$9.62	\$20,599.50 \$1,716.63 \$9.90	\$21,239.27 \$1,768.13 \$10.20	\$21,909.45 \$1,821.17 \$10.51	\$22,606.39 \$1,875.75 \$10.82	\$23,339.27 \$1,934.95 \$11.15	\$24,109.45 \$2,003.29 \$11.56	\$24,913.39 \$2,083.39 \$11.90	\$25,750.45 \$2,169.63 \$12.26	\$26,628.55 \$2,259.29 \$12.63	\$27,546.61 \$2,361.61 \$13.01	\$28,469.70 \$2,469.74 \$13.40	\$29,425.45 \$2,594.79 \$13.80	\$30,425.63 \$2,732.23 \$14.21	\$31,463.84 \$2,887.72 \$14.64
Grade Seven	\$18,797.98 \$1,581.41 \$9.12	\$19,546.27 \$1,628.86 \$9.40	\$20,133.66 \$1,672.02 \$9.68	\$20,736.64 \$1,728.05 \$9.97	\$21,360.74 \$1,779.49 \$10.27	\$21,999.50 \$1,833.29 \$10.58	\$22,659.48 \$1,888.29 \$10.89	\$23,339.27 \$1,944.94 \$11.22	\$24,039.45 \$2,003.29 \$11.56	\$24,760.63 \$2,063.39 \$11.90	\$25,503.45 \$2,125.29 \$12.26	\$26,268.55 \$2,199.05 \$12.63	\$27,056.61 \$2,285.61 \$13.01	\$27,868.21 \$2,370.33 \$13.40	\$28,704.36 \$2,461.57 \$13.80	\$29,565.49 \$2,554.29 \$14.21	\$30,452.45 \$2,637.70 \$14.64	\$31,366.03 \$2,730.21 \$15.08	\$32,307.01 \$2,814.57 \$15.53	\$33,276.22 \$2,902.93 \$16.00
Grade Eight	\$20,174.66 \$1,739.55 \$10.04	\$21,580.90 \$1,791.74 \$10.34	\$22,148.92 \$1,845.49 \$10.65	\$22,810.30 \$1,900.86 \$10.97	\$23,494.61 \$1,957.88 \$11.30	\$24,199.45 \$2,013.62 \$11.63	\$24,925.47 \$2,079.12 \$11.98	\$25,673.20 \$2,139.43 \$12.34	\$26,443.39 \$2,209.62 \$12.71	\$27,246.49 \$2,285.72 \$13.09	\$28,055.45 \$2,363.97 \$13.49	\$28,895.41 \$2,439.29 \$13.89	\$29,762.27 \$2,519.05 \$14.31	\$30,655.14 \$2,594.79 \$14.74	\$31,522.04 \$2,674.95 \$15.18	\$32,422.04 \$2,754.57 \$15.64	\$33,363.29 \$2,840.74 \$16.10	\$34,340.63 \$2,927.00 \$16.59	\$35,353.71 \$3,004.63 \$17.09	\$36,403.84 \$3,082.32 \$17.60
Grade Nine	\$22,462.12 \$1,913.51 \$11.04	\$23,650.99 \$1,970.92 \$11.37	\$24,260.52 \$2,030.04 \$11.71	\$25,091.33 \$2,090.94 \$12.06	\$25,844.07 \$2,153.67 \$12.43	\$26,619.39 \$2,218.28 \$12.80	\$27,417.98 \$2,293.65 \$13.18	\$28,240.52 \$2,364.57 \$13.58	\$29,087.73 \$2,443.88 \$13.98	\$29,960.76 \$2,519.43 \$14.40	\$30,859.17 \$2,597.60 \$14.84	\$31,780.45 \$2,683.75 \$15.28	\$32,728.50 \$2,772.21 \$15.74	\$33,720.55 \$2,861.06 \$16.21	\$34,732.27 \$2,949.36 \$16.70	\$35,774.32 \$3,031.06 \$17.21	\$36,847.47 \$3,107.62 \$17.72	\$37,952.89 \$3,162.74 \$18.25	\$39,091.48 \$3,257.62 \$18.79	\$40,264.22 \$3,355.35 \$19.36
Grade Ten	\$25,458.34 \$2,104.86 \$12.14	\$26,916.09 \$2,168.01 \$12.51	\$27,796.57 \$2,239.54 \$12.88	\$28,600.47 \$2,300.04 \$13.27	\$29,424.48 \$2,365.35 \$13.67	\$30,281.33 \$2,430.04 \$14.08	\$31,159.77 \$2,513.31 \$14.50	\$32,064.57 \$2,588.71 \$14.93	\$32,993.01 \$2,674.95 \$15.38	\$33,941.11 \$2,763.34 \$15.87	\$34,913.02 \$2,851.02 \$16.43	\$35,916.15 \$2,933.01 \$16.95	\$36,966.38 \$3,010.16 \$17.51	\$38,095.47 \$3,103.79 \$18.03	\$39,306.50 \$3,179.31 \$18.57	\$40,593.21 \$3,279.31 \$19.10	\$41,748.18 \$3,377.68 \$19.49	\$43,000.63 \$3,490.92 \$20.07	\$44,585.44 \$3,583.39 \$20.67	\$46,500.64 \$3,690.89 \$21.29
Grade Eleven	\$27,784.17 \$2,231.35 \$13.36	\$28,617.69 \$2,316.76 \$13.76	\$29,476.23 \$2,394.17 \$14.17	\$30,360.51 \$2,456.35 \$14.60	\$31,271.33 \$2,505.84 \$15.03	\$32,209.47 \$2,605.84 \$15.49	\$33,175.55 \$2,704.12 \$15.93	\$34,171.02 \$2,804.52 \$16.45	\$35,196.15 \$2,933.01 \$16.95	\$36,252.64 \$3,021.00 \$17.43	\$37,352.64 \$3,111.63 \$17.95	\$38,493.79 \$3,204.98 \$18.49	\$39,673.58 \$3,300.13 \$19.04	\$40,891.99 \$3,400.17 \$19.62	\$42,126.05 \$3,502.17 \$20.20	\$43,316.83 \$3,607.24 \$20.81	\$44,585.44 \$3,715.45 \$21.44	\$45,923.00 \$3,826.92 \$22.08	\$47,500.69 \$3,941.72 \$22.74	\$49,059.98 \$4,059.98 \$23.42
Grade Twelve	\$30,562.59 \$2,466.88 \$14.69	\$31,479.46 \$2,523.29 \$15.13	\$32,423.85 \$2,579.59 \$15.59	\$33,396.56 \$2,701.99 \$16.06	\$34,399.46 \$2,783.03 \$16.54	\$35,430.41 \$2,865.54 \$17.03	\$36,493.33 \$2,952.53 \$17.54	\$37,588.13 \$3,041.11 \$18.07	\$38,715.77 \$3,132.34 \$18.61	\$39,877.24 \$3,226.31 \$19.17	\$41,073.56 \$3,323.40 \$19.75	\$42,505.77 \$3,428.80 \$20.34	\$43,974.94 \$3,531.02 \$20.95	\$44,882.19 \$3,629.39 \$21.58	\$46,228.65 \$3,730.24 \$22.23	\$47,615.51 \$3,837.96 \$22.89	\$49,043.98 \$4,007.00 \$23.58	\$50,515.20 \$4,209.61 \$24.29	\$52,030.76 \$4,335.90 \$25.01	\$53,591.68 \$4,465.97 \$25.71
Grade Thirteen	\$33,618.84 \$2,801.57 \$16.16	\$34,637.41 \$2,865.62 \$16.65	\$35,666.23 \$2,977.19 \$17.15	\$36,736.22 \$3,061.33 \$17.66	\$37,831.31 \$3,153.19 \$18.19	\$38,973.46 \$3,249.71 \$18.74	\$40,142.66 \$3,345.22 \$19.30	\$41,346.94 \$3,438.95 \$19.88	\$42,587.25 \$3,548.85 \$20.47	\$43,864.97 \$3,655.41 \$21.09	\$45,180.92 \$3,768.97 \$21.72	\$46,556.34 \$3,893.87 \$22.37	\$47,880.43 \$4,001.48 \$23.04	\$49,307.45 \$4,114.24 \$23.74	\$50,851.52 \$4,237.63 \$24.45	\$52,377.06 \$4,364.76 \$25.18	\$53,948.38 \$4,495.49 \$25.94	\$55,566.43 \$4,630.57 \$26.71	\$57,233.43 \$4,769.49 \$27.52	\$58,950.85 \$4,912.57 \$28.34
Grade Fourteen	\$36,980.73 \$3,081.73 \$17.78	\$38,090.15 \$3,174.18 \$18.31	\$39,233.86 \$3,269.40 \$18.86	\$40,409.84 \$3,369.40 \$19.41	\$41,625.14 \$3,468.51 \$20.01	\$42,870.80 \$3,572.57 \$20.61	\$44,155.92 \$3,729.14 \$21.23	\$45,481.63 \$3,903.84 \$21.87	\$46,846.68 \$4,053.91 \$22.52	\$48,251.46 \$4,166.00 \$23.20	\$49,699.01 \$4,282.89 \$23.89	\$51,189.39 \$4,391.81 \$24.61	\$52,725.66 \$4,501.34 \$25.35	\$54,307.45 \$4,611.24 \$26.11	\$55,936.67 \$4,735.39 \$26.88	\$57,614.77 \$4,801.22 \$27.70	\$59,347.54 \$4,939.79 \$28.53	\$61,123.51 \$5,093.63 \$29.39	\$62,957.22 \$5,246.41 \$30.27	\$64,846.53 \$5,400.83 \$31.18
Grade Fifteen	\$40,678.80 \$3,389.90 \$19.56	\$41,899.17 \$3,491.60 \$20.14	\$43,156.14 \$3,596.35 \$20.75	\$44,450.83 \$3,704.24 \$21.37	\$45,784.35 \$3,819.80 \$22.01	\$47,157.88 \$3,929.82 \$22.67	\$48,577.62 \$4,047.72 \$23.35	\$49,929.80 \$4,169.15 \$24.05	\$51,310.69 \$4,294.05 \$24.76	\$52,730.30 \$4,382.05 \$25.47	\$54,180.61 \$4,502.05 \$26.18	\$55,683.76 \$4,605.36 \$26.86	\$57,229.62 \$4,722.05 \$27.55	\$58,820.48 \$4,845.36 \$28.24	\$60,456.03 \$4,972.05 \$28.91	\$62,129.47 \$5,081.00 \$29.58	\$63,849.38 \$5,201.34 \$30.25	\$65,698.88 \$5,335.69 \$30.92		

