

City of Hattiesburg, MS

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



Meeting Agenda

Tuesday, June 20, 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. 2017-486** Adopt an Ordinance for the petition filed by Paige Kennedy, Representative, Lynn Cartlidge, Owner, to change the zoning classification for a certain property located at 105 Mamie Street (Parcel 2-029N-09-002.00, PPIN 19470, Ward 4) from Section 4.5.3, R-1A (Single-family Residential) District to Section 4.5.4 R-1 B (Single Family Residential) District and Section 4.5.8 B-1 (Professional Business) District.

1. June HPC BOA Minutes (draft)
2. 105 Mamie Report - Zoning Change
3. 105 Mamie - Layout from Applicant
4. Ordinance - 105 Mamie

- V.2. 2017-487** Adopt an Ordinance for the petition filed by Sarah Newton, Representative, on behalf of David Ott, Owner, to change the zoning classification for a certain property located at 209 Buschman Street (Parcel 029I-10-218.00, PPIN 18556, Ward 4) from Section 4.5.10, B-3 (Community Business) District to Section 4.5.11 B-4 (Downtown) District.

1. June HPC BOA Minutes (draft)
2. 209 Buschman Report - Zoning Change
3. 209 Buschman - Petition
4. Ordinance - 209 Buschman

- V.3. 2017-498** Adopt a Resolution authorizing Requisition No. 70 from the Project Fund Construction Account in connection with a certain loan agreement, dated as of October 19, 2013, by and between the Mississippi Development Bank and the City of Hattiesburg.

1. 2013 Bond Resolution No. 70

- V.4. 2017-502** Adopt a Resolution authorizing Requisition No. 6 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.
1. 2016 Bond Resolution No. 6
- V.5. 2017-491** Adopt a Resolution authorizing Disbursement No. 16 from the Project Fund Escrow Account in connection with certain Equipment Lease/Purchase Agreement, dated as of February 4, 2016, by and between Banc of America Public Capital Corp. and City of Hattiesburg.
1. Energy Performance Disbursement No. 16
- V.6. 2017-496** Approve Final Estimate No. 3 and Final Payment to Land Shapers, Inc. in the amount of \$26,745.52 for construction services on the Access Road from Lincoln Road to City of Hattiesburg Water Tank Project. Approve final acceptance of said project; and Authorize publication of Final Settlement of said project.
1. Notice of Final Settlement
 2. Closing Documents
 3. Final Pay Application
- V.7. 2017-494** Approve and authorize Mayor to execute agreement between Natural Resources Conservation Service and the City of Hattiesburg for the construction costs at Campbell Loop, Old Bakery #2, River Street, and In Town Suites. City of Hattiesburg is obligated to contribute \$204,612.50 for these four projects.
1. Approved EWP Site Agreement
- V.8. 2017-499** Authorize payment to George Walters for a parcel of land in Forrest County as described in Deed (attached) for the Wastewater Plant Access Road. Approve and authorize issuance of manual check in the amount of \$6,900.00 to George Walters.
1. Warranty Deed
 2. Appraisal - Walters Property
 3. Appraisal - Oberlies Trust

- V.9. 2017-500** Authorize payment to Pine Belt Regional Solid Waste Management Authority for a parcel of land in Forrest County as described in Deed (attached) for the Wastewater Plant Access Road. Approve and authorize issuance of manual check in the amount of \$500.00 to Pine Belt Regional Solid Waste Management Authority.
1. Warranty Deed
- V.10. 2017-503** Authorize Mayor to execute contract between City of Hattiesburg and Bush Construction Company, Inc. in the amount of \$1,248,577.68 for the Fourth Street Roadway Improvements Project - Phase II (Federal Aid Project # HPP-7194-00(003) LPA/105845-801000).
1. Signed Specs
- V.11. 2017-505** Authorize Mayor to execute the 2017 Forrest County Comprehensive Emergency Management Plan.
1. Emerg. Mtg Plan/Support Annex
2. Emerg. Mtg Plan/Incident Annex
3. Emerg. Mtg Plan/Basic Plan
4. Emerg. Mtg Plan/Emerg. Support Function
- V.12. 2017-497** Authorize Mayor to enter into agreement between The City of Hattiesburg and The University of Southern Mississippi for Fire Protection and related services.
1. USM Fire Protection Agreement 2017
- V.13. 2017-495** Authorize Mayor to enter in agreement with ImageTrend to host the Fire Bridge Software.
1. Image Trend Fire Bridge Software
- V.14. 2017-506** Extend state of emergency for an additional 30 days to allow for the ongoing cleanup resulting from the tornado that occurred on January 21, 2017.

- V.15. 2017-508** Adopt a resolution to amend the City's Comprehensive Plan 2008-2028, Chapter – 7 Land Use and Development, Map 2. Future Land Use, changing 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”, filed by Tara Poole, President, HHNA. The Planning Commission recommended to APPROVE on June 7, 2017.
1. RES - Amend Comp Plan Future Land Use Map
 2. June HPC BOA Minutes (draft)
 3. Comp Plan Amendment Report - Future Land Use Map
 4. Comp Plan Amendment - Future Land Use Map - Petition Against Change
- V.16. 2017-509** Acknowledge receipt of request filed by Corey Arrington to appeal the Planning Commission's recommendation for the petition filed by Tara Poole, President, HHNA, Applicant, 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 June 7, 2017); Set a public hearing before City Council at 4:00 p.m. on July 17, 2017, and authorize publication of Public Notice setting an Appeal Public Hearing.
1. Comp Plan Appeal - Arrington - Filed
- V.17. 2017-510** Adopt a Resolution authorizing the President of the City Council to sign court papers on behalf of the City, when necessary, in connection with pending litigation in federal court regarding October 1, 2014, Amended Consent Judgment.
1. RES- Council President and Mayor, Sign Consent Judgment, 2017
- V.18. 2017-511** Acknowledge receipt of notice terminating the City's contract with BIS Digital for BoardSync software.
1. Email - Notice of Termination, 6-9-17
- V.19. 2017-512** Authorize Mayor to enter into an agreement with MCCi for Legistar agenda management software per information in attached memo and quote.
1. 06-20-Legistar Reinstatement

VI. ROUTINE AGENDA

- VI.1. 2017-481** Acknowledge receipt of the monthly budget report for the month ending May 31, 2017.
1. Revenue 5-31-17
 2. Expenditure 5/31/17
- VI.2. 2017-501** Acknowledge bids received on June 7, 2017, for the Hattiesburg Bobby L. Chain Municipal Airport Taxiway Extension (Airport Improvement Project No 3-28-0031-024-217) and accept bid from Warren Paving, Inc. in the amount of \$1,036,771.00 as the lowest and best bid.
1. Letter of Recommendation
 2. Bid Tabulation
 3. Bid Advertisement
- VI.3. 2017-507** Approve payment to Barnett Concrete Work, LLC, to settle threatened litigation for work on condemned property.
1. Letter, L. Barnett, 6-12-17
 2. Barnett Concrete Request for Payment for work at 720 East 7th Street
- VI.4. 2017-480** Approve the sale of Grave Spaces, per attached memos.
1. Memo's (06-20-17)
 2. Deeds (06-20-17)
 3. Receipts(06-20-17)
- VI.5. 2017-488** Approve and authorize issuance of manual check for HOME Program Claim per the attached memorandum. {Entitlement HOME}
1. Manual Check for Hollimon Construction - 106 Ruby Avenue
- VI.6. 2017-489** Approve and authorize issuance of manual check for HOME Program Claim per the attached memorandum. {Entitlement HOME}
1. Manual Check for Hollimon Construction - 401 Milton Barnes Avenue
- VI.7. 2017-482** Approve claims docket for the period ending June 16, 2017.
1. Claims Docket 06-16-17



City of Hattiesburg, MS

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

FILE NUMBER: 2017-486

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Zoning Change - 105 Mamie Street

Title: Adopt an Ordinance for the petition filed by Paige Kennedy, Representative, Lynn Cartlidge, Owner, to change the zoning classification for a certain property located at 105 Mamie Street (Parcel 2-029N-09-002.00, PPIN 19470, Ward 4) from Section 4.5.3, R-1A (Single-family Residential) District to Section 4.5.4 R-1 B (Single Family Residential) District and Section 4.5.8 B-1 (Professional Business) District.

Type: Ordinance

Drafter: Ginger Maddox

In Control: City Council

Reference:

Attachments: June HPC BOA Minutes (draft), 105 Mamie Report - Zoning Change, 105 Mamie - Layout from Applicant, Ordinance - 105 Mamie

File Created: 06/09/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File

**MINUTES OF THE
REGULAR MEETING OF THE
HATTIESBURG PLANNING COMMISSION AND BOARD OF ADJUSTMENTS
June 7, 2017**

The Hattiesburg Planning Commission and Board of Adjustments did meet in a regular session on June 7, 2017 at 1:00 p.m. at the Jackie Dole Community Center, 220 West Front Street, Hattiesburg, Mississippi. Dick Conville, Chairman, presided over the meeting. A quorum was indicated and the attendance was as follows:

Commissioners Present: Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Peggy Horton, Secretary
Judy Corts

Commissioners Absent: Mark Miller
Jessie Wilson
Sandra Thompson

Board Members Present: Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Peggy Horton, Secretary
Judy Corts

Board Members Absent: Mark Miller
Jessie Wilson

Also Present: Ginger Maddox, AICP, Planning Division Manager
Pattie Brantley, AICP, Director of Urban Development
Stephen Guthrie, Planner

Chairman Conville declared the meeting of the Hattiesburg Planning Commission and Board of Adjustments open and in session at 1:05 P.M.

INVOCATION

Chairman Conville held a moment of silence.

AGENDA REVIEW

There came the matter of the June 2017 Agenda. A request was made by Chairman Conville for a motion to approve the June 2017 Agenda. A motion was made to approve the June 2017 Agenda by Commissioner Hinton and seconded by Commissioner Horton.

Commissioners voting aye: Amy Hinton
Peggy Horton
Judy Corts

Commissioners voting nay: None

Commissioners abstaining: None

MINUTES REVIEW

There came the matter of the May 3, 2017, minutes. A request was made by Chairman

Conville for a motion to approve the May 3, 2017, minutes. A motion was made by Commissioner Corts to approve the minutes and seconded by Commissioner Hinton.

Commissioners voting aye: Amy Hinton
Peggy Horton
Judy Corts

Commissioners voting nay: None

Commissioners abstaining: None

REPORTS

BUILDING REPORT

There came the matter of the Building Report. There was none.

PLANNING REPORT

There came the matter of the Planning Report by Ginger Maddox, Planning Division Manager. At the May 16, 2017, City Council Meeting the following items were heard and action taken on: 54 East Yellowstone Dr, D.R. Horton, setback variance (approved); 3200 Arlington Loop, University Baptist Church, sign variance (approved).

CHAIRMAN’S REPORT

There came the matter of the Chairman’s Report. There was none.

PUBLIC HEARING

Chairman Conville declared the Public Hearing open at 1:15 P.M. and read the rules and procedures of the hearing.

There came the matter of Item A (Text Amendment), filed by Tara Poole, President, HHNA, To consider an application 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”.

	Name	Address	City/State
<u>Presented by:</u>	Tara Poole - Representative	604 Court St	Hattiesburg, MS
<u>Proponents:</u>	Seth Hunter - HHNA Attorney	508 Walnut St	Hattiesburg, MS
<u>Opponents:</u>	Denardo Williams Jerry Blue	932 W. 6 th St.	Hattiesburg, MS Hattiesburg, MS

Chairman Conville declared the Public Hearing closed and the Business Meeting open to vote on the request. Commissioner Hinton made a motion to approve the request for the text amendment to the City of Hattiesburg’s Comprehensive Plan 2008-2028. The motioned was seconded by Commissioner Corts.

Commissioners voting aye: Judy Corts
Amy Hinton

Commissioners voting nay: Peggy Horton

Commissioners abstaining: None

There came the matter of Item B (Rezone), filed by Paige Kennedy, Representative, on behalf of Lynn Cartlidge, Owner, as required in the Land Development Code, Ord. No. 3209, to request a zoning change to a certain property located at 105 Mamie Street (Parcel 2-029N-09-002.00, PPIN 19470, Ward 4) from Section 4.5.3, R-1A (Single-family Residential) District to Section 4.5.4 R-1 B (Single Family Residential) District and Section 4.5.8 B-1 (Professional Business) District.

	Name	Address	City/State
<u>Presented by:</u>	Paige Kennedy SMPDD, Representative	700 Hardy Street	Hattiesburg, MS
<u>Proponents:</u>	Mike Essary - Neel-Schaffer	704 Hardy Street	Hattiesburg, MS
<u>Opponents:</u>	None		

Chairman Conville declared the Public Hearing closed and the Business Meeting open to vote on the request. Commissioner Corts made a motion to approve the request for rezoning with the following criteria: there is a public need for the change in question, based on the comprehensive plan. The motion was seconded by Commissioner Horton.

Commissioners voting aye: Amy Hinton
Peggy Horton
Judy Corts

Commissioners voting nay: None

Commissioners abstaining: None

There came the matter of Item C (Rezone), filed by Sarah Newton, Representative, on behalf of David Ott, Owner, as required in the Land Development Code, Ord. No. 3209, to request a zoning change to a certain property located at 209 Buschman Street (Parcel 029I-10-218.00, PPIN 18556, Ward 4) from Section 4.5.10, B-3 (Community Business) District to Section 4.5.11 B-4 (Downtown) District.

	Name	Address	City/State
<u>Presented by:</u>	Sarah Newton - Representative	312 3 rd Avenue	Hattiesburg, MS
<u>Proponents:</u>	David Ott - Owner	310 S. 22 nd Avenue	Hattiesburg, MS
<u>Opponents:</u>	None		

Chairman Conville declared the Public Hearing closed and the Business Meeting open to vote on the request. Commissioner Horton made a motion to approve the request for rezoning with the following criteria: a material change in the circumstances and conditions of the neighborhood and area surrounding the petitioned property. The motion was seconded by Commissioner Hinton.

Commissioners voting aye: Amy Hinton
Peggy Horton
Judy Corts

Commissioners voting nay: None

Commissioners abstaining: None

There were no petitions submitted to the Board of Adjustments.

BUSINESS MEETING

There being no further business, the meeting was adjourned at 2:00 PM. Commissioner Hinton made a motion to adjourn the meeting. The motion was seconded at Commissioner Horton.

Dick Conville, Chairman

Ginger Maddox, AICP, CFM, Planning Division Manager

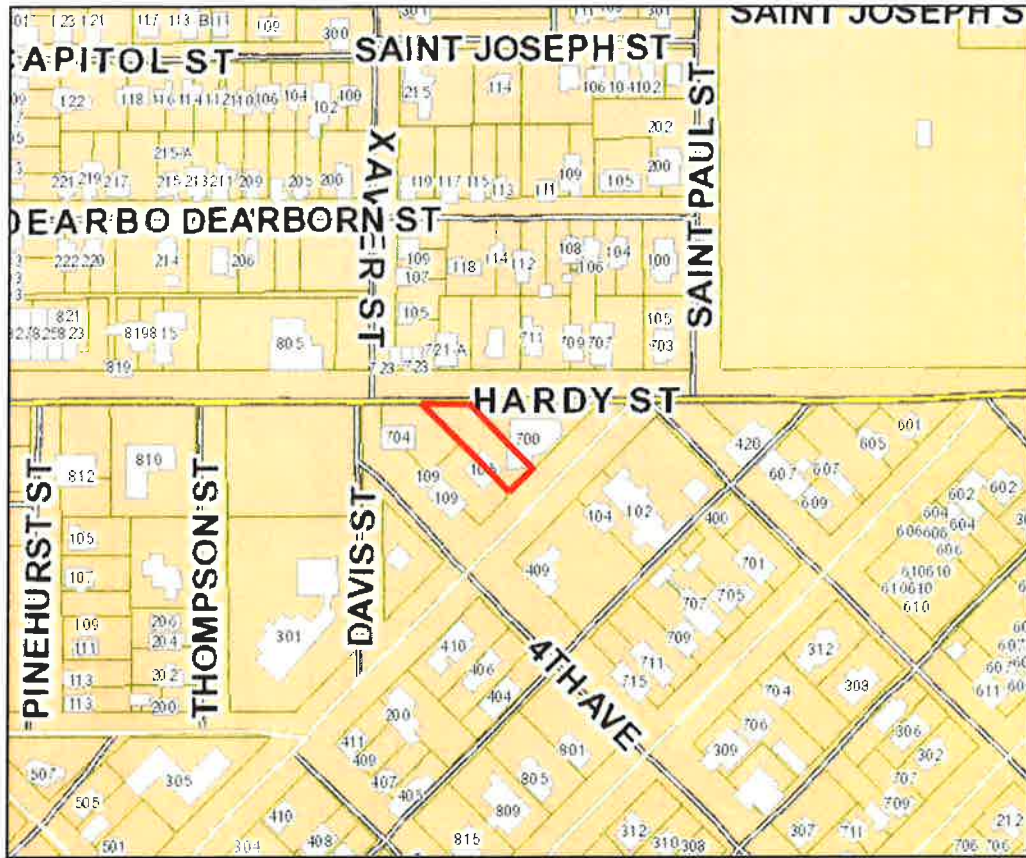
SUBJECT PARCEL: 105 Mamie Street

Paige Kennedy, Representative, Lynn Cartlidge, Owner

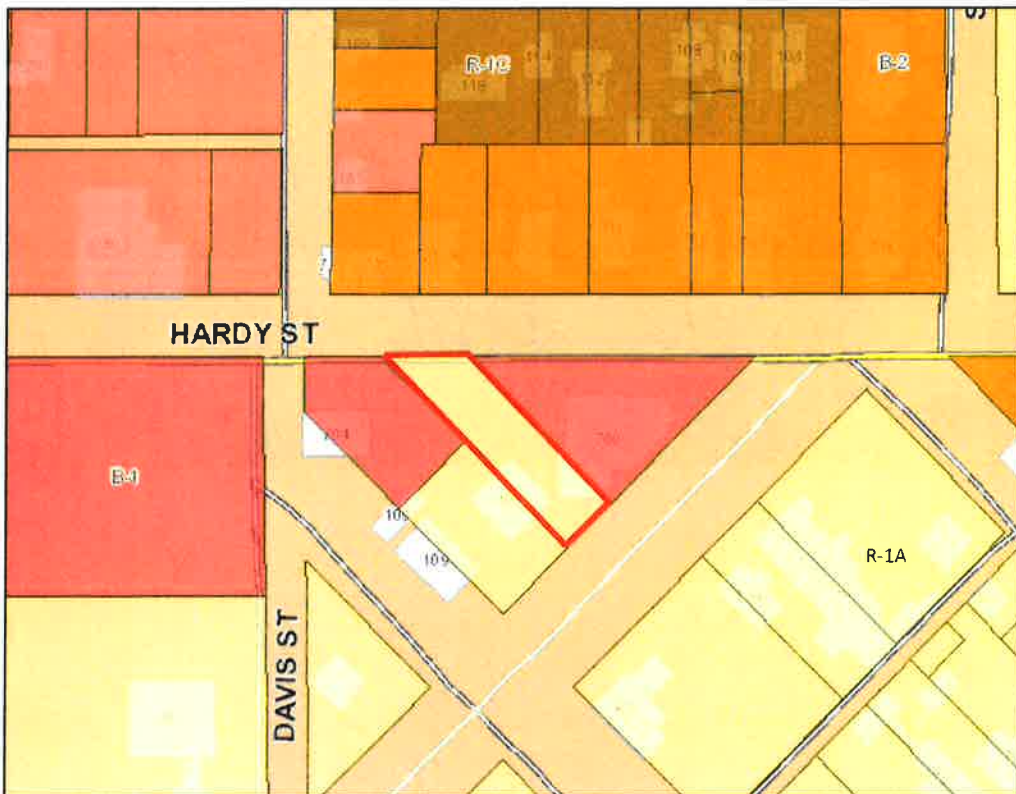
The applicant requests a zoning change to a certain property located at 105 Mamie Street (Parcel 2-029N-09-002.00, PPIN 19470, Ward 4) from Section 4.5.3, R-1A (Single-family Residential) District to Section 4.5.4 R-1 B (Single Family Residential) District and Section 4.5.8 B-1 (Professional Business) District.