CITY OF HATTIESBURG
APPOINTED OFFICIAL/EMPLOYEE

GRADE	POSITION TITLE
\$62,000	CITY ATTORNEY
\$50,000	MUNICIPAL JUDGE (3)
\$18,540	MUNICIPAL PROSECUTOR (2)
\$18,540	MUNICIPAL PUBLIC DEFENDER
17-18	DEPARTMENT DIRECTOR/CHIEFS

CITY OF HATTIESBURG POLICE DEPARTMENT
CAREER DEVELOPMENT PAY SCALE
Oct-08

STEP	POLICE OFFICER	SERGEANT	LIEUTENANT	CAPTAIN
1	\$30,000.00			
2	\$31,500.00			
3	\$33,000.00			
4	\$34,500.00			
5	\$36,000.00			
6	\$37,500.00			
7	\$39,000.00			
8	\$40,500.00	\$40,500.00		
9	\$42,000.00	\$42,000.00	\$42,000.00	
10	\$43,500.00	\$43,500.00	\$43,500.00	\$43,500.00
11	\$45,000.00	\$45,000.00	\$45,000.00	\$45,000.00
12	\$46,500.00	\$46,500.00	\$46,500.00	\$46,500.00
13	\$48,000.00	\$48,000.00	\$48,000.00	\$48,000.00
14	\$49,500.00	\$49,500.00	\$49,500.00	\$49,500.00
15	\$51,000.00	\$51,000.00	\$51,000.00	\$51,000.00
16		\$52,500.00	\$52,500.00	\$52,500.00
17		\$54,000.00	\$54,000.00	\$54,000.00
18		\$55,500.00	\$55,500.00	\$55,500.00
19		\$57,000.00	\$57,000.00	\$57,000.00
20			\$58,500.00	\$58,500.00
21			\$60,000.00	\$60,000.00
22			\$61,500.00	\$61,500.00
23			\$63,000.00	\$63,000.00
24			\$64,500.00	\$64,500.00
25			\$66,000.00	\$66,000.00

	CITY OF HATTIESBURG						
	FIRE DEPARTMENT PAY SCALE						
*RD = Relief Driver			Oct-08				
*FF = Firefighter							
		Years				Battalion	Assistant
	Firefighter	of Svc	Engineer	Lieutenant	Captain	Chief	Chief
Recruit	\$22,000.00						
One year firefighter	\$27,600.00						
RD under 1 yr or 3 yr FF	\$29,100.00						
1 yr RD or 4 yr FF	\$29,600.00						
2 yr RD or 5 yr FF	\$30,100.00						
3yr RD or 6yr FF	\$30,600.00						
4 yr RD or 7 yr FF	\$31,100.00						
5 yr RD or 8 yr FF	\$31,600.00						
6 yr RD or 9 yr FF	\$32,100.00						
7 yr Rd or 10 yr FF	\$32,600.00						
8 yr RD or 11 yr FF	\$33,100.00	5 years	\$33,100.00				
9 yr RD or 12 yr FF	\$33,600.00	6 years	\$33,600.00	\$35,100.00			
10 yr RD or 13 yr FF	\$34,100.00	7 years	\$34,100.00	\$35,600.00			
11 yr RD or 14 yr FF	\$34,600.00	8 years	\$34,600.00	\$36,100.00	\$37,600.00		
12 yr RD or 15 yr FF	\$35,100.00	9 years	\$35,100.00	\$36,600.00	\$38,100.00		
13 yr RD or 16 yr FF	\$35,600.00	10 years	\$35,600.00	\$37,100.00	\$38,600.00		
14 yr RD or 17 yr FF	\$36,100.00	11 years	\$36,100.00	\$37,600.00	\$39,100.00		
15 yr RD or 18 yr FF	\$36,600.00	12 years	\$36,600.00	\$38,100.00	\$39,600.00	\$44,100.00	
16 yr RD or 19 yr FF	\$37,100.00	13 years	\$37,100.00	\$38,600.00	\$40,100.00	\$44,600.00	
17 yr RD or 20 yr FF	\$37,600.00	14 years	\$37,600.00	\$39,100.00	\$40,600.00	\$45,100.00	
18 yr RD or 21 yr FF	\$38,100.00	15 years	\$38,100.00	\$39,600.00	\$41,100.00	\$45,600.00	\$49,600.00
19 yr RD or 22 yr FF	\$38,600.00	16 years	\$38,600.00	\$40,100.00	\$41,600.00	\$46,100.00	\$50,100.00
20 yr RD or 23 yr FF	\$39,100.00	17 years	\$39,100.00	\$40,600.00	\$42,100.00	\$46,600.00	\$50,600.00
21 yr RD or 24 yr FF	\$39,600.00	18 years	\$39,600.00	\$41,100.00	\$42,600.00	\$47,100.00	\$51,100.00
22 yr RD or 25 yr FF	\$40,100.00	19 years	\$40,100.00	\$41,600.00	\$43,100.00	\$47,600.00	\$51,600.00
23 yr RD or 26 yr FF	\$40,600.00	20 years	\$40,600.00	\$42,100.00	\$43,600.00	\$48,100.00	\$52,100.00
24 yr RD or 27 yr FF	\$41,100.00	21 years	\$41,100.00	\$42,600.00	\$44,100.00	\$48,600.00	\$52,600.00
25 yr RD or 28 yr FF	\$41,600.00	22 years	\$41,600.00	\$43,100.00	\$44,600.00	\$49,100.00	\$53,100.00
26 yr RD or 29 yr FF	\$42,100.00	23 years	\$42,100.00	\$43,600.00	\$45,100.00	\$49,600.00	\$53,600.00
		24 years	\$42,600.00	\$44,100.00	\$45,600.00	\$50,100.00	\$54,100.00
		25 years	\$43,100.00	\$44,600.00	\$46,100.00	\$50,600.00	\$54,600.00
		26 years	\$43,600.00	\$45,100.00	\$46,600.00	\$51,100.00	\$55,100.00
		27 years	\$44,100.00	\$45,600.00	\$47,100.00	\$51,600.00	\$55,600.00
		28 years	\$44,600.00	\$46,100.00	\$47,600.00	\$52,100.00	\$56,100.00
		29 years	\$45,100.00	\$46,600.00	\$48,100.00	\$52,600.00	\$56,600.00



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-662

File ID: 2017-662

Type: Resolution

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 08/22/2017

Brief Title: Resolution appointing Municipal Court Judge.

Final Action: 08/22/2017

Minute Book Number: MB2017-359

Title:

Adopt a Resolution appointing Wesley Curry as Municipal Court Judge, for the City of Hattiesburg at a rate of pay of \$70,000.00.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number:

Sponsors:

Enactment Date:

Attachments: RES- Curry, Curry-Resume, RES#2017-134, executed
RES- Curry

Enactment Number:

Contact:

Meeting Date:

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council - Amendments to the Agenda	08/22/2017					
1	City Council	08/22/2017	Adopt				Pass
Action Text: A MOTION was made by Council Vice President Dryden and seconded by Council Member George to Adopt a Resolution appointing Wesley Curry as Municipal Court Judge for the City of Hattiesburg at a rate of pay of \$70,000.00.							
Council member Delgado said that she will vote for this item; she said that she and the mayor had a discussion, as this sets a precedent and it will be seen again.							
Following discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							

Yea: 5 Council Member George
Council Member Delgado
Council President Carroll
Council Vice President Dryden
Council Member Brown

Text of Legislative File 2017-662

Title

Adopt a Resolution appointing Wesley Curry as Municipal Court Judge, for the City of Hattiesburg at a rate of pay of \$70,000.00.

Summary

Appointing Municipal Court Judge.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

**RESOLUTION FOR APPOINTING MUNICIPAL COURT JUDGE
FOR THE CITY OF HATTIESBURG**

WHEREAS, the Council recognizes the need to appoint a Municipal Court Judge; and
WHEREAS, the Council desires the administration of the City to continue to operate its routine functions.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HATTIESBURG:

Section 1. That Wesley Curry be and is hereby appointed as Municipal Court Judge, effective August 22, 2017, until further ordered.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____, seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

The President thereby declared the motion carried and the Resolution adopted, this the 22nd day of August, 2017.

(S E A L)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd Day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Wes Curry

P. O. Box 51
Hattiesburg, MS 39403
wes@curryandcurry.net
601-543-2975

Professional Summary

I am a fair and impartial judge, a reliable, responsible and hard working attorney, proficient in serving as an experienced advocate. I am passionate and motivated, with a desire for excellence. I have over 16 years in private practice and service in various judicial positions.

Skills

- Sound Judgment
- Organized, Thorough and Efficient
- Straightforward and Honest
- Proven Experience
- Knowledgeable and Conscientious
- Empathetic and Rational

Experience

*Justice Court Judge – District 1
Forrest County, Mississippi*

*January 2012 - Present
Hattiesburg, MS*

- Presided over and ruled on thousands of civil and criminal trials
- Ruled on admissibility of evidence and methods of conducting testimony
- Sentenced defendants in criminal cases in accordance with applicable government statutes

*Partner
Curry & Curry, PLLC*

*December 2002 - Present
Hattiesburg, MS*

- Represented clients in State and Federal Courts of Mississippi and Tennessee and before government agencies
- Interpreted laws, rulings and regulations for individuals and businesses to meet their short and long term goals
- Managed firm members and employees in scheduling and managing the needs of the firm
- Practiced in the areas of creditor's rights, general collection and litigation, criminal law, estate work, and bankruptcy.

*Associate
Markow Walker*

*December 2001 – November 2002
Oxford, MS*

- Worked as an attorney with emphasis on Insurance Defense cases, Worker's Compensation cases, estate cases, foreclosure cases and general liability cases
- Participated in all stages of litigation of cases, including research, preparing court filings, preparing Discovery, pre-trial Motions and trial work

*Judicial Clerk for Judge Billy G. Bridges
Mississippi Court of Appeals*

*June 2000 – November 2001
Jackson, MS*

- Researched laws, court decisions, documents, opinions, briefs, or other information related to cases before the court
- Prepared briefs, legal memoranda, or statements of issues involved in cases, including appropriate suggestions or recommendations, and drafted or proofread judicial opinions, decisions, or citations

*Judicial Intern for Justice Michael Sullivan
Mississippi Supreme Court*

*June 1998 – July 1998
Jackson, MS*

- Researched laws, court decisions, opinions and other information related to cases before the court
- Prepared briefs for the Court, including appropriate suggestions or recommendations

Educational Presentations

Mississippi Apartment Association

*February 2017
Hattiesburg, MS*

- "Service Animals, Emotional Assistance Animals and the Landlord"

Mississippi Judicial College – New Judges Orientation

*December 2015
Jackson, MS*

- "Traffic Offenses"
- "Other Misdemeanor Offenses"

Education

*Juris Doctorate
The University of Mississippi*

*May 2000
Oxford, MS*

*Bachelor of Arts in English
The University of Mississippi*

*May 1997
Oxford, MS*

Community Service

- Ruling Elder, Deacon, Sunday School Teacher and Member of First Presbyterian Church, Hattiesburg, MS
- Mock Trial Coach for Presbyterian Christian High School (2015-2017)
- Volunteer Coach for Hattiesburg Youth Soccer Association

Professional

- Member of the Mississippi Justice Court Judge's Association
- Licensed to Practice law in Mississippi and Tennessee
- Board Member and Member of South Central Mississippi Bar Association
- Past President of the Hattiesburg Area Young Lawyer's Association
- Board Member of Mississippi Center for Legal Services Corporation

**RESOLUTION FOR APPOINTING MUNICIPAL COURT JUDGE
FOR THE CITY OF HATTIESBURG**

WHEREAS, the Council recognizes the need to appoint a Municipal Court Judge; and
WHEREAS, the Council desires the administration of the City to continue to operate its routine functions.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HATTIESBURG:

Section 1. That Wesley Curry be and is hereby appointed as Municipal Court Judge, effective October 1, 2017, until further ordered.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden, seconded by Council member George, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

The President thereby declared the motion carried and the Resolution adopted, this the 22nd day of August, 2017.

(S E A L)

ATTEST:


CLERK OF COUNCIL

ADOPTED:


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd Day of August, 2017.

ATTEST:


CITY CLERK

APPROVED:


MAYOR



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-664

File ID: 2017-664

Type: Resolution

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 08/22/2017

Brief Title: Resolution appointing Municipal Court Judge (Post 2).
Pro-Tem

Final Action: 08/22/2017

Minute Book Number: MB2017-359

Title:

Adopt a Resolution appointing Brian Bledsoe as Municipal Court Judge (Post 2), for the City of Hattiesburg at a rate of pay of \$35,000.00.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number:

Sponsors:

Enactment Date:

Attachments: Bledsoe- Resume, Bledsoe- Resolution,
RES#2017-135, executed Bledsoe- Resolution

Enactment Number:

Contact:

Meeting Date:

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council - Amendments to the Agenda	08/22/2017					
1	City Council	08/22/2017	Adopt				Pass
Action Text: A MOTION was made by Council Member George and seconded by Council Vice President Dryden to Adopt a Resolution appointing Brian Bledsoe as Municipal Court Judge (Post 2), for the City of Hattiesburg at a rate of pay of \$35,000.00.							
There being no discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							
Yea: 5 Council Member George Council Member Delgado Council President Carroll Council Vice President Dryden Council Member Brown							

Text of Legislative File 2017-664

Title

Adopt a Resolution appointing Brian Bledsoe as Municipal Court Judge (Post 2), for the City of Hattiesburg at a rate of pay of \$35,000.00.

Summary

Appointment of Municipal Court Judge Pro-Tem.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

BRIAN R. BLEDSOE

49 Belletower Turn • Hattiesburg, MS 39402 • Phone 601-573-8597 • brianrbledsoe@gmail.com

EDUCATION

MISSISSIPPI COLLEGE SCHOOL OF LAW - JACKSON, MS

Juris Doctor, 2009

THE UNIVERSITY OF SOUTHERN MISSISSIPPI – HATTIESBURG, MS

Bachelor of Science, Business Administration, May 2006

Emphasis: Management and Marketing

EXPERIENCE

BRIAN R. BLEDSOE, PLLC - Hattiesburg, MS

Founder/Attorney, 2016 - present

TRIPLE S WELL SERVICE- Columbia, MS

General Counsel, 2016 - present

MONTAGUE, PITTMAN, AND VARNADO, P.A. – Hattiesburg, MS

Associate Attorney, 2012 – 2016

MISSISSIPPI SECRETARY OF STATE, EXECUTIVE DIVISION - Jackson, MS

Special Counsel to the Secretary, May 2009 - 2012

MEMBERSHIPS AND BOARDS

Board Member – University of Southern Mississippi Athletic Foundation (2016-2017)

Founding Member and Past Board Chair of the Kid's Hub Children's Advocacy Center

Member of Main Street Methodist Church - Hattiesburg, Mississippi

Mississippi Community Education Center – Board Member (2014- present)

State Bar of Mississippi

Southwest Central Mississippi Bar

Hattiesburg Area Young Lawyers Association

Phoenix Club of Jackson – President (2012-2013)

Treasurer - Mississippi Sigma Alumni Board of Sigma Alpha Epsilon (2009 – present)

PUBLICATIONS AND PRESENTATIONS

CO-AUTHOR, *2011 Amendments to the Athlete Agents Act*. Mississippi Sports Law Review. 2011.