Vicinity Map—Ward 4



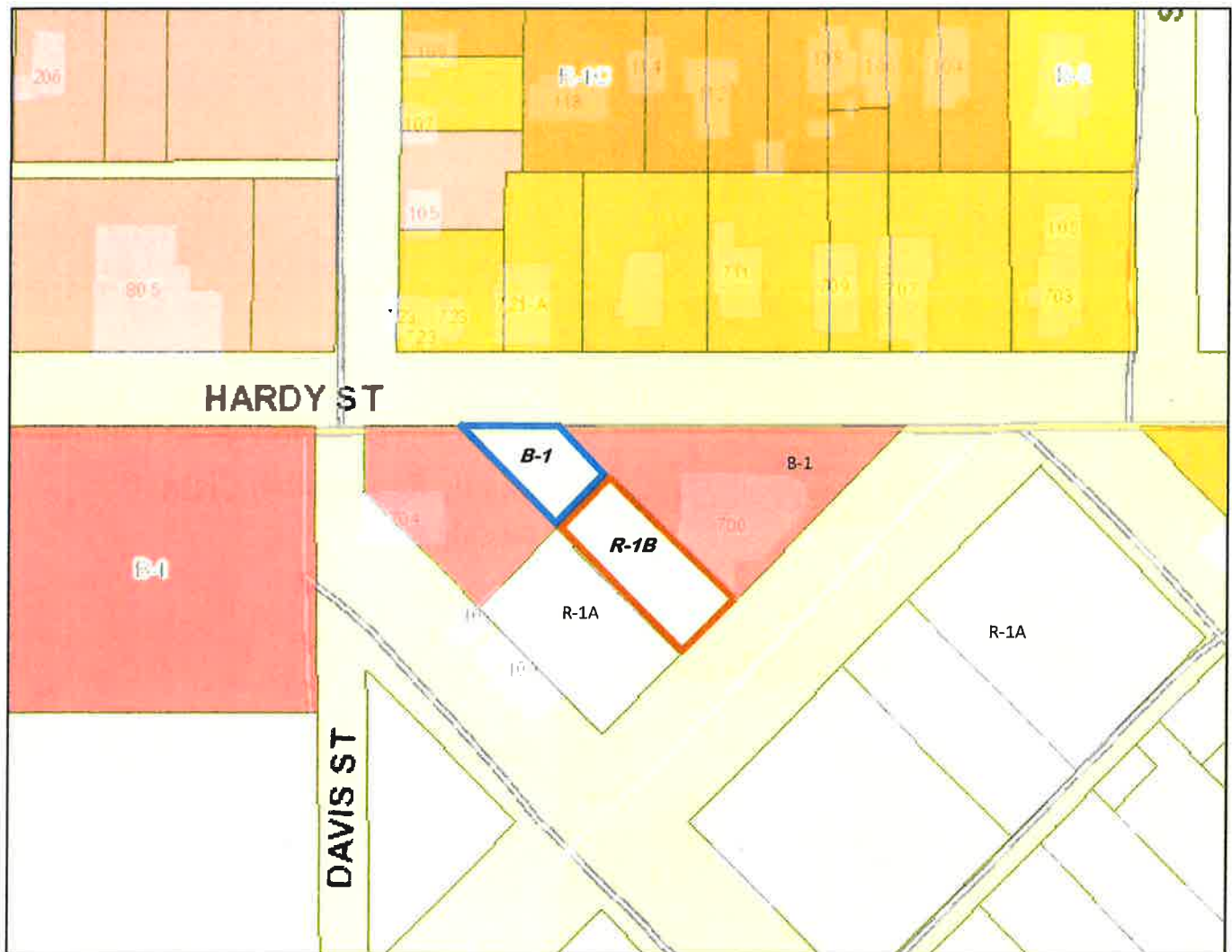
Zoning—R-1A



Site Aerial



Zoning Change



The area outlined in **blue** is proposed to be changed to B-1 and collapsed with the parcel to the immediate west.

The area outlined in **orange** is proposed to be changed to R-1B.

SURROUNDING AREA

**Northern Direction: B-2
(Neighborhood Business) District/
Commercial**



**Southern Direction: R-1A (Single-
Family Residential) District/
Residential**



**Eastern Direction: B-1 (Professional
Business) District/Office**

**Western Direction: B-1
(Professional Business) District/
Office**





**Planning Commission
Case Fact Sheet**

Property Applicant: Paige Kennedy, Representative
Property Owner: Lynn Cartlidge, SMPDD

Address of Properties:	Tax Parcels	PPIN:	Ward:
105 Mamie Street	029N-09-002.00	19470	4

Request: **Zoning Change**

Purpose of Request: To consider an application to request a **Zoning Change** for a certain property located at 105 Mamie Street from R-1A (Single-family Residential) to R-1B (Single-family Residential) and B-1 (Professional Business)

Applicant Summary: See Attached

Applicable Regulations:

SECTION 4 Zoning Districts Established

4.5.3 R-1A Residential District: The purpose of the R-1A District is to permit single-family residential used with related recreational, religious, and educational facilities. This district is consistent with the Neighborhood Conservation 1 and 2 districts in the Comprehensive Plan. This zoning district encouraged protected lower density residential neighborhoods with only compatible supporting institutional used and open space.

4.5.8 B-1 Professional Business: The purpose of this business district is to provide areas for professional and business offices and related activities that require separate buildings and building groups surrounded by landscaped yards and open areas. The intent is to provide compact locations for business offices, as well as suburban locations near residential neighborhoods.

Present Zoning:	This parcel is currently zoned R-1A (Single-Family Residential).
Present Use:	Residential
Surrounding Zoning and Land Use:	North: B-2 (Neighborhood Business) District/Office South: R-1A (Single-Family Residential) District/Residential East: B-1 (Professional Business) District/Office West: B-1 (Professional Business) District/Office
Most Nearly Bounded By (streets):	This parcel is accessible from the East by Mamie Street, bounded to the South and West by 4 th Avenue, and the North by Hardy Street.
Letters or Concerns stated:	The Planning Division Office has not received any letters or other written communications relative to this case as of May 15, 2017
History / Background:	This development is currently residential. The applicant is proposing to split the property. The portion of the parcel adjacent to Hardy Street is proposed to be rezoned to B-1. This portion will also be collapsed into the parcel to the West, PPIN 19472. The remaining portion of the parcel with the residential structure is proposed to be zoned to R-1B. R-1B minimum lot size is consistent with the size of the remaining portion of the residential parcel. Once the parcel is subdivided and collapsed, this rezoning will not result in a split zoned property.
Basis for Approval:	1. There (is / is not) a material change in the circumstances and conditions of the neighborhood and area surrounding the petitioned property. 2. There (is / is not) a public need for the change in question, based on the Comprehensive Plan.

HARDY STREET

3

EXISTING 12" OAK

NEEL-SCHAFER

704 HARDY STREET
EXISTING NEEL-SCHAFER OFFICE
2SB

ZONED B-1

PROPOSED PARKING
RE-ZONING
TO B-1
SPACES

700 HARDY STREET

VACANT

±0.128 AC

SUB-DIVIDE LINE
(PROPOSED)

SMPDD PROPERTY
PARCEL NO. 2-029N-09-001.00
ZONED B-1

SMPDD PROPERTY
PARCEL NO. 2-029N-09-002.00
ZONED M-A
(±0.319 ACRES)

PROPOSED
RE-ZONING
TO R1-B

EXISTING CONCRETE PARKING
EXIST. 17 SPACES

105 MAMIE STREET
EXISTING HOUSE
1SF
±0.183 AC
8,400 SF

SUBJECT PROPERTY
(700 HARDY STREET/105 MAMIE STREET)
KAMPER & WHINNERY EXTENSION
LOT 3
BLOCK 157

MARSHA TAYLOR
PARCEL NO. 2-029N-09-003.00
ZONE: RA-1

4TH AVENUE

MAMIE STREET



NOTICE TO DRAWING HOLDER
NEEL-SCHAFER, INC. HEREBY DISCLAIMS ALL WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR VERIFYING THE ACCURACY OF THE INFORMATION PROVIDED HEREON. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION FROM THE APPROPRIATE AGENCIES AND FOR HARVESTING THE EVIDENCE FROM ALL CLAIMS, DAMAGES, LOSSES, AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.

REV.	DATE	BY	REVISIONS
1			
2			
3			
4			
5			
6			
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9			
10			

DRAWING INFORMATION
PROJECT NO. 2-0-2000-00
DRAWN BY: [Name]
CHECKED BY: [Name]
DATE: [Date]
SCALE: [Scale]

NEEL-SCHAFER ADDITION / RENOVATION

NEEL-SCHAFER, INC.
704 HARDY STREET
HATTIESBURG, MISSISSIPPI

NEEL-SCHAFER
Solutions you can build upon

SMPDD PROPERTY

WORKING NUMBER: [Number]
DRAWING NUMBER: 1

RECEIVED
JUN 07 2017
BY: *[Signature]*

MAMIE STREET (100' ROW)

S44°41'55"W 60.06'

19.99' APS
0.00' APR

Sidewalk

Parcel 2
CPT ROW

Concrete Drive

1 Story Wood

Parcel 2
8.428 sqft
40.19 Acres

S45°23'39"E 140.63'

S45°14'30"E 140.88' APS
Southwesterly 141.07' APR

Marquand LLC
Dedication 10' 200' 000'

LOT 2

LOT 3

LOT 4

LOT 5

90.08' APS
90.00' APR

Parcel 1
CPT ROW

COURT YARD
2 Story Wood

Parcel 1
5.489 sqft
40.13 Acres
PARKING

S45°23'36"E 61.83'

N45°24'42"W 122.07'

2 Story Brick

HARDY STREET (60' ROW)

S89°50'52"E 36.06'

Sidewalk

Sidewalk

Sidewalk

Sidewalk

Sidewalk

Sidewalk

Sidewalk

Sidewalk

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Sidewalk

Prepared by: City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, MS 39403-1898
(601)545-4550

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City Clerk's Office
P.O. Box 1898
Hattiesburg, MS 39403
(601)545-4550

INDEXING INSTRUCTIONS:

ORDINANCE NUMBER _____
OF THE
CITY OF HATTIESBURG, MISSISSIPPI

**AN ORDINANCE CHANGING AND AMENDING THE
COMPREHENSIVE ZONING DISTRICT MAP, ADOPTED AS PART OF THE
COMPREHENSIVE ZONING ORDINANCE NO. 3209, AS AMENDED,
OF THE CITY OF HATTIESBURG, MISSISSIPPI
FOR A PORTION OF A CERTAIN PROPERTY LOCATED AT 105 MAMIE STREET
(PARCEL 2-029N-09-002.00, PPIN 19470, WARD 4) FROM SECTION 4.5.3, R-1A
(SINGLE-FAMILY RESIDENTIAL) DISTRICT TO SECTION 4.5.4 R-1 B (SINGLE
FAMILY RESIDENTIAL) DISTRICT AND SECTION 4.5.8 B-1 (PROFESSIONAL
BUSINESS) DISTRICT.**

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

SECTION 1. That the Comprehensive Zoning District Map, adopted as part of the Land Development Code, Ordinance No. 3209, of the City of Hattiesburg, Mississippi, be and the same is hereby changed and amended. The Hattiesburg Planning Commission recommended to APPROVE said change in zoning for the following reasons:

There is a public need for the change in question, based on the Comprehensive Plan.

Said properties are described as follows:

LEGAL DESCRIPTION: Portion 1 to be rezoned to Section 4.5.8 B-1
(Professional Business) District:

A parcel of land being part of Lot 3 and part of Lot 4 of Block 157, of the Kamper & Whinnery Extension to the City of Hattiesburg, Forrest County, Mississippi having bearings based upon Record North from said Kamper & Whinnery Extension plat and being more particularly described as follows:

Commence at the South Corner of Lot 5 of said Kamper & Whinnery Extension; thence run North 44 degrees 44 minutes 20 seconds East along the Northwesterly Right of Way of Mamie Street for 89.99 feet; thence run North 45 degrees 14 minutes 30 seconds West for 140.88 feet to and for the POINT OF BEGINNING; thence run North 45 degrees 24 minutes 42 seconds West for 122.07 feet to the South Right of Way of Hardy Street; thence run South 89 degrees 59 minutes 05 seconds East along the South Right of Way of Hardy Street for 85.08 feet to the North Corner of said Lot 3; thence run South 45 degrees 23 minutes 36 seconds East along the Northeasterly boundary of said Lot 3 for 61.83 feet to the Northwesterly Right of Way of Mamie Street; thence run South 44 degrees 56 minutes 15 seconds West along the Northwesterly Right of Way of Mamie Street for 59.69 feet back to the POINT OF BEGINNING. Said parcel contains 5,489 square feet or 0.13 acres, more or less.

LEGAL DESCRIPTION: Portion 2 to be rezoned to Section 4.5.4 R-1B (Single Family Residential) District:

A parcel of land being part of Lot 3 and part of Lot 4 of Block 157, of the Kamper & Whinnery Extension to the City of Hattiesburg, Forrest County, Mississippi having bearings based upon Record North from said Kamper & Whinnery Extension plat and being more particularly described as follows:

Commence at the South Corner of Lot 5 of said Kamper & Whinnery Extension; thence run North 44 degrees 44 minutes 20 seconds East along the Northwesterly Right of Way of Mamie Street for 89.99 feet to and for the POINT OF BEGINNING; thence run North 45 degrees 14 minutes 30 seconds West for 140.88 feet; thence run North 44 degrees 56 minutes 15 seconds East for 59.69 feet to the Northeasterly boundary of said Lot 3; thence run South 45 degrees 23 minutes 39 seconds East along the Northeasterly boundary of said Lot 3 for 140.63 feet to the Northwesterly Right of Way of Mamie Street; thence run South 44 degrees 41 minutes 55 seconds West along the Northwesterly Right of Way of Mamie Street for 60.06 feet back to the POINT OF BEGINNING. Said parcel contains 8,428 square feet or 0.19 acres, more or less.

SECTION 2. Except as hereby expressly changed and amended, the aforesaid Comprehensive Zoning District Map and the Land Development Code Ordinance No. 3209, of said City of Hattiesburg, Mississippi, shall be and remain in full force and form as adopted.

SECTION 3. That this Ordinance take effect and be in force thirty (30) days from and after passage as provided by law.

The foregoing Ordinance having been reduced to writing, the same 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 foregoing Ordinance adopted and approved, this the_____day of_____ A.D., 2017.

(S E A L)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

THE above and foregoing Ordinance having been submitted to and approved by the Mayor, this the_____day of_____ A.D., 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR



City of Hattiesburg, MS

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

FILE NUMBER: 2017-487

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Adopt an Ordinance for the petition filed by Sarah

Title: Adopt an Ordinance for the petition filed by Sarah Newton, Representative, on behalf of David Ott, Owner, to change the zoning classification for a certain property located at 209 Buschman Street (Parcel 029I-10-218.00, PPIN 18556, Ward 4) from Section 4.5.10, B-3 (Community Business) District to Section 4.5.11 B-4 (Downtown) District.

Type: Ordinance

Drafter: Ginger Maddox

In Control: City Council

Reference:

Attachments: June HPC BOA Minutes (draft), 209 Buschman Report
- Zoning Change, 209 Buschman - Petition, Ordinance - 209
Buschman

File Created: 06/09/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File

**MINUTES OF THE
REGULAR MEETING OF THE
HATTIESBURG PLANNING COMMISSION AND BOARD OF ADJUSTMENTS
June 7, 2017**

The Hattiesburg Planning Commission and Board of Adjustments did meet in a regular session on June 7, 2017 at 1:00 p.m. at the Jackie Dole Community Center, 220 West Front Street, Hattiesburg, Mississippi. Dick Conville, Chairman, presided over the meeting. A quorum was indicated and the attendance was as follows:

Commissioners Present: Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Peggy Horton, Secretary
Judy Corts

Commissioners Absent: Mark Miller
Jessie Wilson
Sandra Thompson

Board Members Present: Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Peggy Horton, Secretary
Judy Corts

Board Members Absent: Mark Miller
Jessie Wilson

Also Present: Ginger Maddox, AICP, Planning Division Manager
Pattie Brantley, AICP, Director of Urban Development
Stephen Guthrie, Planner

Chairman Conville declared the meeting of the Hattiesburg Planning Commission and Board of Adjustments open and in session at 1:05 P.M.

INVOCATION

Chairman Conville held a moment of silence.

AGENDA REVIEW

There came the matter of the June 2017 Agenda. A request was made by Chairman Conville for a motion to approve the June 2017 Agenda. A motion was made to approve the June 2017 Agenda by Commissioner Hinton and seconded by Commissioner Horton.

Commissioners voting aye: Amy Hinton
Peggy Horton
Judy Corts

Commissioners voting nay: None

Commissioners abstaining: None

MINUTES REVIEW

There came the matter of the May 3, 2017, minutes. A request was made by Chairman

Conville for a motion to approve the May 3, 2017, minutes. A motion was made by Commissioner Corts to approve the minutes and seconded by Commissioner Hinton.

Commissioners voting aye: Amy Hinton
Peggy Horton
Judy Corts

Commissioners voting nay: None

Commissioners abstaining: None

REPORTS

BUILDING REPORT

There came the matter of the Building Report. There was none.

PLANNING REPORT

There came the matter of the Planning Report by Ginger Maddox, Planning Division Manager. At the May 16, 2017, City Council Meeting the following items were heard and action taken on: 54 East Yellowstone Dr, D.R. Horton, setback variance (approved); 3200 Arlington Loop, University Baptist Church, sign variance (approved).

CHAIRMAN’S REPORT

There came the matter of the Chairman’s Report. There was none.

PUBLIC HEARING

Chairman Conville declared the Public Hearing open at 1:15 P.M. and read the rules and procedures of the hearing.

There came the matter of Item A (Text Amendment), filed by Tara Poole, President, HHNA, To consider an application 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”.

	Name	Address	City/State
<u>Presented by:</u>	Tara Poole - Representative	604 Court St	Hattiesburg, MS
<u>Proponents:</u>	Seth Hunter - HHNA Attorney	508 Walnut St	Hattiesburg, MS
<u>Opponents:</u>	Denardo Williams Jerry Blue	932 W. 6 th St.	Hattiesburg, MS Hattiesburg, MS

Chairman Conville declared the Public Hearing closed and the Business Meeting open to vote on the request. Commissioner Hinton made a motion to approve the request for the text amendment to the City of Hattiesburg’s Comprehensive Plan 2008-2028. The motioned was seconded by Commissioner Corts.

Commissioners voting aye: Judy Corts
Amy Hinton

Commissioners voting nay: Peggy Horton

Commissioners abstaining: None

There came the matter of Item B (Rezone), filed by Paige Kennedy, Representative, on behalf of Lynn Cartlidge, Owner, as required in the Land Development Code, Ord. No. 3209, to request a zoning change to a certain property located at 105 Mamie Street (Parcel 2-029N-09-002.00, PPIN 19470, Ward 4) from Section 4.5.3, R-1A (Single-family Residential) District to Section 4.5.4 R-1 B (Single Family Residential) District and Section 4.5.8 B-1 (Professional Business) District.

	Name	Address	City/State
<u>Presented by:</u>	Paige Kennedy SMPDD, Representative	700 Hardy Street	Hattiesburg, MS
<u>Proponents:</u>	Mike Essary - Neel-Schaffer	704 Hardy Street	Hattiesburg, MS
<u>Opponents:</u>	None		

Chairman Conville declared the Public Hearing closed and the Business Meeting open to vote on the request. Commissioner Corts made a motion to approve the request for rezoning with the following criteria: there is a public need for the change in question, based on the comprehensive plan. The motion was seconded by Commissioner Horton.

Commissioners voting aye: Amy Hinton
Peggy Horton
Judy Corts

Commissioners voting nay: None

Commissioners abstaining: None

There came the matter of Item C (Rezone), filed by Sarah Newton, Representative, on behalf of David Ott, Owner, as required in the Land Development Code, Ord. No. 3209, to request a zoning change to a certain property located at 209 Buschman Street (Parcel 029I-10-218.00, PPIN 18556, Ward 4) from Section 4.5.10, B-3 (Community Business) District to Section 4.5.11 B-4 (Downtown) District.

	Name	Address	City/State
<u>Presented by:</u>	Sarah Newton - Representative	312 3 rd Avenue	Hattiesburg, MS
<u>Proponents:</u>	David Ott - Owner	310 S. 22 nd Avenue	Hattiesburg, MS
<u>Opponents:</u>	None		

Chairman Conville declared the Public Hearing closed and the Business Meeting open to vote on the request. Commissioner Horton made a motion to approve the request for rezoning with the following criteria: a material change in the circumstances and conditions of the neighborhood and area surrounding the petitioned property. The motion was seconded by Commissioner Hinton.

Commissioners voting aye: Amy Hinton
Peggy Horton
Judy Corts

Commissioners voting nay: None

Commissioners abstaining: None

There were no petitions submitted to the Board of Adjustments.

BUSINESS MEETING

There being no further business, the meeting was adjourned at 2:00 PM. Commissioner Hinton made a motion to adjourn the meeting. The motion was seconded at Commissioner Horton.