PRESENTER, *The Mississippi Athlete Agents Act*

- National Collegiate Athletic Association's Uniform Athlete Agents Act Summit; Washington D.C. (November 17, 2011)

BRIAN R. BLEDSOE

49 Belletower Turn • Hattiesburg, MS 39402 • Phone 601-573-8597 • brianrbledsoe@gmail.com

EDUCATION

MISSISSIPPI COLLEGE SCHOOL OF LAW - JACKSON, MS

Juris Doctor, 2009

THE UNIVERSITY OF SOUTHERN MISSISSIPPI – HATTIESBURG, MS

Bachelor of Science, Business Administration, May 2006

Emphasis: Management and Marketing

EXPERIENCE

BRIAN R. BLEDSOE, PLLC - Hattiesburg, MS

Founder/Attorney, 2016 - present

TRIPLE S WELL SERVICE- Columbia, MS

General Counsel, 2016 - present

MONTAGUE, PITTMAN, AND VARNADO, P.A. – Hattiesburg, MS

Associate Attorney, 2012 – 2016

MISSISSIPPI SECRETARY OF STATE, EXECUTIVE DIVISION - Jackson, MS

Special Counsel to the Secretary, May 2009 - 2012

MEMBERSHIPS AND BOARDS

Board Member – University of Southern Mississippi Athletic Foundation (2016-2017)

Founding Member and Past Board Chair of the Kid's Hub Children's Advocacy Center

Member of Main Street Methodist Church - Hattiesburg, Mississippi

Mississippi Community Education Center – Board Member (2014- present)

State Bar of Mississippi

Southwest Central Mississippi Bar

Hattiesburg Area Young Lawyers Association

Phoenix Club of Jackson – President (2012-2013)

Treasurer - Mississippi Sigma Alumni Board of Sigma Alpha Epsilon (2009 – present)

PUBLICATIONS AND PRESENTATIONS

CO-AUTHOR, *2011 Amendments to the Athlete Agents Act*. Mississippi Sports Law Review. 2011.

PRESENTER, *The Mississippi Athlete Agents Act*

- National Collegiate Athletic Association's Uniform Athlete Agents Act Summit; Washington D.C. (November 17, 2011)

**RESOLUTION FOR THE APPOINTMENT OF
MUNICIPAL COURT JUDGE POST 2,
FOR THE CITY OF HATTIESBURG**

WHEREAS, the Council recognizes the need to extend the appointment of Municipal Court Judge Post 2; and

WHEREAS, the Council desires the administration of the City to continue to operate its routine functions.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HATTIESBURG:

Section 1. That the appointment of Brian Bledsoe as Municipal Court Judge Post 2, until further ordered.

Section 2. That public interest and necessity requiring same, this Resolution shall become effective October 22, 2017.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____, seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

The President thereby declared the motion carried and the Resolution adopted this the 22nd day of August, 2017.

(S E A L)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd Day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

**RESOLUTION FOR THE APPOINTMENT OF
MUNICIPAL COURT JUDGE POST 2,
FOR THE CITY OF HATTIESBURG**

WHEREAS, the Council recognizes the need to extend the appointment of Municipal Court Judge Post 2; and

WHEREAS, the Council desires the administration of the City to continue to operate its routine functions.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HATTIESBURG:

Section 1. That the appointment of Brian Bledsoe as Municipal Court Judge Post 2, until further ordered.

Section 2. That public interest and necessity requiring same, this Resolution shall become effective October 1, 2017.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member George, seconded by Council member Dryden, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

The President thereby declared the motion carried and the Resolution adopted this the 22nd day of August, 2017.

(S E A L)

ATTEST:


CLERK OF COUNCIL

ADOPTED:

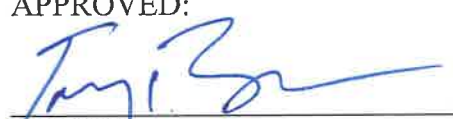

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd Day of August, 2017.

ATTEST:


CITY CLERK

APPROVED:


MAYOR



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-661

File ID: 2017-661

Type: Resolution

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 08/22/2017

Brief Title: Resolution appointing Judge Pro-Tem

Final Action: 08/22/2017

Minute Book Number: MB2017-359-360

Title:

Adopt a Resolution appointing Carol Jones Russell as Municipal Court Judge Pro-Tem, for the City of Hattiesburg.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number:

Sponsors:

Enactment Date:

Attachments: Russell- Resume, Carol Jones Russell-Resolution, RES#2017-136, executed Carol Jones Russell-Resolution

Enactment Number:

Contact:

Meeting Date:

Drafter:

Effective Date:

History of Legislative File

Version:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council - Amendments to the Agenda	08/22/2017					
1	City Council	08/22/2017	Adopt				Pass
	Action Text: Adopt						
		Yea: 5		Council Member George Council Member Delgado Council President Carroll Council Vice President Dryden Council Member Brown			

Text of Legislative File 2017-661

Title

Adopt a Resolution appointing Carol Jones Russell as Municipal Court Judge Pro-Tem, for the

City of Hattiesburg.

Summary

Appointing Judge Pro-Tem.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

CAROL JONES RUSSELL

161 Timberton Drive, Hattiesburg, Mississippi

601-583-9401 • 601-606-3777

cjones08@hotmail.com

EDUCATION

The University of Mississippi School of Law

Juris Doctorate, *Cum Laude Distinction*

Oxford, MS

May 2008

Honors: Alternate Dispute Resolutions Outstanding Student Award, 2007ABA Representative for Regional Mediation Competition

Activities: Dean's Leadership Counsel, Child Advocacy Clinic, Black Law Students Association, American Constitution Society

The University of Southern Mississippi

Bachelor of Science, Finance - *Highest Honors*

Hattiesburg, MS

August 2003

Honors: Vice-Presidential Scholar, Wall Street Journal Outstanding Student Award, President's List, Political Science Award, Dean's List

Activities: SGA Judicial Board, Campus Ambassador, Financial Management Association, Student Investment Management Fund

King's College

Course work in: International Finance and Economics

London, U.K.

June 2002 – August 2002

Hattiesburg High School

Diploma, *Special Honors*

Hattiesburg, MS

May 1999

LEGAL EXPERIENCE

The Carol Jones Russell Law Firm, PLLC

Owner/Attorney, October 1, 2013 – Current

Hattiesburg, MS

Lead Attorney in multifaceted practice with expertise in following areas of litigation, including but not limited to: domestic relations, criminal defense, personal injury, estates, and civil rights litigation. Eighty-five percent of cases are in the family law field. Manage and supervise office personnel including two paralegals, receptionist, file clerk, and billing officer.

The City of Hattiesburg, Mississippi

Municipal Court Judge – Pro Tem, October 2012 – Current

Hattiesburg, MS

On an "as needed bases" Preside over cases involving traffic offenses, civil disputes, and misdemeanor criminal offenses. Preside over felony bond hearings and felony preliminary hearings. Consider warrant applications. Apply laws of the State of Mississippi and the United States to all hearings, trials, and warrant applications.

Forrest County Youth Court

Parent Attorney Representative, October 2012 – Current

Hattiesburg, MS

Represent and manage approximately cases involving parents whose children have been placed with the Department of Human Services. Work with parents to reunite them with their children by helping them achieve the goals set out in a Service Agreement plan with the Department.

Forrest County Public Defender's Office

Hattiesburg, MS

Attorney, July 2010 – October 2012

Represent and manage over 250 clients in felony criminal cases in the Forrest County Judicial District. Representation begins at the initial appearance after arrest and ends either by trial or pre-trial resolution. Responsible for covering all preliminary hearings, bond reduction hearings and lunacy hearings.

Gambrell Law Firm, PLLC

Hattiesburg, MS

Attorney, August 3, 2009 – October 1, 2013

Lead Attorney in multifaceted practice with expertise in following areas of litigation, including but not limited to: domestic relations, criminal defense, personal injury, estates, and civil rights litigation. Represent and manage over 100 clients in all cases. Manage and supervise office personnel including two paralegals, receptionist, file clerk, and billing officer.

Mississippi Supreme Court

Jackson, MS

Judicial Clerk, August 1, 2008 – July 31, 2009

Drafted proposed memoranda and opinions for Mississippi Court of Appeals Judge. Researched, analyzed, and presented legal issues relevant to assigned cases. Reviewed court records and parties' briefs. Reviewed, analyzed, and reported on legal research and analysis contained in opinions circulated for voting.

QUALIFICATIONS

Licensed to Practice law in the State of Mississippi, Southern District Federal Court of Mississippi, Northern District Federal Court of Mississippi, and the 5th Circuit Court of Appeals

PROFESSIONAL AFFILIATIONS

- **Mississippi Bar Association**
 - Women in the Profession Committee
- **South Central Bar Association**
 - Board of Directors, Treasurer
- **Magnolia Bar Association**
 - Regional Director
- **Hattiesburg Area Young Lawyer's Association**

CIVIC & RELIGIOUS AFFILIATIONS

- Hattiesburg Family YMCA – Board Member
- Alpha Kappa Alpha Sorority, Inc.
- Area Development Partnership – PineBelt Leaders Class of 2011
- The University of Southern Mississippi Alumni Association
 - 2015 Greek Hall of Fame Recipient
- Pineview Presbyterian Church, Elder

**RESOLUTION FOR THE APPOINTMENT OF
MUNICIPAL COURT JUDGE PRO-TEM,
FOR THE CITY OF HATTIESBURG**

WHEREAS, the Council recognizes the need to extend the appointment of Municipal Court Judge Pro-Tem; and

WHEREAS, the Council desires the administration of the City to continue to operate its routine functions.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HATTIESBURG:

Section 1. That the appointment of Carol Russell Jones as Municipal Court Judge Pro-Tem, until further ordered.

Section 2. That public interest and necessity requiring same, this Resolution shall become effective October 22, 2017.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____, seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

The President thereby declared the motion carried and the Resolution adopted this the 22nd day of August, 2017.

(S E A L)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd Day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

**RESOLUTION FOR THE APPOINTMENT OF
MUNICIPAL COURT JUDGE POST 2,
FOR THE CITY OF HATTIESBURG**

WHEREAS, the Council recognizes the need to extend the appointment of Municipal Court Judge Post 2; and

WHEREAS, the Council desires the administration of the City to continue to operate its routine functions.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HATTIESBURG:

Section 1. That the appointment of Carol Russell Jones as Municipal Court Judge Post 2, until further ordered.

Section 2. That public interest and necessity requiring same, this Resolution shall become effective October 1, 2017.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Brown, seconded by Council member George, and was adopted by the following vote, to-wit:

YEAS: George
Delgado
Carroll
Dryden
Brown

NAYS: None

The President thereby declared the motion carried and the Resolution adopted this the 22nd day of August, 2017.

(S E A L)

ATTEST:


CLERK OF COUNCIL

ADOPTED:


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd Day of August, 2017.

ATTEST:


CITY CLERK

APPROVED:


MAYOR



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-665

File ID: 2017-665

Type: Resolution

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 08/22/2017

Brief Title: Resolution appointing Municipal Court Clerk.

Final Action: 08/22/2017

Minute Book Number: MB2017-360

Title:

Adopt a Resolution appointing Phillip McSwain as Municipal Court Clerk, for the City of Hattiesburg at a rate of pay of \$48,080.00.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number:

Sponsors:

Enactment Date:

Attachments: RES-Mcswain, Mcswain-Resume, RES#2017-137, executed RES-Mcswain

Enactment Number:

Contact:

Meeting Date:

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council - Amendments to the Agenda	08/22/2017					
1	City Council Action Text: Adopt	08/22/2017	Adopt				Pass
		Yea: 5	Council Member George Council Member Delgado Council President Carroll Council Vice President Dryden Council Member Brown				

Text of Legislative File 2017-665

Title

Adopt a Resolution appointing Phillip McSwain as Municipal Court Clerk, for the City of Hattiesburg at a rate of pay of \$48,080.00.

Summary

Appointing Municipal Court Clerk.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

**RESOLUTION FOR APPOINTING MUNICIPAL COURT CLERK, AND
DEPUTY MUNICIPAL REGISTRAR FOR THE CITY OF HATTIESBURG**

WHEREAS, the Council recognizes the need to appoint a Municipal Court Clerk ;
and

WHEREAS, the Council desires the administration of the City to continue to
operate its routine functions.

**NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY
OF HATTIESBURG:**

Section 1. That Phillip McSwain be appointed as Municipal Court Clerk effective
August 22, 2017 until further ordered.

Section 2. That public interest and necessity requiring same, this Resolution shall
become effective immediately from and after passage.

The above and foregoing Resolution, after having been first reduced to writing, was
introduced by Council member _____, seconded by Council member
_____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

The President thereby declared the motion carried and the Resolution adopted, this
the 22nd day of August, 2017.

(S E A L)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the
Mayor, this the 22nd day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

PHILLIP MCSWAIN JR.

57 Trillium • Hattiesburg, Mississippi 39402 • (601) 325-3799 • phillip.mcswainjr84@gmail.com

OBJECTIVE

To obtain a position with an organization where I can contribute my hard work and skills by striving toward achieving and successfully developing the organization in order to reach it's organizational goals.

SUMMARY OF QUALIFICATIONS

-
- Over 15 years of customer service experience
 - Over five years of clerical experience
 - Over 11 years of cash handling experience

SKILLS/STRENGTHS

Excellent interpersonal and communication skills
Strong computer skills and exposure to Microsoft Word, PowerPoint, and Excel
Well organized and able to handle multiple priorities at one time
Able to type 45 WPM

EMPLOYMENT

Optician, Green Eye Institute, Hattiesburg, MS, June 2015-Present

- Assisted customers with eye care needs and helped to boost sales
- Filled optics and contact lens prescriptions
- Filed customer insurance
- Handled monetary transactions accurately and efficiently

Deputy Clerk, Forrest County Justice Court, Hattiesburg, MS, January 2010-June 2015

- Assist Judge with Court procedures
- File Court documents and process all Court paperwork
- Assist customers in processing payments of misdemeanor fines and filing Court Affidavits
- Respond to inquiries from legal and law enforcement community and general public

PHILLIP MCSWAIN JR.

57 Trillium • Hattiesburg, Mississippi 39402 • (601) 325-3799 • phillip.mcswainjr84@gmail.com

Optician, One Hour Optical, Augusta, GA, February 2008-January 2010

- Assisted customers with eye care needs and helped to boost sales
- Filled optics and contact lenses prescriptions
- Filed customer insurance
- Handled monetary transactions accurately and efficiently

Optician, Wal-Mart, Hattiesburg, MS, October 2002-February 2008

- Educated customers about proper eye care
- Filled and dispensed optical and contact lenses prescription
- Handled monetary transactions accurately and efficiently

EDUCATION

University of Southern Mississippi
Hattiesburg, MS

**2005-2006: Courses completed toward a Bachelor's Degree in
Management and Marketing**

Jones County Junior College
Ellisville, MS

2002-2005: Completed Associate's Degree in Banking & Finance

Perry Central High School
New Augusta, MS

Graduated May 2002

REFERENCES

Available upon request.

**RESOLUTION FOR APPOINTING MUNICIPAL COURT CLERK, AND
DEPUTY MUNICIPAL REGISTRAR FOR THE CITY OF HATTIESBURG**

WHEREAS, the Council recognizes the need to appoint a Municipal Court Clerk ;
and

WHEREAS, the Council desires the administration of the City to continue to
operate its routine functions.

**NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY
OF HATTIESBURG:**

Section 1. That Phillip McSwain be appointed as Municipal Court Clerk effective
October 1, 2017 until further ordered.

Section 2. That public interest and necessity requiring same, this Resolution shall
become effective immediately from and after passage.

The above and foregoing Resolution, after having been first reduced to writing, was
introduced by Council member Dryden, seconded by Council member
George, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

The President thereby declared the motion carried and the Resolution adopted, this
the 22nd day of August, 2017.

(S E A L)

ATTEST:


CLERK OF COUNCIL

ADOPTED:


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the
Mayor, this the 22nd day of August, 2017.

ATTEST:


CITY CLERK

APPROVED:


MAYOR



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-659

File ID: 2017-659

Type: Resolution

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 08/22/2017

Brief Title: Resolution appointing City Prosecutor, Post 1.