Dick Conville, Chairman

Ginger Maddox, AICP, CFM, Planning Division Manager

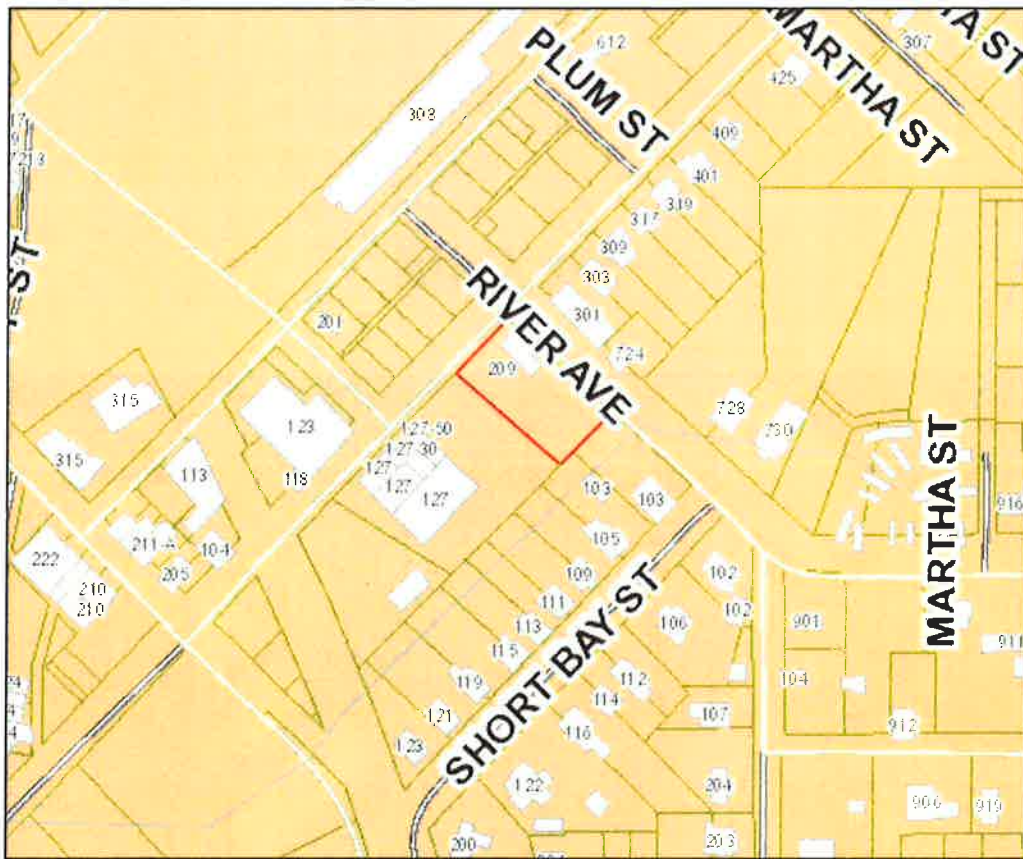
SUBJECT PARCEL: 209 Buschman Street

Sarah Newton, Representative, David Ott, Owner

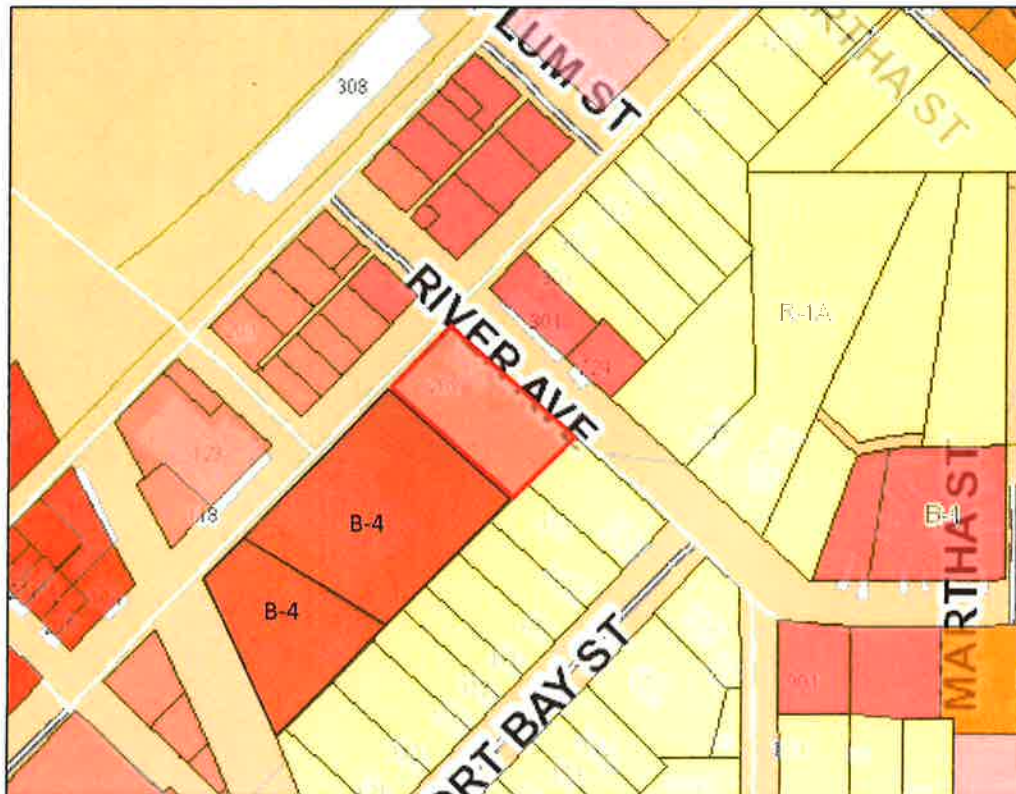
The applicant requests to change the zoning classification for a certain property located at 209 Buschman Street (Parcel 029I-10-218.00, PPIN 18556, Ward 4) from Section 4.5.10, B-3 (Community Business) District to Section 4.5.11 B-4 (Downtown) District.



Vicinity Map—Ward 4



Zoning—B-3



Site Aerial



SURROUNDING AREA

**Northern Direction: B-4 Downtown
Business and B-3 Community
Business**



**Southern Direction: R-1A Single
Family Residential**



**Eastern Direction: B-1 Professional
Business**



**Western Direction: B-4 Downtown
Business**





**Planning Commission
Case Fact Sheet**

Property Applicant: Sarah Newton, Representative
Property Owner: David Ott, Owner

Address of Properties: 209 Buschman
Tax Parcels: 029I-10-218.00
PPIN: 18556
Ward: 4

Request: **Zoning Change**

Purpose of Request: To consider an application to request a **Zoning Change** from B-3 (Community Business) to B-4 (Downtown Business).

Applicant Summary: See Attached

Applicable Regulations:

SECTION 4 Zoning Districts Established

4.5.10 B-3 Community Business District. The purpose of the B-3 District is to provide for retail, personal service, and offices in locations with convenient access to the community consistent with comprehensive planning policies. This district is consistent with the Community Business District in the Comprehensive Plan.

4.5.11 B-4 Downtown District: The Downtown Business District is intended to promote the concentration and vitality of commercial and business uses in the historic central business area of the City and as such, encourages a mixture of complementary uses with a pedestrian orientation. This district is characterized by wall-to-wall and lot-to-lot line development, pedestrian walkways, a vertical mix of uses, upper floor residential uses, and off-street public parking lots.

Present Zoning: This parcel is currently zoned B-3 (Community Business District).

Present Use: Storage

Surrounding Zoning and Land Use:
North: B-3 (Community Business) District/Parking
South: R-1A (Single-Family Residential) District/Residential
East: R-1A (Single-Family Residential) District/Residential
B-3 (Community Business) District/Office
West: B-3 (Community Business) Mixed Use/Commercial

Most Nearly Bounded By (streets): This parcel is accessible from the North by River Avenue, East by Buschman Street and the West by Short Bay Street.

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of May 23, 2017

History / Background: Adjacent lots, PPINs 18557 and 18568, were rezoned from B-3, Commercial Business to B-4, Downtown Business on January 22, 2008. B-4 Development on this lot would be consistent with nearby commercial developments

Basis for Approval:

1. There **(is / is not)** a material change in the circumstances and conditions of the neighborhood and area surrounding the petitioned property.
2. There **(is / is not)** a public need for the change in question, based on the Comprehensive Plan.

Rezoning Information (1 page)

One of the following conditions must be met before a rezoning can be recommended.
Check the condition(s) most applicable to your request and explain in writing.

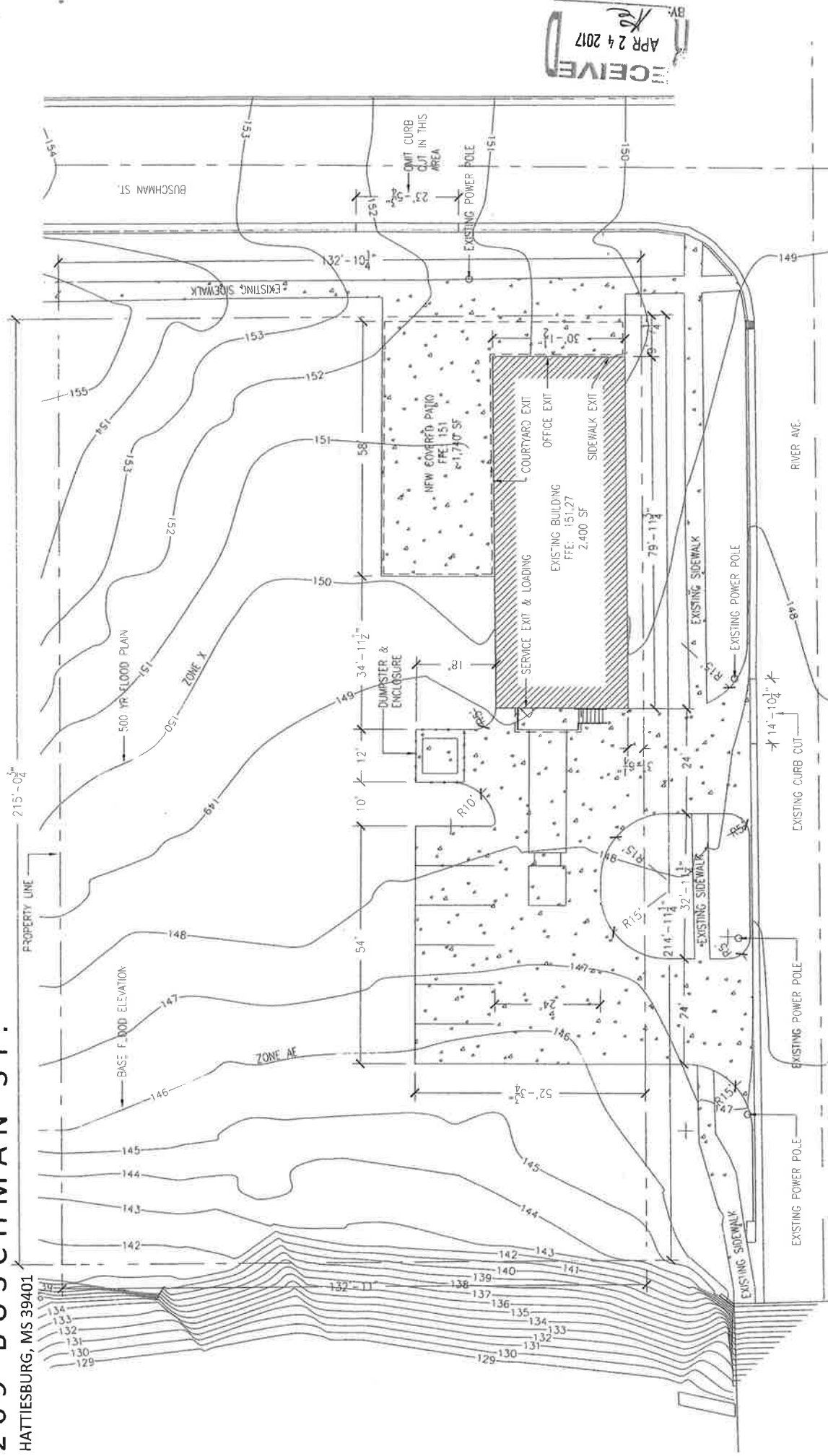
- ☒ A. There is a material change in the circumstances and conditions of the neighborhood and area surrounding the petitioned property and there is a public need for the change in question, based on the Comprehensive Plan.
- ☐ B. There is a mistake in the original zoning.
- ☐ C. Annexation

Detailed explanation of condition(s) most applicable to your request: (Please print or type.)

PROPERTY OWNER IS PLANNING TO REDEVELOP AN EXISTING 2,400 SF STRUCTURE INTO A RESTAURANT, GROCERY STORE OR SIMILAR USE. THE PROPERTY IS LOCATED IN THE DOWNTOWN AREA AND IS DIRECTLY ADJACENT TO ANOTHER PROPERTY THAT HAS BEEN RE-ZONED B-4 IN RECENT YEARS. B-4 ZONING WILL ALLOW THE PROPERTY OWNER OF 209 BUSCHMAN TO UTILIZE PUBLIC PARKING LOCATED ACROSS THE STREET AND PRESERVE THE REMAINING LAND ON SITE FOR FUTURE CONSTRUCTION OF MIXED-USE DEVELOPMENT COMPATIBLE WITH B-4 ZONING, THE NEIGHBORING BUILDING, AND DOWNTOWN IN GENERAL.

209 BUSCHMAN ST.

HATTIESBURG, MS 39401



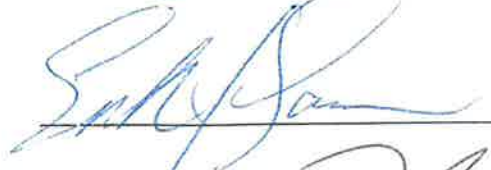
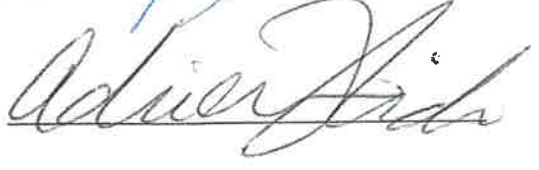
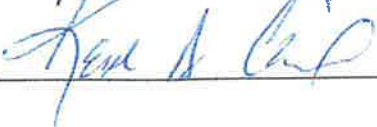
1 SITE PLAN / SCALE=1:20

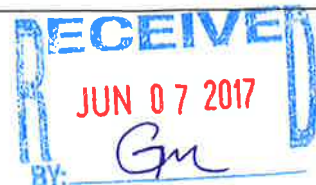
DRAWING PREPARED BY:
SARAH NEWTON ARCHITECT PLLC
PO BOX 2016, HATTIESBURG, MS 39408
sarah@saahnewtonarchitect.com
4/20/2017

RECEIVED
APR 24 2017
BY: [Signature]

REZONING OF 209 BUSHMAN STREET

I am a property owner adjacent to or near 209 Bushman Street, Hattiesburg, Mississippi and have been made aware of the request by the owner to rezone that property from B-3 to B-4 which would allow the downtown zoning to extend the rest of the way down Bushman Street past the Bakery Building to the corner of River Avenue. I have no opposition to this request which would allow this extension of downtown zoning for this property.

NAME (PRINT)	ADDRESS AND CONTACT	SIGNATURE
1. Rodney Richardson	127 Bushman St. 601 544 7273	
2. ERIK T EAVES	113 NEWMAN ST. HATTIESBURG, MS 39401	
3. Adrienne Hicks	127 Bushman St 601.543.8028	
4. Fran Dufour	113 Short Bay St 205-223-6804	
5. 	123 Newman St. 601-582-1255	
6. Keith A Casco	215 Main St 504-232-0988	
7. _____	_____	_____
8. _____	_____	_____



Prepared by: City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, MS 39403-1898
(601)545-4550

Return to: City of Hattiesburg
City Clerk's Office
P.O. Box 1898
Hattiesburg, MS 39403
(601)545-4550

INDEXING INSTRUCTIONS:

ORDINANCE NUMBER _____
OF THE
CITY OF HATTIESBURG, MISSISSIPPI

**AN ORDINANCE CHANGING AND AMENDING THE
COMPREHENSIVE ZONING DISTRICT MAP, ADOPTED AS PART OF THE
COMPREHENSIVE ZONING ORDINANCE NO. 3209, AS AMENDED,
OF THE CITY OF HATTIESBURG, MISSISSIPPI
FOR A CERTAIN PROPERTY LOCATED AT 209 BUSCHMAN STREET (PARCEL
029I-10-218.00, PPIN 18556, WARD 4) FROM SECTION 4.5.10, B-3 (COMMUNITY
BUSINESS) DISTRICT TO SECTION 4.5.11 B-4 (DOWNTOWN) DISTRICT.**

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

SECTION 1. That the Comprehensive Zoning District Map, adopted as part of the Land Development Code, Ordinance No. 3209, of the City of Hattiesburg, Mississippi, be and the same is hereby changed and amended. The Hattiesburg Planning Commission recommended to APPROVE said change in zoning for the following reasons:

There is a material change in the circumstances and conditions of the neighborhood and area surrounding the petitioned property.

Said properties are described as follows:

One hundred and thirty three (133) feet off the Northeast side of Lot 2, Block 62 of the Kamper & Whinnery Subdivision in 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, and more particularly described as follows, to-wit: Beginning at the most Northerly or Northeast corner of Block 62 in said Survey, said Point of Beginning being the corner of Buschman Street and River Avenue, formerly called George Street, and run thence in a Southwesterly direction along Buschman Street and along the boundary line of Bock 62 a distance of 133 feet; thence run

in a Southeasterly direction across Lot 2 in said Block 62 and parallel with River Avenue, formerly called George Street, a distance of 250 feet to the lot line of Lot 1 in said Block 62; run thence Northeasterly along the dividing line of Lots 1 and 2 in Block 62 a distance of 133 feet to River Avenue, formerly called George Street; run thence in a Northwesterly direction and along River Avenue, formerly called George Street, a distance of 250 feet to the Point of Beginning; said parcel of land having a frontage of 133 feet on Buschman Street and having a frontage of 250 feet on River Avenue in the City of Hattiesburg, Forrest County, Mississippi; all together with all improvements thereon and appurtenances thereunto belonging.

SECTION 2. Except as hereby expressly changed and amended, the aforesaid Comprehensive Zoning District Map and the Land Development Code Ordinance No. 3209, of said City of Hattiesburg, Mississippi, shall be and remain in full force and form as adopted.

SECTION 3. That this Ordinance take effect and be in force thirty (30) days from and after passage as provided by law.

The foregoing Ordinance having been reduced to writing, the same 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 foregoing Ordinance adopted and approved, this the _____ day of _____ A.D., 2017.

(S E A L)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

THE above and foregoing Ordinance having been submitted to and approved by the Mayor, this the _____ day of _____ A.D., 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR



City of Hattiesburg, MS

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

FILE NUMBER: 2017-498

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Adopt a Resolution authorizing Requisition No. 70

Title: Adopt a Resolution authorizing Requisition No. 70 from the Project Fund Construction Account in connection with a certain loan agreement, dated as of October 19, 2013, by and between the Mississippi Development Bank and the City of Hattiesburg.

Type: Resolution

Drafter: LaTasha McDaniel,
Engineering

In Control: City Council

Reference: Lamar Rutland

Attachments: 2013 Bond Resolution No. 70

File Created: 06/13/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File

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. 70 from the Project Fund Construction Account in connection with the loan agreement between the Mississippi Development Bank and the City dated December 19, 2013. 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. 70 FROM THE PROJECT FUND CONSTRUCTION ACCOUNT IN CONNECTION WITH THAT CERTAIN LOAN AGREEMENT, DATED AS OF DECEMBER 19, 2013, BY AND BETWEEN THE MISSISSIPPI DEVELOPMENT BANK AND THE CITY.

Whereas, on December 19, 2013 the City entered into a loan with the Mississippi Development Bank in an amount not to exceed \$28,000,000 (the "Loan") pursuant to the terms and conditions of that certain loan agreement, dated as of December 19, 2013, 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. 70 from the Project Fund Construction Account under the Loan in the total aggregate amount of \$ 119,934.17 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. 70 from the Project Fund Construction Account under the Loan in the total aggregate amount of **One Hundred Nineteen Thousand Nine Hundred Thirty-Four and 17/100 Dollars (\$119,934.17)** 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 Hancock Bank, as Trustee to disburse funds of Requisition No. 70 in the total aggregate amount of **One Hundred Nineteen Thousand Nine Hundred Thirty-Four and 17/100 Dollars (\$119,934.17)** 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 20th day of June, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 20th day of June, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

EXHIBIT A

PROJECT FUND CONSTRUCTION ACCOUNT REQUISITION

EXHIBIT A

PROJECT FUND CONSTRUCTION ACCOUNT REQUISITION

RE: \$28,000,000.00 Mississippi Development Bank Special Obligation Bonds, Series 2013 (Hattiesburg, Mississippi Combined Water and Sewer System Refunding and Construction Project) (the "Bonds") secured by \$28,000,000.00 Promissory Note (Hattiesburg, Mississippi Combined Water and Sewer System Refunding and Construction Project) (the "Note").