Final Action: 08/22/2017

Minute Book Number: MB2017-138

Title:

Adopt a Resolution appointing Sally O'Flynn as Municipal Court Prosecutor, Post 1 for the City of Hattiesburg at a rate of pay of \$85,000.00.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: V.-17

Sponsors:

Enactment Date:

Attachments: RES-O'Flynn, O'Flynn-Resume, RES#2017-138, executed RES-O'Flynn

Enactment Number:

Contact:

Meeting Date:

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council - Amendments to the Agenda	08/22/2017					
1	City Council Action Text: Adopt	08/22/2017	Adopt				Pass
		Yea: 5	Council Member George Council Member Delgado Council President Carroll Council Vice President Dryden Council Member Brown				

Text of Legislative File 2017-659

Title

Adopt a Resolution appointing Sally O'Flynn as Municipal Court Prosecutor, Post 1 for the City of Hattiesburg at a rate of pay of \$85,000.00.

Summary

Appointment of City Prosecutor.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

**RESOLUTION FOR APPOINTING MUNICIPAL PROSECUTOR, POST 1
FOR THE CITY OF HATTIESBURG**

WHEREAS, the Council recognizes the need to appoint a Municipal Prosecutor, Post 1 and

WHEREAS, the Council desires the administration of the City to continue to operate its routine functions.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HATTIESBURG:

Section 1. That Sally O'Flynn be and is hereby appointed as Municipal Prosecutor, Post 1, effective August 22, 2017 until further ordered.

Section 2. That public interest and necessity requiring same, this Resolution shall become effective immediately from and after passage.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____, seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

The President thereby declared the motion carried and the Resolution adopted, this the 22nd day of August, 2017.

(S E A L)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd Day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Sally James O'Flynn
Post Office Box 1386
Hattiesburg, Mississippi 39403
601-545-6666

Department: Court Department

Position: Municipal Prosecutor

Personal: Married to Danny O'Flynn, 31 years

Education: Mississippi College School of Law
Doctor of Jurisprudence, May 1990

University of Southern Mississippi
Bachelor of Science, December 1986

Legal Background:

Sole Practitioner	1990
Public Defender, City of Hattiesburg	6 months
Municipal Prosecutor, City of Hattiesburg	22 years

Licensed to practice in all Mississippi State Courts.

Primary practice in criminal law.

**RESOLUTION FOR APPOINTING MUNICIPAL PROSECUTOR, POST 1
FOR THE CITY OF HATTIESBURG**

WHEREAS, the Council recognizes the need to appoint a Municipal Prosecutor, Post 1 and

WHEREAS, the Council desires the administration of the City to continue to operate its routine functions.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HATTIESBURG:

Section 1. That Sally O'Flynn be and is hereby appointed as Municipal Prosecutor, Post 1, effective October 1 , 2017 until further ordered.

Section 2. That public interest and necessity requiring same, this Resolution shall become effective immediately from and after passage.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden, seconded by Council member Delgado, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

The President thereby declared the motion carried and the Resolution adopted, this the 22nd day of August, 2017.

(S E A L)

ATTEST:


CLERK OF COUNCIL

ADOPTED:

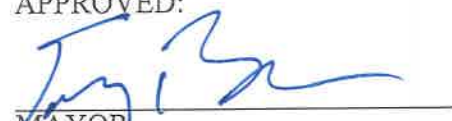

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd Day of August, 2017.

ATTEST:


CITY CLERK

APPROVED:


MAYOR



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-663

File ID: 2017-663

Type: Resolution

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 08/22/2017

Brief Title: Resolution appointing Municipal Prosecutor, Post 2.

Final Action: 08/22/2017

Minute Book Number: MB2017-139

Title:

Adopt a Resolution appointing Anna Rush as Municipal Prosecutor, Post 2 for the City of Hattiesburg at a rate of pay of \$30,000.00.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: V.-18

Sponsors:

Enactment Date:

Attachments: RES-Rush, Rush-Resume, RES#2017-139, executed
RES-Rush

Enactment Number:

Contact:

Meeting Date:

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council - Amendments to the Agenda	08/22/2017					
1	City Council Action Text: Adopt	08/22/2017	Adopt				Pass
		Yea: 5	Council Member George Council Member Delgado Council President Carroll Council Vice President Dryden Council Member Brown				

Text of Legislative File 2017-663

Title

Adopt a Resolution appointing Anna Rush as Municipal Prosecutor, Post 2 for the City of Hattiesburg at a rate of pay of \$30,000.00.

Summary

Appointing Municipal Prosecutor, Post 2.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

**RESOLUTION FOR APPOINTING MUNICIPAL PROSECUTOR, POST 2
FOR THE CITY OF HATTIESBURG**

WHEREAS, the Council recognizes the need to appoint a Municipal Prosecutor, Post 2
and

WHEREAS, the Council desires the administration of the City to continue to operate its
routine functions.

**NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF
HATTIESBURG:**

Section 1. That Anna Rush be and is hereby appointed as Municipal Prosecutor, Post 2,
effective August 22, 2017 until further ordered.

Section 2. That public interest and necessity requiring same, this Resolution shall
become effective immediately from and after passage.

The above and foregoing Resolution, after having been first reduced to writing, was
introduced by Council member _____, seconded by Council member
_____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

The President thereby declared the motion carried and the Resolution adopted, this the
22nd day of August, 2017.

(S E A L)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the
Mayor, this the 22nd Day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

PROFESSIONAL EXPERIENCE

Jefferson B. Stewart and Associates - Hattiesburg, MS

May 2016-present

Attorney; Government Consultant

- Legal practice focused on Family Law and Litigation
- Government consulting focused on Emergency Management and Appropriations

United States Congress – Representative Steven Palazzo (R) MS-04, Washington, DC

Legislative Assistant

August 2014 – May 2016

- Advise the Congressman on a wide portfolio of issues: Healthcare, Energy, Environment, Natural Resources, Emergency Management, Homeland Security, Commerce, Justice, Science, and Insurance
- Draft legislation and amendments,
- Provide legislative counsel to the Congressman
- Supervising attorney for legal externs and space law fellows
- Served as Legislative Correspondent in 2014, reducing pending mail by 85% in two months

Jefferson B. Stewart and Associates, Hattiesburg, MS

Contracted Attorney

May 2014 – May 2015

- Conduct legal research and write briefs on issues ranging from international family law to workers compensation
- Ghostwrote Appellant Brief for the Mississippi Supreme Court, defending a state agency's decision
- **Summer Associate** in 2013, assisted in defense in a murder trial, rendering a not-guilty verdict

Barrett Clisby, Attorney at Law, Oxford, MS

March 2014 – July 2014

Law Clerk. Assisted in trial preparation for a civil suit and following appeal

North Mississippi Rural Legal Services, Oxford, MS

Feb 2014 – May 2014

Volunteer. Handled cases including bankruptcy and family law matters

United States Senate Office – Senator Thad Cochran (R-MS), Oxford, MS

Dec 2012 – Jan 2014

Intern. Assisted in casework related to Bureau of Prisons, Department of Justice, and Department of Interior

The Daily Mississippian Newspaper, Oxford, MS

June 2012 – May 2014

Weekly Opinion Writer. Published a weekly opinion column primarily focused on legal or political issues

John C. Stennis Institute of Government, Starkville, MS

May 2009 – May 2011

Student Research Assistant. Researched for political organizations, analysts, and officials (MS and national)

EDUCATION

J.D. University of Mississippi School of Law

May 2014

Moot Court Board, International Law and Research at University of Cambridge

B.A. Political Science Mississippi State University

May 2011

Graduated Summa Cum Laude, Shackouls Honors College

BAR ADMITTANCE AND AFFILIATIONS

Mississippi Bar, South Central Mississippi Bar Association, Hattiesburg Young Lawyers

February 2014-present

United States Court of Appeals for the Fifth Circuit, Supreme Court of Mississippi,

United States District Courts-North and South Mississippi

COMMUNITY INVOLVEMENT

Washington, DC:

Mississippi Society of Washington, DC – **Social Chair**, Jan 2015 – May 2016

MSU Alumni Association: Washington, DC Chapter – **Scholarship Chair**, Jan 2015 – May 2016

2016 Taste of the South- **Mississippi Vice Chair**

Oxford, MS:

UM Law School Student Body Attorney General; Law Association of Women President

Starkville, MS:

John C. Stennis Scholar; Lambda Sigma Honor Society President; Phi Mu Fraternity President;

Maroon VIP President; Student Government Executive Committee; Student Body Senator

**RESOLUTION FOR APPOINTING MUNICIPAL PROSECUTOR, POST 2
FOR THE CITY OF HATTIESBURG**

WHEREAS, the Council recognizes the need to appoint a Municipal Prosecutor, Post 2
and

WHEREAS, the Council desires the administration of the City to continue to operate its
routine functions.

**NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF
HATTIESBURG:**

Section 1. That Anna Rush be and is hereby appointed as Municipal Prosecutor, Post 2,
effective August 22, 2017 until further ordered.

Section 2. That public interest and necessity requiring same, this Resolution shall
become effective immediately from and after passage.

The above and foregoing Resolution, after having been first reduced to writing, was
introduced by Council member Dryden, seconded by Council member
Brown, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

The President thereby declared the motion carried and the Resolution adopted, this the
22nd day of August, 2017.

(S E A L)

ATTEST:


CLERK OF COUNCIL

ADOPTED:


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the
Mayor, this the 22nd Day of August, 2017.

ATTEST:


CITY CLERK

APPROVED:


MAYOR



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-660

File ID: 2017-660

Type: Resolution

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 08/22/2017

Brief Title: Resolution appointing Municipal Court Prosecutor Pro-Tem.

Final Action: 08/22/2017

Minute Book Number: MB2017-360-361

Title:

Adopt a Resolution appointing Michael J. Shemper as Municipal Court Prosecutor Pro-Tem, for the City of Hattiesburg.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number: V.-19

Sponsors:

Enactment Date:

Attachments: RES-Shemper, Shemper-Resume, RES#2017-140, executed RES-Shemper

Enactment Number:

Contact:

Meeting Date:

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council - Amendments to the Agenda	08/22/2017					
1	City Council	08/22/2017	Adopt				Pass
Action Text: A MOTION was made by Council Member George and seconded by Council Vice President Dryden to Adopt a Resolution appointing Michael J. Shemper as Municipal Court Prosecutor Pro-Tem for the City of Hattiesburg.							
There being no discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							
Yea: 5 Council Member George Council Member Delgado Council President Carroll Council Vice President Dryden Council Member Brown							

Text of Legislative File 2017-660

Title

Adopt a Resolution appointing Michael J. Shemper as Municipal Court Prosecutor Pro-Tem, for the City of Hattiesburg.

Summary

Appointing Municipal Court Prosecutor Pro-Tem.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

**RESOLUTION FOR APPOINTING A PART-TIME MUNICIPAL COURT
PROSECUTOR PRO-TEM
FOR THE CITY OF HATTIESBURG**

WHEREAS, the Council recognizes the need to extend the appointment of Municipal Prosecutor Pro-Tem, and

WHEREAS, the Council desires the administration of the City to continue to operate its routine functions.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HATTIESBURG:

Section 1. That Michael J. Shemper, be appointed as Municipal Court Prosecutor Pro-Tem, effective August 22, 2017 until further ordered.

Section 2. That public interest and necessity requiring same, this Resolution shall become effective immediately from and after passage.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____, seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

The President thereby declared the motion carried and the Resolution adopted, this the 22nd day of August, 2017.

(S E A L)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd Day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

MICHAEL J. SEMP

Michael J. Semp, PLLC
119 Hardy Street / Post Office Box 1727
Hattiesburg, MS 39403-1727
Phone: (601) 545-7787 / Fax: (601) 545-7787
mjsemp@semperlaw.com

Areas of Practice

- City of Hattiesburg, Mississippi Municipal Prosecutor Pro Tem 2007-present)
- Forrest County Industrial Park Commission, Counsel (2005-present)
- Offshore Injuries
- Admiralty & Maritime Law
- Maritime Accidents
- Trucking Accidents
- Motor Vehicle Accidents - Plaintiff
- Spinal & Brain Injuries
- Personal Injury - Plaintiff
- DUI - Driving Under the Influence
- Criminal Law
- Drug Crimes
- Business/Commercial Litigation

Professional Associations and Memberships

- South Central Mississippi Bar Association, President
- Hattiesburg Area Young Lawyers Association, Past President
- Mississippi Association for Justice, Board of Governors
- Mississippi Bar Association, Member
- American Association for Justice, Member
- American Bar Association, Member

Community Board and Organizations

- Pine Burr Area Council/Boy Scouts of America (Silver Beaver Recipient)
- Greater Pinebelt Community Foundation
- Anti-Defamation League Advisory Board (New Orleans)
- Temple B’nai Israel Hattiesburg
- Dubard School for Language Disorders (University of Southern Mississippi)
- ADP Leaders for a New Century (2003)
- Salvation Army’s Boys’ and Girls’ Club

Professional Honors and Awards

- 2015 SuperLawyers Rising Star
- 2014 SuperLawyers Rising Star
- 2013 SuperLawyers Rising Star
- 2012 SuperLawyers Rising Star
- 2011 SuperLawyers Rising Star
- Listed in Verdict Search's Top 100 Verdicts of 2010

Bar Admissions

- Mississippi, 2002
- U.S. District Court Southern District of Mississippi
- U.S. District Court Northern District of Mississippi
- U.S. Court of Appeals 5th Circuit

Education

- University of Mississippi School of Law, University, Mississippi
 - J.D. - 2000
- University of Mississippi
 - B.A. - 1997
- Vanderbilt University

**RESOLUTION FOR APPOINTING MUNICIPAL COURT PROSECUTOR PRO-TEM
FOR THE CITY OF HATTIESBURG**

WHEREAS, the Council recognizes the need to extend the appointment of Municipal Prosecutor Pro-Tem, and

WHEREAS, the Council desires the administration of the City to continue to operate its routine functions.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HATTIESBURG:

Section 1. That Michael J. Shemper, be appointed as Municipal Court Prosecutor Pro-Tem, effective October 1, 2017 until further ordered.

Section 2. That public interest and necessity requiring same, this Resolution shall become effective immediately from and after passage.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member George, seconded by Council member Dryden, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

The President thereby declared the motion carried and the Resolution adopted, this the 22nd day of August, 2017.

(S E A L)

ATTEST:


CLERK OF COUNCIL

ADOPTED:


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd Day of August, 2017.

ATTEST:


CITY CLERK

APPROVED:


MAYOR



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-667

File ID: 2017-667

Type: Resolution

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 08/22/2017

Brief Title: Resolution appointing Municipal Public Defender.

Final Action: 08/22/2017

Minute Book Number: MB2017-141

Title:

Adopt a Resolution appointing Shakita L. Taylor, as Municipal Public Defender for the City of Hattiesburg at a rate of pay of \$42,000.00.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number:

Sponsors:

Enactment Date:

Attachments: RES-Taylor, Taylor- Resume, RES#2017-141, executed RES-Taylor

Enactment Number:

Contact:

Meeting Date:

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council - Amendments to the Agenda	08/22/2017					
1	City Council Action Text: Adopt	08/22/2017	Adopt				Pass
		Yea: 5	Council Member George Council Member Delgado Council President Carroll Council Vice President Dryden Council Member Brown				

Text of Legislative File 2017-667

Title

Adopt a Resolution appointing Shakita L. Taylor, as Municipal Public Defender for the City of Hattiesburg at a rate of pay of \$42,000.00.

Summary

Appointment of Municipal Public Defender.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

**RESOLUTION FOR APPOINTING MUNICIPAL PUBLIC DEFENDER
FOR THE CITY OF HATTIESBURG**

WHEREAS, the Council recognizes the need to appoint a Municipal Public Defender;
and

WHEREAS, the Council desires the administration of the City to continue to operate its routine functions.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HATTIESBURG:

Section 1. That Shakita L. Taylor be and is hereby appointed as Municipal Public Defender, effective August 22, 2017 until further ordered.

Section 2. That public interest and necessity requiring same, this Resolution shall become effective immediately from and after passage.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____, seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

The President thereby declared the motion carried and the Resolution adopted, this the 22nd day of August, 2017.

(S E A L)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd Day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

SHAKITA L. TAYLOR

PO Box 15783 · Hattiesburg, MS 39404 · Phone (601) 896-5108 · Email: shakita.taylorlaw@gmail.com

PROFESSIONAL EXPERIENCE

Public Defender, Hattiesburg Municipal Court, Hattiesburg, MS

March 2015- Present

Represent indigent clients charged with felonies, misdemeanors and traffic cases for which a sentence of incarceration may be imposed in the City of Hattiesburg. Researches case law, communicates with defendant to determine trial strategy, and is the negotiator between the defendant and prosecutor.

Solo Practitioner, Law Firm of Shakita L. Taylor, Hattiesburg, MS

October 2012 – July 2017

Represent clients involving domestic issues including child custody, family support, adoption and divorce. Represent clients involving criminal issues, bankruptcy, and general estate planning. Litigated a variety of domestic and criminal cases and has case pending with the Mississippi Supreme Court.

Staff Attorney, MS Department of Human Services, Hattiesburg, MS

October 2010–September 2012

Represent the State of Mississippi in assisting custodial parents in adjudicating paternity and establishing child support order. Litigated and negotiated hundreds of paternity and child support cases in five counties in Mississippi.