TO: Hancock Bank
 The Quarter Specialty Center
 1855 Lakeland Drive, Suite Q-230
 Jackson, Mississippi 39216
 ATTN: Trust and Financial Services Group

REQUISITION NO.: 70

DATE OF REQUISITION: 6/20/2017

Item #	Payee Name & Address	Budget Line Item	Payment Amount	Invoice #	Purpose of Payment
1	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	105695.6015	\$ 1,807.50	19650	Water Phase V- I 59 Crossing etal Period: April 23, 2017 to May 20, 2017 MB 2011-4/89-110 SDW Project# 1273-W013
2	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	105695.7245.52	\$ 470.00	19652	Water Phase III - Mobile & Bouie Period: April 23, 2017 to May 20, 2017 MB: 2011-4/89-110 SDW # 1273-W008
3	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	105695.7245.51	\$ 3,927.32	19653	Water Ph II - Palmers Crossing Period: April 23, 2017 to May 20, 2017 MB 2011-4/89-110 SDW #1273-W007
4	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	105695.7245.11	\$ 725.00	19651	Water Line Ext on Old 98 and Runnels Period: April 23, 2017 to May 20, 2017 MB: 2011-4/89-110 SDW #1273-W011
5	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	105695.7220.51	\$ 11,710.00	19647	Water Ph IV - Misc. Period: April 23, 2017 to May 20, 2017 MB 2011-4/89-110 SDW #1273-W009

EXHIBIT A

Item #	Payee Name & Address	Budget Line Item	Payment Amount	Invoice #	Purpose of Payment
6	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	105695.7245.09	\$ 3,177.50	19673	Wesley WTP Well Period: April 23, 2017 to May 20, 2017 MB 2011-4/89-110 SDW #1273-W006
7	Thompson Brothers Drilling 5410 US Hwy 11 North Ellisville, MS 39437	105695.7245.09	\$ 98,116.85	Pay Est. 5	1500 GPM Water Well No. 2 Period: May 01, 2017 to May 31, 2017 MB: 2016-321

\$ 119,934.17



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

May 25, 2017
Project No: 1273-W013
Invoice No: 19650

Project Manager Kyle Wallace

Project 1273-W013 COMSWIP WATER PH V - I-59 Crossing etal

Professional Services from April 23, 2017 to May 20, 2017

Professional Personnel

	Hours	Rate	Amount	
AUTO CAD TECHNICIAN				
Sullivan, Richard	1.50	85.00	127.50	
AUTO CAD TECHNICIAN				
Trahan, Beau	8.00	85.00	680.00	
GRADUATE ENGINEER				
Riley, Ivy	7.00	100.00	700.00	
PROJECT ENGINEER				
Wallace, Kyle	2.00	150.00	300.00	
Totals	18.50		1,807.50	
Total Labor				1,807.50
		Total this Invoice		\$1,807.50

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

May 25, 2017
Project No: 1273-W008
Invoice No: 19652

Project Manager Kyle Wallace
Project 1273-W008 ComSWIP Water Phase III - Mobile & Bouie
Professional Services from April 23, 2017 to May 20, 2017

Phase CM Mobile & Bouie - Construction Phase Svc

Professional Personnel

	Hours	Rate	Amount	
CONSTRUCTION OBSERVER				
Jackson, Terry	2.00	85.00	170.00	
PROJECT ENGINEER				
Sellers, Bennie	2.00	150.00	300.00	
Totals	4.00		470.00	
Total Labor				470.00
		Total this Phase		\$470.00
		Total this Invoice		\$470.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

105695.7245.52
2011-4/89-110

2013 Bond



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

May 25, 2017
Project No: 1273-W007
Invoice No: 19653

Project Manager Kyle Wallace
Project 1273-W007 ComSWIP Water Phase II - Palmers Crossing

Professional Services from April 23, 2017 to May 20, 2017

Phase DD Palmer's Crossing - Design Phase

Professional Personnel

	Hours	Rate	Amount
AUTO CAD TECHNICIAN			
Sullivan, Richard	9.50	85.00	807.50
AUTO CAD TECHNICIAN			
Trahan, Beau	16.50	85.00	1,402.50
PROJECT ENGINEER			
Sellers, Bennie	5.00	150.00	750.00
Wallace, Kyle	6.00	150.00	900.00
Totals	37.00		3,860.00
Total Labor			3,860.00

Reimbursable Expenses

Hattiesburg American			67.32
Total Reimbursables	1.0 times	67.32	67.32
Total this Phase			\$3,927.32
Total this Invoice			\$3,927.32

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

105695.7245.51
2011-4/89-110

LR



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

May 25, 2017
Project No: 1273-W011
Invoice No: 19651

Project Manager Kyle Wallace

Project 1273-W011 Water Line Ext on Old 98 and Runnels

Professional Services from April 23, 2017 to May 20, 2017

Professional Personnel

	Hours	Rate	Amount	
CONSTRUCTION OBSERVER				
Jackson, Terry	5.00	85.00	425.00	
PROJECT ENGINEER				
Wallace, Kyle	2.00	150.00	300.00	
Totals	7.00		725.00	
Total Labor				725.00
		Total this Invoice		\$725.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

May 25, 2017
Project No: 1273-W009
Invoice No: 19647

Project Manager Kyle Wallace
Project 1273-W009 ComSWIP Water - Phase IV - Misc.

Professional Services from April 23, 2017 to May 20, 2017

Phase	CM	Water Phase IV - Construction Phase Svcs		
Professional Personnel				
		Hours	Rate	Amount
CONSTRUCTION OBSERVER				
Jackson, Terry		81.00	85.00	6,885.00
GRADUATE ENGINEER				
Riley, Ivy		1.50	100.00	150.00
CONSTRUCTION OBSERVER				
Riley, Ivy		2.50	100.00	250.00
PROJECT ENGINEER				
Sellers, Bennie		26.50	150.00	3,975.00
Wallace, Kyle		3.00	150.00	450.00
	Totals	114.50		11,710.00
	Total Labor			11,710.00
			Total this Phase	\$11,710.00
			Total this Invoice	\$11,710.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

105695.7220.51
2011-4/89-110

LR



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

May 25, 2017
Project No: 1273-W006
Invoice No: 19673

Project Manager John Weeks
Project 1273-W006 Wesley WTP Well
Professional Services from April 23, 2017 to May 20, 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	31.00	85.00	2,635.00
GRADUATE ENGINEER			
Riley, Ivy	2.00	105.00	210.00
RESIDENT PROJECT REPRESENTATIVE			
Riley, Ivy	1.50	105.00	157.50
PROJECT ENGINEER			
Weeks, John	1.00	175.00	175.00
Totals	35.50		3,177.50
Total Labor			3,177.50
Total this Phase			\$3,177.50
Total this Invoice			\$3,177.50

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

105695.7245.09

2011-4/89-110

2R

SHOWS, DEARMAN & WAITS, INC. - CONSULTING ENGINEERS -

Date: 06-11-2017

Project: 1500 GPM Wesley Well No. 2

Contractor: Thompson Brothers Drilling, Inc.

Pay Estimate No.: Five (5)

Pay Period: May 1, 2017 - May 31, 2017

Item No.	Item Description	Total Quantities			Unit	Unit Price	Amount
		On Cont.	Allowed This Period	Allowed To Date			
		Qty.					

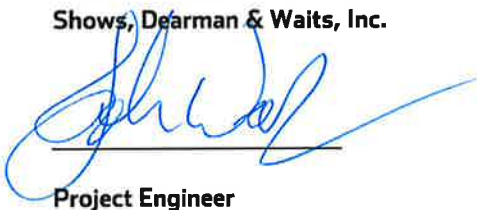
CONTRACT TOTAL: \$ 459,000.00

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	0.8	0.8	L.S.	\$195,383.00	\$ 156,306.40
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			L.F.	\$15.40	\$ -
6	ELECTRICAL WORK	1	0.50	0.5	L.S.	\$26,950.00	\$ 13,475.00
7	WELL CONTROLS	1	1	1	L.S.	\$30,951.00	\$ 30,951.00
8	EROSION CONTROL	1	0.24	0.88	L.S.	\$1,000.00	\$ 880.00
9	GRASSING	1			L.S.	\$1,000.00	\$ -

% Complete 87%
 % Time Elapsed 49%

Total Earned - Regular Work	\$ 398,552.40
Less 5% Retainage	\$ 19,927.62
Less Stored Materials	\$ -
Total Due - Regular Work	\$ 378,624.78
Less Previous Payments	\$ 280,507.93
Net Amount Due This Estimate	\$ 98,116.85
Less Deductions	\$ -
Net Payment Due	\$ 98,116.85

CERTIFIED CORRECT:
 Shows, Dearman & Waits, Inc.



Project Engineer

APPROVED:

OWNER

105695.7245.09
 2016-321



**City of Hattiesburg
2013 Sewer & Water Bond
Summary of Payments
As of April 24, 2017**

Project Name	Payments by Project This Requisition	Payments to Date from This Bond
1500 GPM Water Well @ Plant No 1		539,421.83
1500 GPM Wesley Well No. 2	98,116.85	280,507.93
18" Sewer Trunk Lines		1,462,533.86
Clear Sewer ROW & Easements		30,022.50
Comprehensive Sanitary Sewer Study Task 1		6,300.00
Construction of Drying Bed at North Lagoon		18,000.00
Hwy 98 Booster Station		43,522.75
Hwy 98 Elevated Water Tank		113,226.30
Hwy 98 Fire Lines		48,652.50
Inflow and Infiltration Study		4,096,939.46
James St Water Well # 3		629,887.99
No-Discharge Wastewater Treatment System		292,127.60
NS Task 10 South Lagoon Sampling		43,676.87
NS Task 7 Wastewater Treatment Phase A		3,272,829.24
NS Task 7 WWTP Phase B Final Design		2,767,719.81
NS Task 8 WWTP Access Road & Site Design2		265,151.26
NS Task 9 WWTP Land Application Mgt		268,646.38
Providence Sewer Repair		62,172.00
Sewer Improvements Ph I		123,469.75
Sewer Improvements Ph II		259,327.58
Sewer Improvements Ph III		504,373.26
Sewer Improvements Ph IV		2,690.00
Sewer Improvements Ph V		127,325.00
Sewer Improvements Ph VII		3,158,462.43
Sewer Rate Study 2016		68,403.60
Veteran's Blvd Water Connector		1,555,895.52
Water Improvements Ph I		115,051.65
Water Improvements Ph II	3,927.32	238,346.83
Water Improvements Ph III	470.00	1,848,918.60
Water Improvements Ph IV	11,710.00	132,482.50
Water Improvements Ph V	1,807.50	85,484.18
Water Line Old 98 & Runnels Rd	725.00	640,148.70
Water Rate Study 2016		75,160.40
Wesley Water Well # 2	3,177.50	53,390.00
WTP #2 Filter #6 Repairs		110,863.40
Grand Total	119,934.17	23,341,131.68

Hattiesburg, Mississippi does hereby certify to Hancock 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 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 December 19, 2013 (the “Loan Agreement”).
- (4) The payment herein authorized and approved is a proper charge against the 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)



City of Hattiesburg, MS

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

FILE NUMBER: 2017-502

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: 2016 Bond Resolution No. 6

Title: Adopt a Resolution authorizing Requisition No. 6 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.

Type: Resolution

Drafter: LaTasha McDaniel,
Engineering

In Control: City Council

Reference: Lamar Rutland

Attachments: 2016 Bond Resolution No. 6

File Created: 06/13/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File

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. 6 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. 6 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. 6 from the Project Fund Construction Account under the Loan in the total aggregate amount of **\$21,560.00** 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. 6 from the Project Fund Construction Account under the Loan in the total aggregate amount of **Twenty-One Thousand Five Hundred Sixty and 00/100 dollars (\$21,560.00)** 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. 6 in the total aggregate amount of **Twenty-One Thousand Five Hundred Sixty and 00/100 dollars (\$21,560.00)** 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 20th day of June, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 20th day of June, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

EXHIBIT A

PROJECT FUND CONSTRUCTION ACCOUNT REQUISITION

EXHIBIT A

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.: 6

DATE OF REQUISITION: 6/20/2017

Item #	Payee Name & Address	Budget Line Item	Payment Amount	Invoice #	Purpose of Payment
1	Shows, Dearman, Waits, Inc. 301 Second Ave Hattiesburg, MS 39403-1711	093695.7220.62	\$ 2,712.50	19679	Lake Forgetful Road Period: April 23, 2017 to May 20, 2017 MB: 2011-4/89-110 SDW #11209
2	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.70	\$ 1,890.00	19671	Sewer Improvements Ph VIII - Camp St. Area Period: April 23, 2017 to May 20, 2017 MB 2011-4/89-110 SDW #1273-S010
3	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	93695.6015	\$ 7,875.00	19674	Water Plant #1 Rehabilitation Period: April 23, 2017 to May 20, 2017 MB 2017-81 SDW #1273-W015
4	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.72	\$ 3,220.00	19672	Sewer Phase X - Quinn St. Area Period: April 23, 2017 to May 20, 2017 MB 2011-4/89-110 SDW #1273-S011
5	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.54	\$ 2,012.50	19654	Sewer Improvements Ph V Period: April 23, 2017 to May 20, 2017 MB 2012-1/413 SDW #1273-S005

EXHIBIT A

Item #	Payee Name & Address	Budget Line Item	Payment Amount	Invoice #	Purpose of Payment
6	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.63	\$ 3,850.00	19680	Infrastructure Improvements at 30th & Chewy Chase Period: April 23, 2017 to May 20, 2017 MB: 2016-289 SDW #11241

\$ 21,560.00



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

May 25, 2017
Project No: 11209
Invoice No: 19679

Project Manager Shea McNease
Project 11209 Lake Forgetful Road
Professional Services from April 23, 2017 to May 20, 2017
Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
McNease, Shea	15.50	175.00	2,712.50	
Totals	15.50		2,712.50	
Total Labor				2,712.50
		Total this Invoice		\$2,712.50

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

May 25, 2017
Project No: 1273-S010
Invoice No: 19671

Project Manager John Weeks

Project 1273-S010 ComSWIP Sewer Phase VIII - Camp St. Area

Professional Services from April 23, 2017 to May 20, 2017

Professional Personnel

	Hours	Rate	Amount
CADD TECHNICIAN I			
Sullivan, Richard	.50	105.00	52.50
PROJECT ENGINEER			
Weeks, John	10.50	175.00	1,837.50
Totals	11.00		1,890.00
Total Labor			1,890.00
Total this Invoice			\$1,890.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

93695.7220.70

2011-4/89-110

LR



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

May 25, 2017
Project No: 1273-W015
Invoice No: 19674

Project Manager John Weeks
Project 1273-W015 Water Plant #1 Rehabilitation
Professional Services from April 23, 2017 to May 20, 2017
Professional Personnel

	Hours	Rate	Amount
Connolly, Nicholas	17.00	175.00	2,975.00
PROJECT ENGINEER			
Weeks, John	28.00	175.00	4,900.00
Totals	45.00		7,875.00
Total Labor			7,875.00
Total this Invoice			\$7,875.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

93695.6015

2017-81

LR



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

May 25, 2017
Project No: 1273-S011
Invoice No: 19672

Project Manager John Weeks
Project 1273-S011 ComSWIP Sewer Phase X - Quinn St. Area

Professional Services from April 23, 2017 to May 20, 2017

Professional Personnel

	Hours	Rate	Amount	
CADD TECHNICIAN I				
Sullivan, Richard	16.50	105.00	1,732.50	
PROJECT ENGINEER				
Weeks, John	8.50	175.00	1,487.50	
Totals	25.00		3,220.00	
Total Labor				3,220.00
		Total this Invoice		\$3,220.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

93695.7220.72

2011-4/89-110

LR

2016 Bond



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

May 25, 2017
Project No: 1273-S005
Invoice No: 19654

Project Manager Kyle Wallace
Project 1273-S005 ComSWIP Sewer Phase V

Professional Services from April 23, 2017 to May 20, 2017

Phase DD Phase V - Design Services

Professional Personnel

	Hours	Rate	Amount
PROJECT ENGINEER			
Wallace, Kyle	11.50	175.00	2,012.50
Totals	11.50		2,012.50
Total Labor			2,012.50
		Total this Phase	\$2,012.50
		Total this Invoice	\$2,012.50

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

093695.7220.54
2012-1/413

Ln



CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

May 25, 2017
Project No: 11241
Invoice No: 19680

Project Manager Shea McNease

Project 11241 Infrastructure Improvements at 30th Ave & Chevy Chase

Professional Services from April 23, 2017 to May 20, 2017

Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Design Phase Services	88,000.00	100.00	88,000.00	88,000.00	0.00
Construction Phase Services	77,000.00	5.00	3,850.00	0.00	3,850.00
Total Fee	165,000.00		91,850.00	88,000.00	3,850.00
Total Fee					3,850.00
Total this Invoice					\$3,850.00

Please make checks payable to Shows, Dearman and Waits, Inc. Thank you.

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

093695.7220.63

2016-289

LR



City of Hattiesburg
2016 Sewer & Water Bond
Summary of Payments
June 20, 2017

Project Name	Payments by Project This Requisition	Payments to Date
Infrastructure Improvements at 30th & Chevy Chase	3,850.00	82,575.00
Lake Forgetful Road	2,712.50	63,841.14
Sewer Improvements Ph V	2,012.50	53,820.00
Sewer Improvements Ph VIII	1,890.00	123,787.50
Sewer Improvements Ph X	3,220.00	2,187.50
Water Plant #1 Rehabilitation	7,875.00	13,527.50
Grand Total	21,560.00	339,738.64

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

FILE NUMBER: 2017-491

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Adopt a Resolution authorizing Disbursement No. 16

Title: Adopt a Resolution authorizing Disbursement No. 16 from the Project Fund Escrow Account in connection with certain Equipment Lease/Purchase Agreement, dated as of February 4, 2016, by and between Banc of America Public Capital Corp. and City of Hattiesburg.

Type: Resolution

Drafter: LaTasha McDaniel,
Engineering

In Control: City Council

Reference: Lamar Rutland

Attachments: Energy Performance Disbursement No. 16

File Created: 06/12/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File

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 Disbursement No. 16 of funds from the Escrow Account in connection with the Equipment Lease/Purchase Agreement between the City and Banc of America Public Capital Corp and an Escrow and Account Control Agreement between the City and Bank of America, N.A., as Escrow Agent, dated February 4, 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 DISBURSEMENT NO. 16 FROM THE ESCROW ACCOUNT IN CONNECTION WITH THAT EQUIPMENT LEASE/PURCHASE AGREEMENT DATED FEBRUARY 4, 2016, BY AND BETWEEN THE CITY AND BANC OF AMERICA PUBLIC CAPITAL CORP AND AN ESCROW AND ACCOUNT CONTROL AGREEMENT BETWEEN THE CITY AND BANK OF AMERICA, N.A., AS ESCROW AGENT, ALL IN CONNECTION WITH THAT CERTAIN PERFORMANCE CONTRACT UNDERTAKEN PURSUANT TO THE MISSISSIPPI DEVELOPMENT AUTHORITY CAPITAL LEASE PROGRAM TO FINANCE ENERGY EFFICIENCY AND CONVERSATION EQUIPMENT FOR CERTAIN FACILITIES LOCATED THROUGHOUT THE CITY, AND RELATED MATTERS.

Whereas, on February 4, 2016 the City entered into an Equipment Lease/Purchase Agreement between Banc of America Public Capital Corp and an Escrow Control Agreement between the Bank of America, National Association, as Escrow Agent, in an amount not to exceed \$7,528,000 (the "Lease") pursuant to the terms and conditions of that certain agreement, dated as February 4, 2016, by between Banc of America Public Capital Corp and Bank of America, National Association (the "Lease").

Whereas, the City Council of the City now finds it necessary to approve Disbursement No. 16 from the Escrow Account under the Lease in the total aggregate amount of \$ 42,524.00 for the purpose of paying vendors in connection with the lease 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 Disbursement No. 16 from the Escrow Account under the Lease in the total aggregate amount of **Forty-Two Thousand Five Hundred Twenty-Four and no/100 Dollars (\$ 42,524.00)** for the purpose of paying vendors in connection with the Lease as more particularly described in Exhibit A.

SECTION 2. The City Council hereby directs Bank of America, National Association, as the Escrow Agent, to disburse funds of Disbursement No. 16 in the total aggregate amount **Forty-Two Thousand Five Hundred Twenty-Four and no/100 Dollars (\$ 42,524.00)** 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 20th day of **June**, 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 20th day of **June**, 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

EXHIBIT A

DISBURSEMENT OF ESCROW FUNDS REQUEST

APPLICATION AND CERTIFICATION FOR PAYMENT

A14 DOCUMENT G702

PAGE ONE OF 2 PAGES

TO OWNER: City of Hattiesburg
200 Forrest Street
Hattiesburg, MS 39401

PROJECT: City of Hattiesburg Energy Performance Contract
PROJECT MGR: Moore, Chip

APPLICATION NO: 16
PERIOD TO: 5/31/2017
PROJECT NO: 5PYQ-0016

Distribution to:

☒	OWNER
☐	ARCHITECT
☐	CONTRACTOR

FROM CONTRACTOR:

JOHNSON CONTROLS, INC
South Region PC Branch
3021 W. Bend Drive

REMIT TO: Johnson Controls
PO Box 730068
Dallas, TX 75373

CONTRACT FOR: Energy Performance Upgrades

CONTRACT DATE: 28-Aug-15

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract Continuation Sheet, A14 Document G703, is attached.

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:

Johnson Controls, Inc.

By:

Derland Moore II

Date:

5/31/2017

1. ORIGINAL CONTRACT SUM
2. Net change by Change Orders
3. CONTRACT SUM TO DATE (Line 1 ± 2)
4. TOTAL COMPLETED & STORED TO

DATE (Column G on G703)

\$	7,249,714
\$	0
\$	7,249,714
\$	6,844,704

5. RETAINAGE:

a. 0 % of Completed Work
(Column D + E on G703)
b. 0 % of Stored Material
(Column F on G703)
Total Retainage (Lines 5a + 5b or
Total in Column I of G703)

\$	0
\$	0

6. TOTAL EARNED LESS RETAINAGE
(Line 4 Less Line 5 Total)
7. LESS PREVIOUS CERTIFICATES FOR
PAYMENT (Line 6 from prior Certificate)

\$	0
\$	6,844,704

\$	6,802,180
\$	42,524

8. CURRENT PAYMENT DUE

\$	0
\$	405,010

9. BALANCE TO FINISH, INCLUDING RETAINAGE
(Line 3 less Line 6)

AMOUNT CERTIFIED \$ 542,524

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$0	\$0
Total approved this Month	\$0	\$0
TOTALS	\$0	\$0
NET CHANGES by Change Order	\$0	\$0

(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 with the amount certified.)
Owner:

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.

A14 DOCUMENT G702 / APPLICATION AND CERTIFICATION FOR PAYMENT 1992 EDITION / AIA® / © 1992

THE AMERICAN INSTITUTE OF ARCHITECTS, 1735 NEW YORK AVE., N.W., WASHINGTON, DC 20006-5292

CONTINUATION SHEET

MAX DOCUMENT 0700, APPLICATION AND CERTIFICATION FOR PAYMENT, 05/01/2000

Contractor's signed certification is attached.

In tabulations below, amounts are stated in the nearest dollar.

Use Column I on Contracts where variable retentions for line items may apply.

MAX DOCUMENT 0700

PROJECT NO: 3PVC00016

APPLICATION NO: 13

APPLICATION DATE: 23-Apr-17

PERIOD TO: 28-Apr-17

ITEM NO.	DESCRIPTION OF WORK	SCHEMATIC VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (NOT IN STORES)	TOTAL COMPLETED AND STORED TO DATE (D+E+F)	%	BALANCE TO FINISH (C + F)	BALANCE (A VARIABLE RATE)
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
General Fund									
1	Lighting Upgrade	\$ 1,186,211	\$ 1,163,196	0	\$ 0	\$ 1,163,196	98%	\$ 23,015	\$ 0
2	Energy Management Control System	\$ 470,334	\$ 450,702	0	\$ 0	\$ 450,702	96%	\$ 19,632	\$ 0
3	Small Unitary Equipment Replacement	\$ 362,896	\$ 359,367	0	\$ 0	\$ 359,367	99%	\$ 3,529	\$ 0
4	City Hall HVAC Upgrade	\$ 593,004	\$ 571,868	0	\$ 0	\$ 571,868	96%	\$ 21,136	\$ 0
5	Jackie Doyle HVAC Upgrade	\$ 102,285	\$ 102,285	0	\$ 0	\$ 102,285	100%	\$ 0	\$ 0
6	Solar Photo-Voltaic System	\$ 33,901	\$ 33,901	0	\$ 0	\$ 33,901	100%	\$ 0	\$ 0
Enterprise Fund									
7	Lighting Upgrade	\$ 394,328	\$ 384,608	0	\$ 0	\$ 384,608	98%	\$ 9,720	\$ 0
8	Energy Management Control System	\$ 33,262	\$ 28,904	0	\$ 0	\$ 28,904	87%	\$ 4,358	\$ 0
9	Boiler Replacement	\$ 144,945	\$ 144,945	0	\$ 0	\$ 144,945	100%	\$ 0	\$ 0
10	Water Treatment Plant Control Upgrade	\$ 1,240,751	\$ 1,136,829	42,524	\$ 0	\$ 1,179,353	95%	\$ 61,398	\$ 0
11	Lift Station Control Upgrade	\$ 1,409,975	\$ 1,275,935	0	\$ 0	\$ 1,275,935	90%	\$ 134,040	\$ 0
12	Water Conservation Option	\$ 1,277,822	\$ 1,149,640	0	\$ 0	\$ 1,149,640	90%	\$ 128,182	\$ 0
GRAND TOTALS:		\$ 7,249,714	\$ 6,802,180	42,524	\$ 0	\$ 6,844,704	94%	\$ 405,010	\$ 0

Johnson Controls Energy Project Status

Bldg Name / Site	Completed	Ongoing	Have Not Started
Sanitation Office Facilities LED Lighting (55) Thermomats			
Public Works Facilities (5 Bldgs) LED Lighting (181) Thermomats			
Mass Transit Operations Building LED Lighting (54) Thermomats			
Maintenance Shop, Traffic Control LED Lighting (116) Thermomats			
LT Ben McNear Recreation Center LED Lighting (123) Thermomats			
W. U. Bill Syler Community Center AC unit replacement (2x10 ton) LED Lighting (39) Thermomats			
Kemper Park Facilities LED Lighting (59) - Tennis Courts Water Billing Office LED Lighting (55) Thermomats			
San Antonio Street Soccer Complex LED Lighting (10) LED Lighting (42) LED Lighting (50) Thermomats			
Jaycee Park and Fields LED Lighting (42) LED Lighting (50) Thermomats			
Camerson Field with Buildings LED Lighting (23) Thermomats			
Hullieburt Employee Clinic LED Lighting (23) Thermomats			
City Engineering Office LED Lighting (82) Thermomats			
Public Works Shop (20 ton to 8 ton) LED Lighting (55) LED Lighting (50) Thermomats			
Jackie Doyle Street Community Center LED Lighting (24) Thermomats			
Car Washing Station LED Lighting (24) Thermomats			
Washers & Spinning LED Lighting (11) Thermomats			
Ossola McCarty Park Lighting / West Street Walking Trail LED Lighting (11) Thermomats			
Walking Trail (37th St) Beverly Hills / Leisure Park LED Lighting (8) Thermomats			
Percy Charles Bailey Fitness and Walking Trail Restrooms / East Side Park Facilities LED Lighting (34) Thermomats			
Bobby Chuan Air Port Facilities LED Lighting (158) Thermomats			
Police/Fire Training Building LED Lighting (162) Thermomats			
Bldg Name / Site	Completed	Ongoing	Have Not Started
Fire Station #3 LED Lighting (40) Thermomats			
Peoples Park LED Lighting (24) Thermomats			
Walking Trail (18th St) LED Lighting (19) Thermomats			
Walking Trail (5th St) LED Lighting (35) Thermomats			
C. E. Roy Community Center / 5th Street Ball Sandford LED Lighting (184) Thermomats			
WALK PARK WITH VERNAN DAHMER LED Lighting (39) - Tennis Courts Civic Center - Parking Garage (Tusmark) LED Lighting (22) Thermomats			
City Hall Building (Historic Building) LED Lighting (546) Thermomats			
Public Works Shop LED Lighting (55) Thermomats			
Food Coaster Replacement LED Lighting (55) Thermomats			
Side Streets LED Lighting (172) Thermomats			
Fire Station #1 (New Facility) LED Lighting (265) Thermomats			
Water Plant #1, 2 Bldgs & Pumps LED Lighting (172) Thermomats			
Water Treatment Plant (100,000 gpd) LED Lighting (153) Thermomats			
Highland Corridor LED Lighting (153) Thermomats			
AC unit replacement (2 x 5 ton) LED Lighting (153) Thermomats			
Fire Department Admin Bldg LED Lighting (153) Thermomats			
Water Plant #2 Admin Bldg LED Lighting (153) Thermomats			
Water Plant #2 Facilities, 4 Bldgs LED Lighting (177) Thermomats			
Water Treatment Plant LED Lighting (177) Thermomats			
Fire Station #2 LED Lighting (229) Thermomats			
Fire Station #4 LED Lighting (100) Thermomats			
Fire Station #5 LED Lighting (136) Thermomats			
Fire Station #6 LED Lighting (136) Thermomats			
City of Hattiesburg Municipal Water System Leak Detection Sensors LED Lighting (162) Thermomats			
Bldg Name / Site	Completed	Ongoing	Have Not Started
Fire Station #7 LED Lighting (171) Thermomats			
Fire Station #8 LED Lighting (188) Thermomats			
Culture Center (Historic Building) LED Lighting (175) Thermomats			
Hattiesburg Train Depot LED Lighting (430) Thermomats			
Public Works Shop (240 ton to 120 ton) LED Lighting (175) Thermomats			
Tatum Park Complex LED Lighting (207) - Tennis Courts Thermomats			
Unith Street Gym LED Lighting (207) Thermomats			
AC unit replacement LED Lighting (207) Thermomats			
N.R. Burger Center Thermomats			
Timberline Complex LED Lighting (70) - Exterior & Conversation Stands LED Lighting (241) - Walk Park Thermomats			
Arena Drive Water Tank LED Lighting (11) Thermomats			
Duncan Lake RESTROOMS ONLY LED Lighting (4) Thermomats			
Forest General Water Tank and Booster Station LED Lighting (25) Thermomats			
LINCOLN RD EXTENSION / LINCOLN ROAD BOOSTER STATION LED Lighting (29) Thermomats			
Lincoln Rd Tank LED Lighting (4) Thermomats			
Lincoln Road Booster Station LED Lighting (60) Thermomats			
North Lagoon Chlorine Bldg and Pump LED Lighting (4) Thermomats			
RICHBURG ELEV. TANK - 40TH AVE LED Lighting (16) Thermomats			
South Lagoon - Chlorine Bldg; East Laurel Lift Station LED Lighting (14) Thermomats			
US Hwy 88 Water Tank & Booster Station LED Lighting (14) Thermomats			
USM Tank - Storage used by USM under tank, Chlorine Bldg LED Lighting (4) Thermomats			
Veteran's Memorial Park Facilities LED Lighting (153) Thermomats			
W 4th St Well & Chlorine Bldg LED Lighting (10) Thermomats			
Wesley Tank, Chlorine Bldg and Treatment Bldg LED Lighting (17) Thermomats			
COH Parks and Rec Offices LED Lighting (27) Thermomats			
Post Office Garage (Roof Only) LED Lighting (8) Thermomats			

SCHEDULE 1
to the Escrow and Account Control Agreement

FORM OF DISBURSEMENT REQUEST

Re: Equipment Lease/Purchase Agreement dated as of February 4, 2016 by and between Banc of America Public Capital Corp, as Lessor and City of Hattiesburg, Mississippi, as Lessee (the "Lease") (Capitalized terms not otherwise defined herein shall have the meanings assigned to them in the Lease.)

In accordance with the terms of the Escrow and Account Control Agreement, dated as of February 4, 2016 (the "Escrow Account and Account Control Agreement") by and among Banc of America Public Capital Corp ("Lessor"), City of Hattiesburg, Mississippi ("Lessee") and Bank of America, National Association, (the "Escrow Agent"), the undersigned hereby requests the Escrow Agent pay the following persons the following amounts from the Escrow Account created under the Escrow Account and Account Control Agreement for the following purposes:

Disbursement Amounts:

Payee's Name and Address (if disbursement via wire, must include wire transfer instructions)	Invoice Number	Dollar Amount	Purpose
Johnson Control, Inc. JPM Chase One Bank Plaza Chicago, IL 60 670 ABA# 071000013 Account # 5514347	Pay App 16	\$42,524.00	Energy Performance Upgrades

(i) (a) Each obligation specified in the table herein titled as "Disbursement Amounts" has been incurred by Lessee in the stated amount, (b) the same is a proper charge against the Escrow Account for costs relating to the Equipment identified in the Lease, and (c) has not been paid (or has been paid by Lessee and Lessee requests reimbursement thereof).

(ii) Each item of Equipment relating to an obligation specified in the table herein titled as "Disbursement Amounts" has been delivered, installed and accepted by Lessee. Attached hereto is the original invoice with respect to such obligation.

(iii) The undersigned, as Authorized Representative, has no notice of any vendor's, mechanic's or other liens or rights to liens, chattel mortgages, conditional sales contracts or security interest which should be satisfied or discharged before such payment is made.

(iv) This requisition contains no item representing payment on account, or any retained percentages which Lessee is, at the date hereof, entitled to retain (except to the extent such amounts represent a reimbursement to Lessee).

(v) The Equipment is insured in accordance with the Lease.

(vi) No Event of Default, and no event which with notice or lapse of time, or both, would become an Event of Default, under the Lease has occurred and is continuing at the date hereof.

(vii) The disbursement shall occur during the Acquisition Period.

(viii) The representations, warranties and covenants of Lessee set forth in the Lease are true and correct as of the date hereof.

(ix) No Material Adverse Change has occurred since the date of the execution and delivery of the Lease.

Dated: June 20, 2017

CITY OF HATTIESBURG, MISSISSIPPI

By: _____
Mayor Johnny L. DuPree

Disbursement of funds from the Escrow
Account in accordance with the foregoing
Disbursement Request hereby is authorized

BANC OF AMERICA PUBLIC CAPITAL CORP
as Lessor under the Lease

By: _____
Name:
Title:



City of Hattiesburg, MS

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

FILE NUMBER: 2017-496

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Approve Final Estimate No. 3 and Final Payment

Title: Approve Final Estimate No. 3 and Final Payment to Land Shapers, Inc. in the amount of \$26,745.52 for construction services on the Access Road from Lincoln Road to City of Hattiesburg Water Tank Project. Approve final acceptance of said project; and Authorize publication of Final Settlement of said project.

Type: Action Item

Drafter: LaTasha
McDaniel, Engineering

In Control: City Council

Reference: Lamar
Rutland

Attachments: Notice of Final Settlement, Closing Documents, Final Pay
Application

File
Created: 06/13/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication
Information:

History of Legislative File

NOTICE OF FINAL SETTLEMENT

NOTICE is hereby given that the contract between the City of Hattiesburg, Mississippi, as Owner and Land Shaper, Inc. dated December 2, 2016, for the construction services on the Access road from Lincoln Road to city of Hattiesburg Water Tank 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 20th day of June, 2017, A.D.

CITY OF HATTIESBURG, MISSISSIPPI

BY: _____
CITY CLERK

(S E A L)

Publish (1) Tuesday, June 27th, 2017
Return PROOF to City Clerk's Office
P O Box 1898
Hattiesburg, MS 39403



Engineering Progress

June 19, 2017

City of Hattiesburg
PO Box 1898
Hattiesburg MS 39403-1898

Attn: Lamar Rutland, P.E.

RE: Access Road from Lincoln Road to City of Hattiesburg Water Tank
Hattiesburg, MS

Dear Mr. Rutland:

This is to certify the above referenced project has been completed in accordance with the previously approved plans and specifications.

Enclosed are the following documents:

1. The final estimate no. 3 for the contractor in the amount of \$26,745.52
2. Contractor's Affidavit of Release of Leins and Waiver of Lien
3. Consent of Surety to final Payment
4. Warranty Letter

Please do not hesitate to contact me should you have questions or comments.

Sincerely,

A handwritten signature in black ink, appearing to read 'Shea E. McNease', is written over a horizontal line.

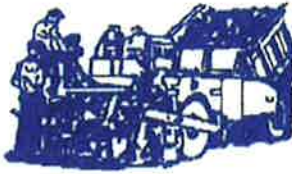
Shea E. McNease, P.E.
Project Engineer

/aa

cc: SDW, Land Shapers, Inc.

301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

G:\PROJECTS\Hattiesburg_City of\11229 - Water Tank Access Road\Corres\11229_Rutland_Pay Est No. 2 and Final_Closeout Documents.doc



LAND SHAPER, INCORPORATED

P.O. Box 995 • 39502
10217 Three Rivers Road • 39503
Gulfport, Mississippi
Phone (228) 863-8996 • Fax (228) 868-8878

Contractor's Affidavit of Release of Liens

AND

Waiver of Lien

Project/Owner

Project: Access Road from Lincoln Road
to City of Hattiesburg Water Tank

Address: P.O. Box 1898
Hattiesburg, MS 39403

Owner: City of Hattiesburg

State of: Mississippi

County of: Forest

Contractor

Name: Land Shaper, Inc.

Address: P.O. Box 995
Gulfport, MS 39502

Contractor License: 05188-MC

Contract Date: 08/09/16

TO WHOM IT MAY CONCERN:

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned Contractor hereby waives, discharges, and releases any and all liens, claims, and rights to liens against the above-mentioned project, and any and all other property owned by or the title to which is in the name of the above-referenced Owner and against any and all funds of the Owner appropriated or available for the constructions of said project, and any and all warrants drawn upon or issued against any such funds or monies, which the undersigned Contractor may have or may hereafter acquire or possess as a result of the furnishing of labor, materials, and/or equipment, and the performance of Work by the Contractor on or in the connection with the said project, whether under and pursuant to the above-mentioned contract between the Contractor and the Owner pertaining to said project or otherwise, and which said liens, claims, or rights of lien may arise and exist.



LAND SHAPER, INCORPORATED

P.O. Box 995 • 39502

10217 Three Rivers Road • 39503

Gulfport, Mississippi

Phone (228) 863-8996 • Fax (228) 868-8878

The undersigned further hereby acknowledges that the sum of twenty six thousand seven hundred forty five dollars and 52/100 (\$26,745.52) constitutes the entire unpaid balance due the undersigned in connection with the said project whether under said contract or otherwise and that the payment of said sum to the Contractor will constitute payment in full and will fully satisfy any and all liens, claims, and demands which the Contractor may have or assert against the Owner in connection with the said contract or project.

Dated this 23 day of May 2017

Land Shaper, Inc.

Contractor

BY: Re. Eld T. Parker

Title: Vice President

Witness to Signature:

Marie Anita Parker



Asphalt Paving • Road Construction • Curb & Gutter • Water & Sewer • Concrete • Excavation

AIA® Document G707™ – 1994

Consent Of Surety to Final Payment

Bond # 106495795

PROJECT: *(Name and address)*
Access Road from Lincoln Road to City of
Hattiesburg Water Tank

ARCHITECT'S PROJECT NUMBER:

OWNER: ☐

CONTRACT FOR: Construction

ARCHITECT: ☐

TO OWNER: *(Name and address)*
City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39401

CONTRACT DATED:

CONTRACTOR: ☐

SURETY: ☐

OTHER: ☐

In accordance with the provisions of the Contract between the Owner and the Contractor as indicated above, the
(Insert name and address of Surety)

Travelers Casualty and Surety Company of America
One Tower Square
Hartford, CT 06183-6014

, SURETY.

on bond of

(Insert name and address of Contractor)

Land Shaper, Inc.
P. O. Box 995
Gulfport, MS 39502

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 39401

, OWNER.

as set forth in said Surety's bond.

IN WITNESS WHEREOF, the Surety has hereunto set its hand on this date: May 23rd, 2017

(Insert in writing the month followed by the numeric date and year.)

Travelers Casualty and Surety Company of America
(Surety)

Kathleen Scarborough
(Signature of authorized representative)

Kathleen Scarborough, Attorney-in-Fact
(Printed name and title)

Attest:
(Seal):

Deanne Landry



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. 231109

Certificate No. 006900684

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

John B. Sneed of Gulfport, Mississippi; Jim E. Brashier, Troy P. Wagener, Loren Richard Howell, Jr., Kathleen Scarborough, Dewey Brashier, Belinda Tubbs, Susan Skrmetta, Joseph Beattie of Biloxi, Mississippi, David Robin Fortenberry, Richard Teb Jones, Mary Jones Norval, Kimberly Barhum of Hattiesburg, Mississippi; John W. Nance of Tupelo, Mississippi; Andrew P. Underwood of Mobile, Alabama; Chris H. Boone, John R. Pittman, Sr., Sharon Tuten, and Cody Chew

of the City of Jackson, 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 15th day of July, 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 15th day of July, 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

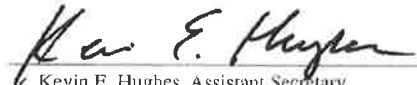
FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing 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 23rd day of May, 2017.


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.



LAND SHAPER, INCORPORATED

P.O. Box 995 • 39502
10217 Three Rivers Road • 39503
Gulfport, Mississippi
Phone (228) 863-8996 • Fax (228) 868-8878

CONTRACTOR WARRANTY FORM

PROJECT: Access Road from Lincoln Road to City of
Hattiesburg Water Tank

LOCATION: Hattiesburg, Mississippi

OWNER: City of Hattiesburg

Contractor: Land Shaper, Inc.

We, Land Shaper, Inc., Contractor for the above referenced project, do hereby warrant all labor and materials furnished by Land Shaper, Inc. (Asphalt Paving) is in accordance with the Contract Documents and authorized modifications thereto, and will be free from defects due to defective materials or workmanship for a period of one year from Date of Substantial Completion. This Warranty commences on March 17, 2017 and expires on March 17, 2018.

Should any defect develop during the warranty period due to improper materials, workmanship or arrangement, the defect shall, upon written notice by the Owner, be made good by the Undersigned at no expense to the Owner.

Nothing in the above statement shall be deemed to apply to work which has been damaged or abused by the Owner or Others using the facilities

DATE

3/17/17

FOR

Land Shaper, Inc.