Staff Attorney, Young Williams, PC, Ridgeland, MS

October 2009–September 2010

Promoted from legal administrator to staff attorney upon taking the bar exam. Ensure proper legal representation in all child support matters related to paternity and support order establishment and enforcement; Draft pleadings; Negotiate with opposing counsel, attend hearings, and perform other related activities

Extern, American Civil Liberties Union, Jackson, MS

January 2009– May 2009

Research legal issues using Westlaw and Lexis Nexus legal databases; draft pleadings and memoranda, assisted in trial preparation, and attended hearings

BAR AFFILIATION

Mississippi, 2010

Licensed to practice in all Courts in the State of Mississippi

EDUCATION

Mississippi College School of Law, Jackson, MS

Juris Doctor, May 2009

Rust College, Holly Springs, MS

Bachelors of Arts in English, May 2006

Summa Cum Laude

PUBLICATION

Author of *Broken Bound and Naked: Journey to Healing*

Shakita Taylor

Attorney at Law

PO Box 15783

Hattiesburg, MS 39404

Telephone: 601-896-5108

Email: shakita.taylorlaw@gmail.com

Mayor Toby Barker
200 Forrest Street
Hattiesburg, MS 39401
Hand Delivered

Re: Municipal Court Judge

Mayor Barker,

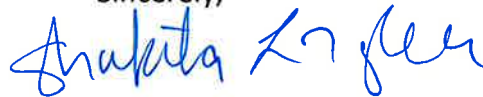
On August 17, 2017, Judge Jerry Evans announced to the Municipal Court staff that he would be retiring from the position of Municipal Court Judge. While I am sure your office has several qualified candidates in mind to fill the position of Municipal Court Judge, I would like to express my interest in the position.

I currently serve as the full time public defender in Municipal Court. As public defender, I am in a unique position to hear both the concerns of the community members who come in contact with the judicial system on the municipal level and the struggles of the Municipal Court clerks as they attempt to provide the best services possible.

I believe I possess the skill set and integrity to review and update Municipal Court operation policies, propose realistic research based solutions to problems the Court is currently facing, and lead the Court into compliance with the new Rules of Criminal Procedure.

Thank you taking time to read this letter and I appreciate you considering me for the Municipal Court Judge position. However, it would be my honor to continue to serve as public defender under whomever you appoint to the position. I am attaching my resume for your review.

Sincerely,



Shakita Taylor

**RESOLUTION FOR APPOINTING MUNICIPAL PUBLIC DEFENDER
FOR THE CITY OF HATTIESBURG**

WHEREAS, the Council recognizes the need to appoint a Municipal Public Defender;
and

WHEREAS, the Council desires the administration of the City to continue to operate its routine functions.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HATTIESBURG:

Section 1. That Shakita L. Taylor be and is hereby appointed as Municipal Public Defender, effective October 1, 2017 until further ordered.

Section 2. That public interest and necessity requiring same, this Resolution shall become effective immediately from and after passage.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden, seconded by Council member Brown, and was adopted by the following vote, to-wit:

YEAS:
George
Delgado
Carroll
Dryden
Brown

NAYS: None

The President thereby declared the motion carried and the Resolution adopted, this the 22nd day of August, 2017.

(S E A L)

ATTEST:


CLERK OF COUNCIL

ADOPTED:


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd Day of August, 2017.

ATTEST:


CITY CLERK

APPROVED:


MAYOR



City of Hattiesburg, MS

200 Forrest St.
P.O. Box 1898
Hattiesburg, MS 39401

Master

File Number: 2017-666

File ID: 2017-666

Type: Resolution

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 08/22/2017

Brief Title: Resolution appointing Municipal Public Defender.

Final Action: 08/22/2017

Minute Book Number: MB2017-142

Title:

Adopt a Resolution appointing Benjamin Thornton as Municipal Public Defender, for the City of Hattiesburg at a rate of pay of \$40,000.00.

Notes:

Agenda Date: 08/22/2017

Indexes:

Agenda Number:

Sponsors:

Enactment Date:

Attachments: RES-Thornton, Thornton-Resume, RES#2017-142, executed RES-Thornton

Enactment Number:

Contact:

Meeting Date:

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council - Amendments to the Agenda	08/22/2017					
1	City Council Action Text: Adopt	08/22/2017	Adopt				Pass
		Yea: 5	Council Member George Council Member Delgado Council President Carroll Council Vice President Dryden Council Member Brown				

Text of Legislative File 2017-666

Title

Adopt a Resolution appointing Benjamin Thornton as Municipal Public Defender, for the City of Hattiesburg at a rate of pay of \$40,000.00.

Summary

Appointing Municipal Public Defender.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

**RESOLUTION FOR APPOINTING MUNICIPAL PUBLIC DEFENDER
FOR THE CITY OF HATTIESBURG**

WHEREAS, the Council recognizes the need to appoint a Municipal Public Defender;
and

WHEREAS, the Council desires the administration of the City to continue to operate its routine functions.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HATTIESBURG:

Section 1. That Benjamin Thornton be and is hereby appointed as Municipal Public Defender, effective August 22, 2017 until further ordered.

Section 2. That public interest and necessity requiring same, this Resolution shall become effective immediately from and after passage.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member _____, seconded by Council member _____, and was adopted by the following vote, to-wit:

YEAS:

NAYS:

The President thereby declared the motion carried and the Resolution adopted, this the 22nd day of August, 2017.

(S E A L)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd Day of August, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

BENJAMIN DODD THORNTON, ESQ.

118 South 10th Avenue
Hattiesburg, MS 39401
Tel.: 601-310-3775
bthorntonlaw@att.net

EDUCATION

Mississippi College School of Law, Jackson, Mississippi
Doctor of Jurisprudence December 2012 *magna cum laude*
Class Rank – 20/195
G.P.A. 3.55

- Moot Court Board
- American Jurisprudence Award – Constitutional Law
- American Jurisprudence Award – Appellate Advocacy
- Recipient, Miss. Chapter of Federal Bar Association – Robert E. Hauberg Award
- Octo-Finalist, Copeland Cook Taylor & Bush Competition;
Semi-Finalist, Olgetree Deakins Moot Court Championship
- Partial Academic Merit Scholarship

University of Southern Mississippi, Honors College, Hattiesburg, Mississippi
Bachelor of Arts *magna cum laude* 1996
G.P.A. 3.66

- Presidential Scholarship – Full Academic Scholarship
- Study Abroad - University of Wales at Swansea
- Outstanding Freshman Male

SPECIAL SKILLS

Fluent in Spanish

LEGAL EXPERIENCE

Law Office of Benjamin Dodd Thornton

2014 - Present

Felony and Misdemeanor Criminal Defense – State and Federal Court, Chancery
Court practice, Immigration Attorney before the Executive Office for
Immigration Review Immigration Court.

City of Hattiesburg - Hattiesburg Municipal Court

Assistant Public Defender

2017 – Present

Defense Attorney

Office of Forrest County Public Defender

Assistant Public Defender

2014 – 2016

Defense Attorney

Anderson - Orozco, PLLC

2013 – 2014

Immigration Attorney

Judicial Intern

Chancery Court, 10th District

June –August, 2010

Circuit Court, 15th District

June-July, 2011

Intern, District Attorney at 12th Judicial District

June-August, 2012

OTHER EXPERIENCE

Certified Real Estate Appraiser

2001- 2008

Mississippi Educator; Richton, Mississippi

1999-2001

United States Peace Corps; El Salvador

1997-1999

**RESOLUTION FOR APPOINTING MUNICIPAL PUBLIC DEFENDER
FOR THE CITY OF HATTIESBURG**

WHEREAS, the Council recognizes the need to appoint a Municipal Public Defender;
and

WHEREAS, the Council desires the administration of the City to continue to operate its routine functions.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF HATTIESBURG:

Section 1. That Benjamin Thornton be and is hereby appointed as Municipal Public Defender, effective October 1, 2017 until further ordered.

Section 2. That public interest and necessity requiring same, this Resolution shall become effective immediately from and after passage.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council member Dryden, seconded by Council member George, and was adopted by the following vote, to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

NAYS:

None

The President thereby declared the motion carried and the Resolution adopted, this the 22nd day of August, 2017.

(S E A L)

ATTEST:


CLERK OF COUNCIL

ADOPTED:

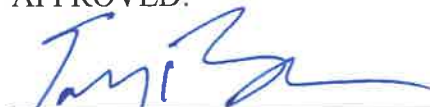

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 22nd Day of August, 2017.

ATTEST:


CITY CLERK

APPROVED:


MAYOR