BY:

Ronald C. Parker

TITLE:

Vice President

Asphalt Paving • Road Construction • Curb & Gutter • Water & Sewer • Concrete • Excavation

APPLICATION AND CERTIFICATE FOR PAYMENT

TO: City of Hattiesburg PO Box 1898 Hattiesburg, MS 39403-1898	PROJECT: Access Road From Lincoln Road To City Of Hattiesburg Water Tank	APPLICATION NO: 003	Distribution to: ☐ OWNER ☒ ARCHITECT ☐ CONTRACTOR
FROM: Land Shapers, Inc. P. O. Box 995 Gulfport Ms. 39502	VIA (ARCHITECT): Shows, Dearman and Walls 301 Second Street Hattiesburg, Mississippi 39401	PERIOD TO: 03/17/17	
CONTRACT FOR: Access Road		CONTRACT NO:	
CONTRACTOR'S APPLICATION FOR PAYMENT		CONTRACT DATE	09-Aug-16

CHANGE ORDER SUMMARY

Change Orders approved in previous months by Owner	ADDITIONS	DEDUCTIONS
TOTAL		
Approved this month		
Number Date Approved		
TOTALS		
Net changes by change order		

The undersigned Contractor certifies that to the best of the Contractors 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

By: Robert T Parker Date: 5-9-12

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents based on on-site observations and the Architect certifies to the owner that the Work represented as indicated, the quality of the Work is in accordance with the Contract Documents, and that the Contractor is entitled to payment of the AMOUNT CERTIFIED.



Application is made for payment as shown below, in connection with the Contract. Continuation sheet is attached

1. ORIGINAL CONTRACT SUM	\$166,767.00
2. Net change by change orders	\$0.00
3. CONTRACT SUM TO DATE	\$166,767.00
4. TOTAL COMPLETED AND STORED TO DATE	\$166,767.00
5. RETAINAGE:	
a. 0 % of completed work	\$0.00
b. % of stored material	\$0.00
Total retainage	\$0.00
6. TOTAL EARNED LESS RETAINAGE	\$166,767.00
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT	\$140,021.48
8. CURRENT PAYMENT DUE	\$26,745.52
9. BALANCE TO FINISH, PLUS RETAINAGE	\$0.00

State of: Mississippi County of: Harrison
Subscribed and sworn to before me this May 9, 2017
Notary Public My Commission expires March 9, 2018

AMOUNT CERTIFIED
(Attach explanation if amount certified differs from the amount applied for)

By: [Signature] Date: 6/8/17
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.

Report Date	03/17/17
Period To	03/17/17

[illegible]



City of Hattiesburg, MS

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

FILE NUMBER: 2017-494

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Approve and authorize Mayor to execute agreement between Natural Resources Conservation Service and City of Hattiesburg

Title: Approve and authorize Mayor to execute agreement between Natural Resources Conservation Service and the City of Hattiesburg for the construction costs at Campbell Loop, Old Bakery #2, River Street, and In Town Suites. City of Hattiesburg is obligated to contribute \$204,612.50 for these four projects.

Type: Action Item

Drafter: LaTasha McDaniel,
Engineering

In Control: City Council

Reference: Lamar Rutland

Attachments: Approved EWP Site Agreement

File Created: 06/12/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File

Approved EWP Site Agreement Package Instructions and Checklist **for Sponsors** **Federal Contract**

Sponsor: City of Hattiesburg

EWP Site Name: Campbell Loop, Old Bakery #2, River Street, & In Town Suites

The EWP site listed above that you submitted has been approved for funding by NRCS. In order to efficiently move forward with the requirements associated with this site being approved, the following checklist has been developed to assist you (the sponsor) in providing NRCS with the required items needed to ensure continued funding and project completion. Failure to provide the items listed below will delay the start of your project and could result in the termination of project funding if applicable deadlines are not met.

Attached behind this checklist are the following items that will need to be properly filled out and the originals returned to NRCS. Please use this checklist as a guide to ensure that the documents are completed according to the instructions given and that you have completed each required document.

Document Checklist and Instructions:

____ **1. NRCS-ADS-78:** This two page document should be signed on page 2 by the Mayor (for city projects) or the President of the Board of Supervisors (for county projects) and attested by the chancery clerk.

____ **2. Title of Opinion:** Attached with this package is a sample title of opinion letter which is simply an example of what a title of opinion looks like. Your city attorney or county attorney must copy the sample letter's paragraph onto the attorney's official letterhead and sign it. The attorney is certifying that the sponsor has acquired the temporary easements necessary for a contractor to complete the project.

____ **3. Operation and Maintenance Agreement:** This three page agreement should be signed on page 3 by the Mayor (for city projects) or the President of the Board of Supervisors (for county projects) and attested by the chancery clerk.

____ **4. Operation and Maintenance Plan:** This two page document should simply be reviewed by the sponsor and returned.

____ **5. Notice of Award Agreement:** This agreement should be signed on page 2 by the Mayor (for city projects) or the President of the Board of Supervisors (for county projects).

Keep in mind that there are deadlines associated with this project funding and each project must be completed within 220 days of funding. So your prompt return of the above documents will prevent loss of funding and ensure that the project is completed in the 220 day timeframe.

Please return this completed checklist along with all of the properly filled out documents listed above electronically to Norman Patterson as follows: norman.patterson@ms.usda.gov

Or mail to: Natural Resources Conservation Service
ATTN: Norman Patterson
113 Fairfield Suite 110
Hattiesburg,

**ASSURANCES RELATING TO
REAL PROPERTY ACQUISITION**

A. **PURPOSE** - This form is to be used by sponsor(s) to provide the assurances to the Natural Resources Conservation Service of the U.S. Department of Agriculture which is required in connection with the installation project measures which involve Federal financial assistance furnished by the Natural Resources Conservation Service.

B. **PROJECT MEASURES COVERED** -

Name of project: DSR: 280351601, 280351603, 280351701, & 280351702

Identity of improvement or development: Erosion Control

Location: Forrest Co. - Site(s): Campbell Loop, Old Bakery #2, River Street, & In Town Suites

C. **REAL PROPERTY ACQUISITION ASSURANCE** -

This assurance is applicable if real property interests were acquired for the installation of project measures, and/or if persons, businesses, or farm operations were displaced as a result of such installation; and this assurance was not previously provided for in the watershed, project measure, or other type of plan.

If this assurance was not previously provided, the undersigned sponsor(s) hereby assures they have complied, to the extent practicable under State law, with the requirements of the Uniform Relocation Assistance and Real Property Acquisition Policies Act (42 U.S.C. 4601-4655), as implemented in 7 C.F.R. Part 21. Any exceptions taken from the real property acquisition requirements under the authority of 42 U.S.C. 4655 because of State law have been or are hereby furnished to the Natural Resources Conservation Service along with the opinion of the Chief Legal Officer of the State containing a full discussion of the facts and law furnished.

D. **ASSURANCE OF ADEQUACY OF REAL PROPERTY RIGHTS** -

The undersigned sponsor(s) hereby assures that adequate real property rights and interests, water rights if applicable, permits and licenses required by Federal, State, and local law, ordinance or regulation, and related actions have been taken to obtain the legal right to install, operate, maintain, inspect and inspect the above-described project measures, except for structures or improvements that are to be removed, relocated, modified, or salvaged before and/or during the installation process.

This assurance is given with the knowledge that sponsor(s) are responsible for any excess costs or other consequences in the event the real property rights are found to be inadequate during the installation process.

Furthermore, this assurance is supported by an attorney's opinion attached hereto that certifies an examination of the real property instruments and files was made and they were found to provide adequate title, right, permission and authority for the purpose(s) for which the property was acquired.

If any of the real property rights or interests were obtained by condemnation (eminent domain) proceedings, sponsor(s) further assure and agree to prosecute the proceedings to a final conclusion and pay such damages as awarded by the court.

City of Hattiesburg
(Name of Sponsor)

By: _____
(Signature)

Title: _____

Date: _____

This action is authorized at an official meeting
of the _____

on ____ day of _____, 20____
State of Mississippi

Attest

(Name)

(Title)

Date _____

Watershed: City of Hattiesburg

OPERATION AND MAINTENANCE AGREEMENT

This agreement is entered into by and between the Natural Resources Conservation Service, United States Department of Agriculture, hereinafter referred to as NRCS, and the following organization(s), hereinafter referred to as the Sponsor(s):

City of Hattiesburg (MS)

The Sponsor(s) and the Service agree to carry out the terms of this agreement for the operation and maintenance of the project measures in the State of Mississippi. The project measures covered by this agreement are identified as follows: Streambank stabilization with rock riprap- Campbell Loop, Old Bakery #2, River Street, & In Town Suites.

I. OPERATIONS

- A. The Sponsor(s) will be responsible for operating the measure without cost to the Service as follows:
 - 1. In compliance with applicable Federal, State and local laws;
 - 2. In compliance with the conditions set out in the instruments by which rights were acquired to install, operate and maintain the measure(s);
 - 3. In a manner that will protect the environment and permit the measure(s) to serve the purpose for which installed as set forth in the program agreement;
 - 4. In keeping with the requirements to provide inspection, operation and maintenance reports within the time frame provided in the attached plan.
- B. The Service will, upon request of the Sponsor(s) and to the extent that its resources permit, provide consultative assistance in the operation of the structural measures.
- C. Admission or users fees shall be charged only as necessary to produce revenues required by the Sponsor(s) to amortize its share of installation costs for that portion of the measures pertaining to recreation of fish and wildlife and to provide adequate inspection, operation, maintenance, and replacement of the same.
- D. In a recreation or fish and wildlife measure the Sponsor(s) may dispense such services and commodities, or arrange with private concessionaires for the dispensing of such services and commodities, which will contribute to the full use and enjoyment of the measure by the public at prices which are reasonable and compatible with prices for similar services and commodities within the area served by the measure.

II. MAINTENANCE

- A. The Sponsor(s) will:

1. Be responsible for and promptly perform or have performed without cost to the Service all maintenance of the measures determined by either the Sponsor(s) or the Service to be needed.
 2. Obtain prior Service approval of all plans, designs and specifications for maintenance work.
- B. The Service will upon request of the Sponsor(s) and to the extent that its resources will permit, provide consultative assistance in the maintenance of the measure(s).

III. REPLACEMENT

- A. The Sponsor(s) will be responsible for the replacement of parts or portions of the measure(s) which has a physical life of less duration than the evaluated life of the measure(s).
- B. The Service will upon request of the Sponsor(s), provide consultative assistance in the replacement of measure parts or portions.

IV. PLAN OF OPERATION AND MAINTENANCE

The Service and the Sponsor(s) will prepare a detailed plan of operation and maintenance for each measure covered by the agreement. More than one measure may be included in a single plan provided that the measures are sufficiently similar to warrant such action. Each such plan shall be attached to become a part of this agreement.

V. INSPECTIONS AND REPORTS

- A. The sponsor(s) will inspect the measures at least annually and after each major storm or occurrence of any unusual conditions that might adversely affect the measure(s).
- B. The Service or Federal land administering agency may inspect the measures at any reasonable time during the period covered by this agreement. At the discretion of the State Conservationist, Service personnel may assist the Sponsor(s) in their inspection.
- C. A written report will be made of each inspection. A copy of each report will be provided by the inspecting party to the other party within ten days of the date on which the inspection was made. The report will describe the conditions found and list any corrective action needed with a time frame to complete each action.

VI. TIME OF RESPONSIBILITY

The Sponsor(s)' responsibility for operation and maintenance begins when a part of or all of the work of installing a measure is completed and accepted or is determined complete by the Service. This responsibility shall continue until the expiration of the evaluated life of all the installed project measures. This does not relieve the Sponsor(s)' liability which continues throughout the life of the measure or until the measure is modified to remove potential loss of life or property.

VII. RECORDS

The Sponsor(s) will maintain in a centralized location a record of all inspections and significant actions taken, cost of performance and completion date with respect to

operation, maintenance and replacement. The Service may inspect these records at any reasonable time during the term of the agreement.

VIII. GENERAL

- A. The Sponsor(s) will:
1. Prohibit the installation of any structure or facilities that will interfere with the operation or maintenance of the project measures.
 2. Obtain prior Service approval of the plans and specifications for any alteration or improvement to the structural measures.
 3. Obtain prior Service approval of any agreement to be entered into with other parties for the operation or maintenance of all or any part of the agreement after it has been signed by the Sponsor(s) and the other party.
- B. Service personnel will be provided the right to free access to the project measures at any reasonable time for the purpose of carrying out the terms of this agreement.
- C. The responsibilities of the Sponsor(s) under this agreement are effective simultaneously with the acceptance of the project measures in whole or part.
- D. Comply with the attached **PROPERTY MANAGEMENT STANDARDS**.

Name of Sponsor: **City of Hattiesburg (MS)**

By: _____ Title: _____ Date: _____

This action was authorized at an official meeting of the Sponsor named immediately above on _____ at _____

Attest: _____ Title: _____

Natural Resources Conservation Service, United States Department of Agriculture

By: _____ Title: _____ Date: _____

OPERATION AND MAINTENANCE PLAN
City of Hattiesburg
Campbell Loop, Old Bakery #2, River Street, & In Town Suites

I. Operation

The Sponsors will operate this measure in accordance with the terms of the Operation and Maintenance Agreement. This includes the administration, management, and performance of nonmaintenance actions needed to keep completed works of improvement functioning as planned.

II. Maintenance

A. The channel should be maintained in such a way as to keep it free of any debris, silt bars or other obstructions that will reduce its capacity. Bank stabilization measures should be used to prevent erosion. The undesirable vegetation should be cut or sprayed with approved herbicides and removed from the channel. An access road should be maintained along side the channel for easy maintenance.

B. It is anticipated that the following items of maintenance, repair, or replacement will be needed during the effective life of the measure.

1. Vegetation:

- a. Reseed, resod, and fertilize areas of stand or areas destroyed by erosion, freezing, or drought. If necessary, restore eroded areas before reseeding.
- b. Cut or spray with approved herbicide and remove undesirable vegetation. Observe local ordinances regarding spraying and burning.
- c. Fertilize vegetation as required to maintain a vigorous stand.
- d. Control grazing to insure proper vegetative cover.
- e. Mow grass at regular intervals to maintain optimum cover.

2. Channels - lined and unlined

- a. Remove sand and gravel bars and properly dispose of them outside the channel perimeter.
- b. Remove and properly dispose of debris. Give special attention to removal and proper disposal of debris and repair erosion damage at structures.
- c. Replace, reinforce, or extend riprap where needed. Make repairs to grade control structures where needed.
- d. Keep access roads for maintenance and maintenance travelways in usable condition.
- e. Maintain dikes and spoil to divert water to protected inlets and prevent overbank flow.
- f. Renovate channel banks damaged by storm flow.
- g. Rehabilitate damaged pipe inlets from fields or side channels. Replace eroded soil adjacent to structures.

C. The estimated average annual cost of providing the necessary maintenance for this measure is \$200.00. Funds to finance this cost will be provided by the City of Hattiesburg, from general tax revenues.

- D. The City of Hattiesburg will be responsible for and promptly perform or have performed all maintenance of the measure determined by either the Sponsors or the Service to be needed.

The City of Hattiesburg, with consulting assistance from the Natural Resources Conservation Service, will assist in the maintenance which can be accomplished with normal farm equipment such as removal of debris, control of undesirable vegetation, controlled grazing and mowing, and fertilizing vegetation.

- E. The measure will be inspected at least annually and after unusually severed floods or the occurrence of any other unusual condition that might adversely affect the measure. Annual inspections will be performed during the month of July. Annual and special inspections will include but not be limited to an examination of the following items.
1. Stability of channel grades and side slopes
 2. Excessive sedimentation
 3. Condition of rip-rapped areas
 4. Obstructions and undesirable vegetative growth
 5. Scour at bridge piers, abutments and other adjacent property
 6. Severity of erosion of berms and undesirable vegetative growth
 7. Condition of cleared and snagged areas
 8. Condition of fences and gates
- F. A written report will be made of each inspection as provided in the O&M Agreement. A follow-up report will be provided when all corrective action has been accomplished.
- G. The requirements will remain in effect until the expiration of the effective life of the measure based on a mutual determination of the Sponsors and the Service.
- H. Service personnel will assist the Sponsors on annual and special inspections until such time as the State Conservationist determines that Service participation is no longer necessary. At this time, he will so notify the Sponsor in writing. This notice will constitute an amendment to the Plan.
- I. Each sponsoring organization that has responsibility for O&M of any project measure will be furnished an Operation and Maintenance Handbook. The handbook is to acquaint Sponsors with the essentials of operating and maintaining their projects. The information and suggestions can help Sponsors understand the jobs and how to carry them out in a timely and efficient manner.

NOTICE OF GRANT AND AGREEMENT AWARD

1. Award Identifying Number 68-4423-17-217	2. Amendment No. n/a	3. Award/Project Period Date of Final NRCS signature - 11/26/2017	4. Type of Award Instrument Cooperative																																
5. Agency: Natural Resources Conservation Service (NRCS) (Name and Address) Mississippi State Office 100 W. Capitol Street, Suite 1321 Jackson, MS 39269		6. Recipient Organization: (Name and Address) City of Hattiesburg 200 Forrest Street Hattiesburg, MS 39401 <table border="1" style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 50%;">DUNS: 079448130</td> <td style="width: 50%;">EIN: 64-600432</td> </tr> </table>		DUNS: 079448130	EIN: 64-600432																														
DUNS: 079448130	EIN: 64-600432																																		
7. NRCS Program Contact: Norman Patterson, 601-296-1137 norman.patterson@ms.usda.gov	8. NRCS Administrative Contact: Lori Baker, 859-224-7360 lori.baker@wdc.usda.gov	9. Recipient Program Contact: Lamar Rutland, 601-545-4540 lrutland@hattiesburgms.com	10. Recipient Admin Contact: Lamar Rutland, 601-545-4540 lrutland@hattiesburgms.com																																
11. CFDA Number 10.923	12. Authority Emergency Watershed Protection 7 CFR Part 624		13. Type of Action i. New Agreement																																
14. Project Director																																			
15. Project Title/Description: Emergency Watershed Protection - City of Hattiesburg, Projects 5267, 5268. Work completed by Federal Contract. Complete agreement includes this NRCS-ADS-093 (NOA) and attachments listed on page 2.																																			
16. Entity Type: ☐ Profit ☐ Nonprofit ☐ Higher Education ☐ Federal ☒ State/Local ☐ Indian/Native American Other																																			
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This agreement is subject to applicable USDA NRCS statutory provisions and Financial Assistance Regulations. In accepting this award or amendment and any payments made pursuant thereto, the undersigned represents that he or she is duly authorized to act on behalf of the awardee organization, agrees that the award is subject to the applicable provisions of this agreement (and all attachments), and agrees that acceptance of any payments constitutes an agreement by the payee that the amounts, if any found by NRCS to have been overpaid, will be refunded or credited in full to NRCS.																																			

(Continuation)

NOTICE OF GRANT AND AGREEMENT AWARD

Award Identifying Number	Amendment No.	Award/Project Period	Type of Award Instrument
68-4423-17-217	n/a	Date of Final NRCS signature - 11/26/2017	Cooperative

List of Attachments:

Statement of Work, General Terms and Conditions

Name and Title of Authorized Government Representative	Signature	Date
KURT READUS, State Conservationist		
Name and Title of Authorized Recipient Representative	Signature	Date
JOHNNY L. DUPREE, Mayor		

NONDISCRIMINATION STATEMENT

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW., Washington, DC 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

PRIVACY ACT STATEMENT

The above statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. Section 522a).

Sponsor

This action authorized at an official meeting of

_____ on the
_____ day of _____, 20____
at _____, State
of _____

(Signature)

(Title)

STATEMENT OF WORK
by and between
U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
and the
CITY OF HATTIESBURG

PROJECT: Mississippi, Emergency Watershed Protection (“EWP”) FY2017, Project #5267 and #5268 – Federal contracting.

This agreement is entered into by and between the U. S. Department of Agriculture, Natural Resources Conservation Service, hereinafter referred to as the “NRCS”, and the City of Hattiesburg, hereinafter referred to as the “Sponsor”.

I. PURPOSE

The purpose of this agreement is to provide financial and technical assistance to implement recovery measures that, if left undone, pose a risk to life and property.

II. AUTHORITY

Under the provisions of Section 216 of Public Law 81-516, Emergency Watershed Protection Program, and Title IV of the Agricultural Credit Act of 1978, Public Law 95-334, NRCS is authorized to assist the Sponsor in relieving hazards created by natural disasters that cause a sudden impairment of a watershed.

III. OBJECTIVES

The objective of this agreement is to provide financial assistance to the Sponsor to implement, through a federally awarded contract, EWP project measures to remove watershed impairments caused by the January 2016 and March 2016 storm events that are creating a serious threat to life and property. The design and installation of EWP measures are detailed in the individual damage survey report (DSRs) and listed below:

Damage Survey Report (DSR) No.	Description	Estimated Construction Cost
280351601	Campbell Loop	\$158,300.00
280351603	Old Bakery #2	\$299,000.00
280351701	River Street	\$80,650.00
280351702	In Town Suites	\$280,500.00
Total Estimated Construction Cost		\$818,450.00

A. The individual Damage Survey Report(s) ("DSR") is established through discussions between the Sponsor and NRCS. It defines the site(s), work to be completed, and estimated construction costs for this project.

B. It is agreed that the total estimated construction cost are: **\$818,450.00**. Based on this estimate:

1. NRCS will contribute Financial Assistance Funds ("FA") in the amount of **\$613,837.50** (up to 75 percent of total construction costs).
2. The Sponsor will contribute funds in the amount of **\$204,612.50** (up to 25 percent of the total construction costs).

IV. RESPONSIBILITIES OF THE PARTIES

A. THE SPONSOR WILL:

1. Provide 25 percent of the cost of constructing the EWP project measures.
2. Sponsor contacts will work closely with the NRCS in carrying out the terms and conditions of the agreement, including authority and responsibility for reviewing and approving changes in the work.
3. Comply with the applicable requirements in Attachment B, "General Terms and Conditions," of this agreement.
4. Provide certification that real property rights have been obtained by providing a completed form NRCS-ADS-78, Assurances Relating to Real Property Acquisition. Sponsors shall also provide an attorney's opinion supporting this certification.
5. Be responsible for securing all permits. It is the Sponsor's duty to confirm that all Federal, State, and local permits have been applied for and permits have been received. Sponsors shall provide copies of site maps to appropriate Federal and State agencies for environmental review. Sponsor will notify NRCS of environmental clearance, required modification of construction plans, or any unresolved concerns. The Sponsor shall transmit copies of all permits, licenses, and other documents required by Federal, State, and local statutes and ordinances to NRCS prior to solicitation of construction bids for installation of the EWP project measures.
6. All costs relative to obtaining required permits, complying with permit special conditions and permit reporting will be borne by the Sponsor. In accordance with EWP program regulations, NRCS cannot pay for these costs nor can these costs be counted as a cost-share contribution by the Sponsor.

7. Accept all financial and other responsibility for excess costs resulting from their failure to obtain, or their delay in obtaining, adequate land and water rights, permits and licenses needed for the EWP project measures.
8. Will arrange and pay for any necessary location, removal, or relocation of utilities. EWP program regulations prohibit NRCS from reimbursing the Sponsor or otherwise paying for any such costs; nor do the costs qualify as a Sponsor cost-share contribution.
9. Make payment to NRCS upon receipt of billings for allowable costs. Payments must be received within 30 calendar days from the date of billing.
10. Have sufficient funds available to meet any non-federal costs necessary to ensure completion of the approved project.
11. Upon completion of the work, assume responsibility for operation and maintenance of the EWP project measures.
12. Be responsible for ensuring their System for Award Management (SAM) registration is active throughout the life of the agreement to facilitate collection of reimbursement.
13. Assure the Department of Agriculture, by signing this agreement, that the program or activities provided for under this Agreement will be conducted in compliance with all applicable Federal civil rights laws, rules, regulations, and policies.

B. THE NRCS WILL:

1. Provide 75 percent of the costs of constructing the EWP project measures.
2. Contract for the EWP project measures in accordance with federal contracting procedures.
3. Bill the Sponsor for their 25 percent of the work described in Section III.
4. Provide authorized technical services, including but not limited to obtaining basic information; preparation of drawings, designs, and specifications; contract administration; and performance of layout, inspection, and quality assurance during performance of the work.
5. Arrange for and conduct final inspection of the completed EWP project measures with the Sponsor to determine whether all work has been performed in accordance with the contractual requirements. Accept work from the contractor and notify the Sponsor of acceptance.

C. IT IS MUTUALLY AGREED:

1. In order to contract for the measures, NRCS will provide 100 percent of construction funding up front and the Sponsor will reimburse NRCS 25 percent as outlined in Section III.B for their share of the project. This is to maintain compliance with the Anti-Deficiency Act, 31 U.S.C. 1517(a).
2. The furnishing of the administrative and technical services by NRCS is contingent upon the continuing availability of appropriations by the Congress from which payment may be made and shall not obligate NRCS if the Congress fails to so appropriate.
3. In the event of default, any additional funds required to ensure completion of the job will be provided in the same ratio as construction funds are contributed by the parties under the terms of this agreement; any excess costs collected from the defaulting contractor or their surety are to be prorated between the Sponsor and NRCS under the same ratio as the construction funds are contributed under the terms of this agreement.
4. Additional funds, properly allocable as construction costs as determined by NRCS, required as a result of a quantity variation, contract modification, or contractors claim are to be provided in the same ratio as construction funds under the terms of this agreement.
5. Employees of the Sponsor shall remain its employees while carrying their duties under this agreement and shall not be considered as Federal employees or agents of the United States for any purpose under this agreement.

V. PERIOD OF PERFORMANCE

This agreement is effective as of the date of final signature by USDA/NRCS on NRCS-ADS-093 form, Notice of Grant and Agreement Award, and continues in full force and effect through **November 26, 2017**. The agreement may be amended to extend the date.

Revised May 2016

**NATURAL RESOURCES CONSERVATION SERVICE
U.S. DEPARTMENT OF AGRICULTURE**

**GENERAL TERMS AND CONDITIONS
GRANTS AND COOPERATIVE AGREEMENTS**

I. APPLICABLE REGULATIONS

- a. The recipient, and recipients of any subawards under this award, agree to comply with the following regulations, as applicable. The full text of Code of Federal Regulations references may be found at

<https://www.gpo.gov/fdsys/browse/collectionCfr.action?collectionCode=CFR> and
<http://www.ecfr.gov/>.

- (1) 2 CFR Part 25, "Universal Identifier and System of Award Management"
- (2) 2 CFR Part 170, "Reporting Subaward and Executive Compensation Information"
- (3) 2 CFR Part 180, "OMB Guidelines To Agencies On Governmentwide Debarment And Suspension (Nonprocurement)"
- (4) 2 CFR Part 182, "Governmentwide Requirements for Drug-Free Workplace (Financial Assistance)"
- (5) 2 CFR Part 200, "Uniform Administrative Requirements, Cost Principles, And Audit Requirements for Federal Awards"

- b. The recipient, and recipients of any subawards under this award, assure and certify that they have and/or will comply with the following regulations, as applicable. The full text of Code of Federal Regulations references may be found at

<https://www.gpo.gov/fdsys/browse/collectionCfr.action?collectionCode=CFR> and
<http://www.ecfr.gov/>.

- (1) 2 CFR Part 175, "Award Term for Trafficking in Persons"
- (2) 2 CFR Part 417, "Nonprocurement Debarment and Suspension"
- (3) 2 CFR Part 418, "New Restrictions on Lobbying"
- (4) 2 CFR Part 421, "Requirements for Drug-Free Workplace (Financial Assistance)"

- c. Allowable project costs will be determined in accordance with the authorizing statute, the purpose of the award, and to the extent applicable to the type of organizations receiving the award, regardless of tier. The following portions of the Code of Federal Regulations are hereby incorporated by reference. The full text of Code of Federal Regulations references may be found at

<https://www.gpo.gov/fdsys/browse/collectionCfr.action?collectionCode=CFR> and
<http://www.ecfr.gov/>.

- (1) 2 CFR Part 200, "Uniform Administrative Requirements, Cost Principles And Audit Requirements For Federal Awards"
- (2) 48 CFR Part 31, "Contract Cost Principles and Procedures"

II. UNALLOWABLE COSTS

The following costs are not allowed:

- a. Costs above the amount authorized for the project
- b. Costs incurred after the expiration of the award including any no-cost extensions of time
- c. Costs that lie outside the scope of the approved project and any amendments thereto
- d. Compensation for injuries to persons or damage to property arising from project activities

This list is not exhaustive. For general information about the allowability of particular items of costs, please see 2 CFR Part 200, "Subpart E - Cost Principles", or direct specific inquiries to the NRCS administrative contact identified in the award.

III. CONFIDENTIALITY

- a. Activities performed under this award may involve access to confidential and potentially sensitive information about governmental and landowner issues. The term "confidential information" means proprietary information or data of a personal nature about an individual, or information or data submitted by or pertaining to an organization. This information must not be disclosed without the prior written consent of NRCS.
- b. The recipient's personnel will follow the rules and procedures of disclosure set forth in the Privacy Act of 1974, 5 U.S.C. Section 552a, and implementing regulations and policies with respect to systems of records determined to be subject to the Privacy Act. The recipient's personnel must also comply with privacy of personal information relating to natural resources conservation programs in accordance with section 1244 of Title II of the Farm Security and Rural Investment Act of 2002 (Public Law 107-171).
- c. The recipient agrees to comply with NRCS guidelines and requirements regarding the disclosure of information protected under Section 1619 of the Food, Conservation, and Energy Act of 2008 (PL 110-246), 7 U.S.C. 8791.
- d. The recipient agrees to comply with the **"Prohibition Against Certain Internal Confidentiality Agreements:"**
 1. You may not require your employees, contractors, or subrecipients seeking to report fraud, waste, or abuse to sign or comply with internal confidentiality agreements or statements prohibiting or otherwise restricting them from lawfully reporting that waste, fraud, or abuse to a designated investigative or law enforcement representative of a Federal department or agency authorized to receive such information.
 2. You must notify your employees, contractors, or subrecipients that the prohibitions and restrictions of any internal confidentiality agreements inconsistent with paragraph (1) of this award provision are no longer in effect.
 3. The prohibition in paragraph (1) of this award provision does not contravene requirements applicable to any other form issued by a Federal department or agency governing the nondisclosure of classified information.
 4. If NRCS determines that you are not in compliance with this award provision, NRCS:
 - a. Will prohibit your use of funds under this award, in accordance with sections 743 and 744 of Division E of the Consolidated Appropriations Act, 2016, (Pub. L. 114-113) or any successor provision of law;

- b. May pursue other remedies available for your material failure to comply with award terms and conditions.

IV. PRIOR APPROVAL REQUIREMENTS

The following are the most common situations requiring prior approval. However, the recipient is also bound by any other prior approval requirements of the applicable administrative provisions and Federal cost principles.

- a. Purpose or Deliverables.—When it is necessary for the recipient to modify the purpose or deliverables, the recipient must submit a written request and justification for the change along with the revised purpose or deliverables of the award to the NRCS administrative contact. The request should contain the following:
 - 1. Grant or agreement number
 - 2. Narrative explaining the requested modification to the project purpose or deliverables
 - 3. A description of the revised purpose or deliverables
 - 4. Signatures of the authorized representative, project director, or both
- b. Subcontractual Arrangement.—The recipient must submit a justification for the proposed subcontractual arrangements, a statement of work to be performed, and a detailed budget for the subcontract to the NRCS administrative contact. Subcontractual arrangements disclosed in the application do not require additional postaward approval.
- c. Absence or Change in Project Leadership.—When a project director or the person responsible for the direction or management of the project—
 - 1. Relinquishes active direction of the project for more than 3 consecutive months or has a 25 percent or more reduction in time devoted to the project, the grantee must notify the NRCS administrative contact in writing, identifying who will be in charge during the project director's absence. The notification must include the qualifications and the signature of the replacement, signifying his or her willingness to serve on the project.
 - 2. Severs his or her affiliation with the grantee, the grantee's options include—
 - i. Replacing the project director. The grantee must request written approval of the replacement from the NRCS administrative contact and must include the qualifications and the signature of the replacement signifying his or her willingness to serve on the project.
 - ii. Subcontracting to the former project director's new organization. The grantee must request approval from the administrative contact to replace the project manager and retain the award, and to subcontract to the former project director's new organization certain portions of the project to be completed by the former project director.
 - iii. Relinquishing the award. The grantee must submit to the NRCS administrative contact a signed letter by the grantee and the project director that indicates that the grantee is relinquishing the award. The letter must include the date the project director is leaving and a summary of progress to date. A final Standard Form (SF) 425 reflecting the total amount of funds spent by the recipient must be attached to the letter.

3. Transfers the award to his or her new organization, the authorized organization's representative at the new organization must submit the following to the NRCS administrative contact as soon as the transfer date is firm and the amount of funds to be transferred is known:
 - i. The forms and certifications included in the application package
 - ii. A project summary and work statement covering the work to be completed under the project (deliverables and objectives must be the same as those outlined in the approved proposal)
 - iii. An updated qualifications statement for the project director showing his or her new organizational affiliation
 - iv. Any cost-sharing requirements under the original award transfer to the new institution; therefore, cost-sharing information must be included in the proposal from the new organization

Note: The transfer of an award from one organization to another can take up to 90 days to accomplish, which may result in a delay in the project director resuming the project at the new organization.

- d. Budget Revisions.—Budget revisions will be in accordance with 2 CFR Part 200.308.
- e. No-Cost Extensions of Time.—When a no-cost extension of time is required, the recipient must submit a written request to the NRCS administrative contact no later than 30 days before the expiration date of the award. The request must contain the following:
 - The length of additional time required to complete the project and a justification for the extension
 - A summary of progress to date
 - An estimate of funds expected to remain unobligated on the scheduled expiration date
 - A projected timetable to complete the portions of the project for which the extension is being requested
 - Signature of the grantee and the project director
 - A status of cost sharing to date (if applicable)

Note: An extension will not exceed 12 months. Only in exceptional cases will more than one extension be granted. Requests for no-cost extensions received after the expiration of the award will not be granted.

V. PAYMENTS

- a. Payment by NRCS to the entity will be made monthly or quarterly (whichever is mutually agreed upon by both parties) on a reimbursable or advanced basis upon completion of work outlined herein. Payment will be executed upon the submission of a properly executed form SF-270. The SF-270 must cite the agreement number, remittance address, and billing period. The SF-270 must be sent to the NRCS administrative contact at the address identified in block 8 of the Notice of Grant/Agreement Award.
- b. Unless otherwise specified in the award, the recipient must receive payments through electronic funds transfers.

- c. Recipients requesting advances should request payments in amounts necessary to meet their current needs pursuant to procedures contained in the Federal administrative provisions and **31 CFR Part 205**.
- d. The method of payment between the recipient and its contractors will be in accordance with the policies and procedures established by the recipient except that the contractors may not use the USDA Office of Financial Management/National Finance Center method to request payments. If the grantee makes advance payments to contractors, the grantee must ensure that the timing of such payments is designed to minimize elapsed time between the advance payment and the disbursement of funds. Payment requests from the grantee's contractors will not be sent to NRCS for review or approval.
- e. Accounting records for all costs incurred under this award must be supported by source documentation. Such documentation includes, but is not limited to, canceled checks, paid bills, payroll records, and subcontract award documents. Labor cost charges to this award must be based upon salaries actually earned and the time actually worked on this award. All project costs must be incurred within the approved project period of this award, including any approved no-cost extension of time. Costs that cannot be supported by source documentation or that are incurred outside of the approved project period and budget may be disallowed and may result in award funds being returned to the Federal Government by the recipient.

VI. FINANCIAL REPORTING

- a. Recipients must submit a Federal Financial Report (FFR), SF 425 and 425A, in accordance with the following schedule (recipients may download the applicable form at <http://www.forms.gov>):

<u>Quarterly Schedule</u>	<u>Report Due Date</u>
October 1 to December 31	January 31
January 1 to March 31	April 30
April 1 to June 30	July 30
July 1 to September 30	October 30

Reports must be submitted on an accrual accounting basis. Failure to submit reports in accordance with the above schedule may result in suspension or termination of award.

- b. A final Report must be submitted no later than 90 days after the completion of the award. For final FFRs, reporting end date must be the end date of the project or agreement period. The reports should be submitted to the NRCS administrative contact identified in award notifications.

VII. PERFORMANCE MONITORING AND REPORTING

- a. The recipient is responsible for monitoring day-to-day performance and for reporting to NRCS. If the project involves subcontractual arrangements, the recipient is also responsible for monitoring the performance of project activities under those arrangements to ensure that approved goals and schedules are met.
- b. Every 6 months the recipient must submit a written progress report. Each report must cover—

1. A comparison of actual accomplishments with the goals and objectives established for the reporting period and, where project output can be quantified, a computation of the costs per unit of output.
 2. The reasons why goals and objectives were not met, if appropriate.
 3. Additional pertinent information including, where appropriate, analysis and explanation of cost overruns or high unit cost.
- c. The recipient must submit a final performance report within 90 days after completion of project.

VIII. SPECIAL PROVISIONS

- a. The recipient assures and certifies that it will comply with the minimum-wage and maximum-hour provisions of the Federal Fair Labor Standards Act.
- b. Employees of NRCS will participate in efforts under this agreement solely as representatives of the United States. To this end, they may not participate as directors, officers, employees, or otherwise serve or hold themselves out as representatives of the recipient. They also may not assist the recipient with efforts to lobby Congress or to raise money through fundraising efforts. Further, NRCS employees must report to their immediate supervisor any negotiations with the recipient concerning future employment and must refrain from participation in efforts regarding such parties until approved by the agency.
- c. Employees of the recipient will not be considered Federal employees or agents of the United States for any purposes under this agreement.

IX. PATENTS, INVENTIONS, COPYRIGHTS, AND ACKNOWLEDGMENT OF SUPPORT AND DISCLAIMER

- a. Allocation of rights of patents, inventions, and copyrights must be in accordance with 2 CFR Part 200.315. This regulation provides that small businesses normally may retain the principal worldwide patent rights to any invention developed with USDA support.
- b. In accordance with 37 CFR Section 401.14, each subject invention must be disclosed to the Federal agency within 2 months after the inventor discloses it in writing to contractor personnel responsible for patent matters. Invention disclosure statements pursuant to 37 CFR Section 401.14(c) must be made in writing to:

Acquisitions Division
Grants and Agreements Services Branch
1400 Independence Avenue, SW.
Room 6823 South Building
Washington, DC 20250

- c. USDA receives a royalty-free license for Federal Government use, reserves the right to require the patentee to license others in certain circumstances, and requires that anyone exclusively licensed to sell the invention in the United States must manufacture it domestically.

- d. The following acknowledgment of NRCS support must appear in the publication of any material, whether copyrighted or not, and any products in electronic formats (World Wide Web pages, computer programs, etc.) that is substantially based upon or developed under this award:

- “This material is based upon work supported by the Natural Resources Conservation Service, U.S. Department of Agriculture, under number [recipient should enter the applicable award number here].”

In addition, all publications and other materials, except scientific articles or papers published in scientific journals, must include the following statement:

- “Any opinions, findings, conclusions, or recommendations expressed in this publication are those of the author(s) and do not necessarily reflect the views of the U.S. Department of Agriculture.”

- e. All publications printed with Federal Government funds will include the most current USDA nondiscrimination statement, available from the Public Affairs Division, Civil Rights Division, or on the USDA and NRCS home pages. If the material is too small to permit the full nondiscrimination statement to be included, the material must, at a minimum, include the statement:

- “USDA is an equal opportunity provider and employer.” Any publication prepared with funding from this agreement must include acknowledgement to USDA, Natural Resources Conservation Service.”

The recipient is responsible for ensuring that an acknowledgment of NRCS is made during news media interviews, including popular media such as radio, television, and news magazines, that discuss in a substantial way work funded by this award.

X. COST-SHARING REQUIREMENTS

- a. If the award has specific cost-sharing requirements, the cost-sharing participation in other projects may not be counted toward meeting the specific cost-share requirement of this award, and must come from non-Federal sources unless otherwise stated in the applicable program announcement.
- b. Should the recipient become aware that it may be unable to provide the cost-sharing amount identified in this award, it must—
1. Immediately notify the NRCS administrative contact of the situation.
 2. Specify the steps it plans to take to secure replacement cost sharing.
 3. Indicate the plans to either continue or phase out the project in the absence of cost sharing.
- c. If NRCS agrees to the organization’s proposed plans, the recipient will be notified accordingly. If the organization’s plans are not acceptable to NRCS, the award may be subject to termination. NRCS modifications to proposed cost sharing revisions are made on a case-by-case basis.
- d. Failure by the recipient to notify NRCS in accordance with paragraph (b) above may result in the disallowance of some or all the costs charged to the award, the subsequent recovery by NRCS of some of the NRCS funds provided under the award, and possible termination of the

award, and may constitute a violation of the terms and conditions of the award so serious as to provide grounds for subsequent suspension or debarment.

- e. The recipient must maintain records of all project costs that are claimed by the recipient as cost sharing as well records of costs to be paid by NRCS. If the recipient's cost participation includes in-kind contributions, the basis for determining the valuation for volunteer services and donated property must be documented.

XI. PROGRAM INCOME

Income derived from patents, inventions, or copyrights will be disposed of in accordance with the recipient's own policies. General program income earned under this award during the period of NRCS support must be added to total project funds and used to further the purpose and scope of this award or the legislation under which this award is made.

XII. NONEXPENDABLE EQUIPMENT

Recipients purchasing equipment or products with funds provided under this award are encouraged to use such funds to purchase only American-made equipment and products. Title to nonexpendable equipment purchased with award funds will vest in the recipient upon completion of the award project and acceptance by NRCS of required final reports. When equipment is no longer needed by the recipient and the per-unit fair market value is less than \$5,000, the recipient may retain, sell, or dispose of the equipment with no further obligation to NRCS. However, if the per-unit fair market value is \$5,000 or more, the recipient must submit a written request to the NRCS administrative contact for disposition instructions.

XIII. LIMIT OF FEDERAL LIABILITY

The maximum financial obligation of NRCS to the recipient is the amount of funds indicated in the award as obligated by NRCS. However, in the event that an erroneous amount is stated on the approved budget, or any supporting document relating to the award, NRCS will have the unilateral right to make the correction and to make an appropriate adjustment in the NRCS share of the award to align with the Federal amount authorized.

XIV. MODIFICATIONS AND TERMINATIONS

NRCS may amend or modify the award through an exchange of correspondence between authorized officials of the recipient and NRCS. The award is subject to termination if NRCS determines that the recipient has failed to comply with the terms and conditions of the award. In the event that the award is terminated, the financial obligations of the parties will be those set forth in 2 CFR Part 200.339.

XV. AWARD CLOSEOUT

Award closeout is the process by which NRCS determines that all required project activities have been performed satisfactorily and all necessary administrative actions have been completed.



City of Hattiesburg, MS

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

FILE NUMBER: 2017-499

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Authorize payment to George Walters for a parcel o

Title: Authorize payment to George Walters for a parcel of land in Forrest County as described in Deed (attached) for the Wastewater Plant Access Road. Approve and authorize issuance of manual check in the amount of \$6,900.00 to George Walters.

Type: Action Item

Drafter: LaTasha
McDaniel, Engineering

In Control: City Council

Reference: Lamar
Rutland

Attachments: Warranty Deed, Appraisal - Walters Property, Appraisal - Oberlies Trust

File
Created: 06/13/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication
Information:

History of Legislative File

Prepared by and Return to:

Robert T. Jackson, Jr.
Jackson, Tullos & Rogers, PLLC
Post Office Box 15517
Hattiesburg, MS 39404-5517
(601) 264-3309

Grantee Address:

**City of Hattiesburg
Dept of Engineering
P. O. Box 1898
Hattiesburg, MS 39403-1898
Phone: (601) 545-4540**

Grantor Address:

**George Walters
P. O. Box 6
Laurel, MS 39441
Phone: (601) _____**

WARRANTY DEED

STATE OF MISSISSIPPI
COUNTY OF FORREST

INDEXING INSTRUCTIONS: NE ¼ SW ¼ S14, T4N, R13W

FOR AND IN CONSIDERATION of Six Thousand Nine Hundred and 00/100 Dollars (\$6,900.00) the receipt and sufficiency of which is hereby acknowledged, we, the undersigned, hereby grant, bargain, sell, convey and warrant unto the City of Hattiesburg, Mississippi, a municipal corporation, the following described land:

Initial _____

**Project No. N-S No. 12273.04
(Wastewater Plant Access Road)**

**County Tax Parcel Nos. 2-037E-14-001.00
2-037E-14-004.00**

Parcel One:

The following description is based on the Mississippi State Plane coordinate System, East Zone, NAVD 88, NAD 83/93, grid values, using a combined scale factor of 0.999969137 and a convergence angle of (-) 00 degrees 13 minutes 48 seconds developed at the **Point of Commencement**, derived from using the University of Southern Mississippi's RTK/VRS global positioning network.

Commencing at a ½ inch iron pin found at the intersection of the south line of Section 14, Township 4 North, Range 13 West, Forrest County, Mississippi, with the east right of way line of the Illinois Central Gulf Railroad, said point having a value of N:656028.25, E:846069.35 on the above referenced coordinate system, thence run along said east right of way line North 00 degrees 01 minutes 28 seconds East a distance of 1972.31 feet to the northwest corner of a certain 8.76 acre tract owned by Pine Belt Regional Solid Waste; thence along the north line of said 8.76 acre tract, North 81 degrees 05 minutes 28 seconds East a distance of 336.45 feet to a ½" rebar said point having a value of N:658052.70, E:846402.59 on the above referenced coordinate system (a chain link fence runs along this line also); thence leave said tract and run North 04 degrees 26 minutes 28 seconds West a distance of 50.15 feet; thence South 89 degrees 58 minutes 32 seconds East a distance of 52.61 feet to the southwest corner of grantor's property and the **Point of Beginning** of the parcel herein described:

From the **Point of Beginning** run thence along grantor's west property line North 08 degrees 52 minutes 32 seconds West a distance of 38.52 feet; thence leave said west property line and run North 90 degrees 00 minutes 00 seconds East a distance of 229.28 feet; thence run North 78 degrees 21 minutes 51 seconds East a distance of 124.13 feet, more or less, to the grantor's east property line; thence along grantor's east property line South 00 degrees 00 minutes 00 seconds East a distance of 63.25 feet to the grantor's southeast property corner; thence along the grantor's south property line, North 89 degrees 58 minutes 32 seconds West a distance of 344.90 feet back to the **Point of Beginning**, containing 0.34 acres, more or less, and situated in the Northeast Quarter of the Southwest Quarter of Section 14, Township 4 North, Range 13 West, Forrest County, Mississippi.

Initial _____

**Project No. N-S No. 12273.04
(Wastewater Plant Access Road)**

**County Tax Parcel Nos. 2-037E-14-001.00
2-037E-14-004.00**

Parcel Two:

The following description is based on the Mississippi State Plane coordinate System, East Zone, NAVD 88, NAD 83/93, grid values, using a combined scale factor of 0.999969137 and a convergence angle of (-) 00 degrees 13 minutes 48 seconds developed at the **Point of Commencement**, derived from using the University of Southern Mississippi's RTK/VRS global positioning network.

Commencing at a ½ inch iron pin found at the intersection of the south line of Section 14, Township 4 North, Range 13 West, Forrest County, Mississippi, with the east right of way line of the Illinois Central Gulf Railroad, said point having a value of N:656028.25, E:846069.35 on the above referenced coordinate system, thence run along said east right of way line North 00 degrees 01 minutes 28 seconds East a distance of 1972.31 feet to the northwest corner of a certain 8.76 acre tract owned by Pine Belt Regional Solid Waste; thence along the north line of said 8.76 acre tract, North 81 degrees 05 minutes 28 seconds East a distance of 336.45 feet to a found ½" rebar, said point having a value of N:658052.70, E:846402.59 on the above referenced coordinate system (a chain link fence runs along this line also); thence leave said tract and run North 04 degrees 26 minutes 28 seconds West a distance of 50.15 feet to the south line of grantor's property; run thence South 81 degrees 05 minutes 28 seconds West a distance of 336.45 feet along grantor's south property line to the southwest property corner and the **Point of Beginning** of the parcel herein described:

From the **Point of Beginning**; run thence along grantor's west property line, North 01 degrees 51 minutes 14 seconds West a distance of 90.19 feet; thence leave the property line and run North 90 degrees 00 minutes 00 seconds East a distance of 381.98 feet, more or less, to the grantor's east property line; thence along grantor's east property line South 08 degrees 52 minutes 32 seconds East a distance of 38.52 feet to the grantor's southeast property corner; thence along the grantor's south property line, North 89 degrees 58 minutes 32 seconds West a distance of 52.61 feet; run thence South 81 degrees 05 minutes 28 seconds West a distance of 336.45 feet along grantor's south property line back to the **Point of Beginning**, containing 0.54 acres, more or less, and situated in the Northeast Quarter of the Southwest Quarter of Section 14, Township 4 North, Range 13 West, Forrest County, Mississippi.

For the same consideration, the undersigned, does hereby grant, bargain, sell, convey and warrant unto the City of Hattiesburg, Mississippi, a municipal corporation for public improvements, grading, sodding and other construction purposes a temporary easement through, over, on and across the following described land:

A ten foot wide temporary construction easement lying north of and parallel to the north line of the above described tract, referred to as Parcel Two, to terminate upon the completion of the road construction project requiring the acquisition of the above tract, also known as Parcel Two.

Initial _____

**Project No. N-S No. 12273.04
(Wastewater Plant Access Road)**

**County Tax Parcel Nos. 2-037E-14-001.00
2-037E-14-004.00**

It is understood and agreed, and it is the intention of the parties hereto, that the grantee shall have the right to use, occupy, improve, grade, sod, ditch, drain and otherwise use for construction purposed the above described temporary easement only so long as is necessary to complete the construction of said Right of Way in accordance with the plans and specifications for said project, said plans and specifications however, being subject to change by the Federal Highway Administration. Upon the completion of the said work of construction the said temporary easement shall terminate and all right, title and interest in and to the above described land shall revert to the grantors herein, their heirs, assigns, legal representatives or grantees.

The Grantor herein further warrants that the above described property is no part of his homestead.

It is further understood and agreed that the consideration herein named is in full, complete and final payment and settlement of any claims or demands for damage accrued, accruing, or to accrue to the Grantor herein, his heirs, assigns, or legal representatives, for or on account of the construction of the proposed project, change of grade, water damage, and/or any other damage, right or claim whatsoever.

It is further understood and agreed that this instrument constitutes the entire agreement between the Grantor and the Grantee, there being no oral agreements or representations of any kind.

WITNESS THE SIGNATURE of the Grantor on this, the ____ day of _____, A.D., 2017.

Signature: _____
George Walters

STATE OF MISSISSIPPI
COUNTY OF _____

PERSONALLY APPEARED BEFORE ME, the undersigned authority in and for the said county and state, on this _____ day of _____, 2017, within my jurisdiction, the within named **George Walters**, who acknowledged that he executed the above and foregoing instrument as his free and voluntary act and deed.

NOTARY PUBLIC

My Commission Expires:

Initial _____

**Project No. N-S No. 12273.04
(Wastewater Plant Access Road)**

**County Tax Parcel Nos. 2-037E-14-001.00
2-037E-14-004.00**

Initial



Page 5 of 6

Initial _____



Page 6 of 6

APPRAISAL REVIEW REPORT

Parcel Number(s)	TRS 1-2 Rev. (PPIN 026827; 828; 825)
Owner	George Walters
Occupied / Leased	Occupied
County	Forrest
Project Number	N-S No. 12273.04 (Wastewater Plant Access Road)
FAP Number	
Project Description	Wastewater Plant Access Road
Effective Date of Review Report	8/26/2015
Review Report Date	9/01/2015
Review Report Requested for	Original Appraisal

Prepared For

City of Hattiesburg Mayor and Board of Alderman

C/O: Jackson & Arrington
Attn: Robert T. Jackson, Jr.
309 South 40th Avenue
Hattiesburg, MS 39402

This Appraisal Review Report Was Prepared By
John B. "Jeb" Stewart, SR/WA
State Licensed Certified General Real Estate Appraiser # 231
3340 North Liberty Street, Canton, MS 39046

Possession of this report does not carry or imply a right of use and/or publication. This real property appraisal review report is the property of The city of Hattiesburg and may not be utilized or cited in whole or in part without the express written consent of an authorized agent or official of the city of Hattiesburg.

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Appraisal Review of Fair Market Value

Identification of the Appraisal Report Under Review	
Owner:	George Walters
Parcel No:	TRS 1-2 Rev. (PPIN 026827; 828; 825)
Project No:	N-S No. 12273.04 (Wastewater Plant Access Road)
County:	Forrest

Identification of Client and Intended Users

The city of Hattiesburg requested an appraisal review of the property described in this report. The intended user of this appraisal review report is the city of Hattiesburg and such employees or agents authorized by the city of Hattiesburg to utilize the information contained herein.

Intended Use of the Appraisal Review Report

The opinions, reasons, and conclusions contained in this appraisal review report approve or recommend an estimate of just compensation, contained in the appraisal report under review, as prescribed under the laws of the State of Mississippi, payable for the acquisition of specified real property rights, being acquired for public use. The estimate of just compensation approved or recommended in this appraisal review report includes the fair market value of the property, damages to the remaining property, if any, and such curative costs as are permitted by the Laws of the State of Mississippi and serves as the basis for the establishment of the amount believed to be just compensation for the acquisition of the "real property" described herein

Fair Market Value Defined

Fair Market Value as defined in the appraisal report under review is "the most probable price, as of a specified date, in cash, or in terms equivalent to cash, or in other precisely revealed terms, for which the specified property rights should sell after reasonable exposure in competitive market under all conditions requisite to a fair sale, with the buyer and seller each acting prudently, knowledgeably, and for self-interest, and assuming that neither is under undue duress".

Does this acquisition involve relocation assistance?

☐ Yes

☒ No

The basis for this estimate is: ☒ Sales Comparison Approach

☐ Cost Approach

☐ Income Approach

Appraisal Effective Date: 8/19/2015

Report Date: 8/28/2015

Appraisal By: George W. Null, Jr., MAI, GA-231

Other Appraisals By:

Date:

Remainder:

Uneconomic Remnant

☐ Yes

☒ No

Estate Appraised and Under Review

☒

Fee

Area of Whole Tract

2.73 acres

☐

Easement

Area of Remaining Tract

2.19 acres

☐

Other

Area to be Acquired

0.54 acres

The appraisal report considered under this appraisal review is:

☐ **Accepted** (meets all requirements but is not selected as recommended or approved)

☐ **Not Accepted** (refer to reviewer's comments and conclusions)

☒ **Recommended** (as the basis for the establishment of the amount believed to be just compensation)

☐ **Approved** (as the basis for the establishment of the amount believed to be just compensation)

Parcel No. TRS 1-2 Rev. (PPIN 026827; 828; 825;) Project No. N-S No. 12273.04 (Wastewater Plant Access Road)

Purpose of the Review Report	<i>Evaluate compliance with relevant USPAP, client requirement, and applicable regulations. If purpose of the assignment includes the development of the reviewer's opinion of value, then state whether the reviewer concurs or differs with the opinion of value under review.</i>
The purpose of this appraisal review report is to provide the client, The city of Hattiesburg, with a recommended estimate of just compensation to be used as the basis for the establishment of the amount believed to be just compensation for the acquisition of real property rights defined in the appraisal report under review. It has been prepared to reach a final conclusion as to the reliability of the value presented. In addition, the purpose of this review is to assure that the appraisal under review meets the requirements of the City of Hattiesburg, the Mississippi Department of Transportation, the Federal Highway Administration, and the <i>Uniform Appraisal Standards for Federal Land Acquisitions (UASFLA)</i>, which are compatible with standards and practices of the current edition of the Appraisal Foundation's <i>Uniform Standards of Professional Appraisal Practice (USPAP)</i>, except to the extent that adherence to requirements of the Uniform Act, (P.L. 91-646, as amended, 42 U.S.C §4601, et seq. 49 CFR Part 24) required invocation of the USPAP Jurisdictional Exception Rule in certain instances, so as to conform with over-riding federal law relating to the valuation of real estate for government acquisition purposes.	

Scope of Work of the Review Report	<i>(State the nature, extent, and detail of the review process)</i>
The process of this review involved both a field inspection of the property appraised, field inspection of applicable comparable sales used, and a desk review of the appraisal report itself. The desk review involved verification that the appraisal report is in compliance with the requirements and needs of the City of Hattiesburg, the Mississippi Department of Transportation, Mississippi State Law, regulations promulgated by the Federal Highway Administration, and the Uniform Standards of Professional Appraisal Practice. Also, the desk review is to assure that acceptable appraisal practice and techniques have been followed; proper data has been considered and explained, and that there are no relevant errors or mistakes in the report that would have an effect on the value or mislead the client. In regards to this review, Standards Rule 3-3(a-c) states: (a) When necessary for credible assignment results in the review of analyses, opinions and conclusions, the reviewer must: (i) Develop an opinion as to whether the analyses are appropriate within the context of the requirements applicable to that work. (ii) Develop an opinion as to whether the opinions and conclusions are credible within the context of the requirements applicable to that work; and (iii) Develop the reasons for any disagreement. (b) When necessary for credible assignment results in the review of a report, the reviewer must: (i) Develop an opinion as to whether the report is appropriate and not misleading within the context of the requirements applicable to that work; and (ii) Develop the reasons for any disagreement. (c) When the scope of work includes the reviewer developing his or her own opinion of value, review opinion, or real property appraisal consulting conclusion, the reviewer must comply with the Standard applicable to the development of that opinion. (i) The requirements of STANDARDS 1, 6, 7, and 9 apply to the reviewer's opinion of value for the property that is the subject of the appraisal review assignment. (ii) The requirements of STANDARD 3 apply to the reviewer's opinion of quality for the work that is the subject of the appraisal review assignment.	

Additions or Changes to the Scope of Work and Comments <i>(If necessary)</i>	<i>Describe the nature, extent and detail of the field/desk review or any other additional scope of work.</i>
NA	

Effective Date and Subject of the Review Report	State the effective date of the opinion of the work under review, and the subject of an appraisal review assignment (i.e., all or part of an appraisal report, work file, or a combination of both)
The effective date of this appraisal review report is 8/26/2015; the date the subject and related comparable sales were inspected by review. The appraisal under review has been developed in compliance with USPAP Standard Rule 1 and reported in compliance with Standard Rule 2-2(a) as a Appraisal Report. The appraiser has invoked USPAP's Jurisdictional Exception provision in regards to Standard Rules 1-3(a), 1-4(f), 2-2(a)(v), 2-2(a)(viii). Jurisdictional Exception is claimed based upon state law (Miss Code, Sec. 65-1-8) and federal laws and regulations (Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 and "The Uniform Appraisal Standards for Federal Land Acquisitions"). A Appraisal Report is based upon the depth of analysis presented. Based on the data presented in the report under review along with reference to the Market Data Books, the appraisal report under review is considered to be a Appraisal Report.	

Ownership Interest Appraised in the Report Under Review	
Fee Simple	

Summary of Approaches			
	Before Value	After Value	Difference
Sales Comparison Approach	\$24,570	\$19,710	\$4,860
Cost Approach			
Income Approach			

Description of the Property Under Review	(Size - Before, After and Acquisition; Improvements; Location of acquisition; etc..)
The subject property is located at the intersection of Faulkner Street and Gulfport Street within the city limits of Hattiesburg. The property location is more specifically described as being in the NE ¼ SW ¼ , Section 14, T4N, R13W, Forrest County, Hattiesburg, MS. The subject property consists of three (3) separate tax parcels containing an aggregate of 2.73 acres±. The area of the total tract was obtained from tax records and assumed to be accurate. Note; a survey of the total property was not provided. The subject property is somewhat rectangular in shape with 400 lf of frontage along Faulkner Street with a depth of approximately 400 lf along Gulfport Street. The property is located within the city limits of Hattiesburg; hence, enjoys all city amenities to include public sewer; police and fire protection; as well as use restrictions or zoning. Typical utility easements can be found on the property to include utility easements along the roadways which do not affect the use and enjoyment of the property. The property is currently zoned A-1; General Agricultural District. The purpose of this District is to encourage and protect such uses from urbanization until such is needed and a change in classification is made. The area of the subject property is industrial in nature with the new industrial park being 3-4 miles SW of the subject property and the properties in the immediate vicinity of the subject property being utilized for quasi-public uses or public uses such as the sewage lagoon; garbage weigh station; public park; and for rubbish disposal by the city of Hattiesburg. The properties west of the subject is zoned I-1 as well as the properties south of Burkett's Creek with uses between the subject and Burkett's Creek being some type of quasi-public use. The subject property is currently being utilized for storage of salvage demo materials consisting of broken re-enforced concrete blocks; salvaged asphalt crushed pavement; and by-product of the portions of these salvage	

Parcel No. TRS 1-2 Rev. (PPIN 026827; 828; 825;) Project No. N-S No. 12273.04 (Wastewater Plant Access Road)

materials not useable for construction projects. The use of the subject property is consistent with the surrounding uses; which is similar to a use found on a Heavy Industrial Site. It is noted; the subject property is currently zoned Agricultural by the city of Hattiesburg with the current use being a legal non-conforming use. Other uses allowed under this zoning would be for utilities such as those uses previously described.

The topography of the subject property is level being even with the grade of the roadway with piles of salvage materials and waste piles being as high as a few feet to as much as ten (10) to fifteen (15) feet in height. It was noted, an older small cemetery 30' X 50' is located along the southeastern portion of the subject property; which restricts development of this small area. This area is fenced. The area of the subject is within flood zone AE; 100 year flood zone. The appraiser considered the total tract, 2.73 acres more or less, and additional 0.62± acres off the adjoining property to the east for a total of 3.35 acres as the "larger parcel" for appraisal purposes. The larger parcel was created via a special instruction by the client or city of Hattiesburg to utilize an extraordinary assumption this area would be purchased by the subject owner from the adjoining property at the same time as the acquisition of the proposed ROW. The highest and best use of the subject property "as is" as well as the area considered the larger parcel is Heavy Industrial.

The acquisition area consists of 0.54 acres more or less along the southern property boundary adjacent to Faulkner Road with a width varying from 90 feet along the western boundary to just over 38.5 feet along the eastern property line just south of the previously mentioned cemetery. There appears to be a small amount of both waste material and salvage materials within the proposed ROW which could easily be moved during the construction process and have little to no contributory value to the site as well as a clear area utilized as a staging area for the equipment utilized in the operation of converting the salvage materials into usable materials for various construction projects.. The acquisition area is to be acquired in fee simple.

The remainder of the area of the subject property's larger parcel 2.81 acres more or less with the remainder of the subject property being 2.19± acres. This area was not considered to be adversely affected; hence, it is similar in the after condition as in the before. The purpose of the extraordinary assumption to include an additional 0.62 acres adjacent to the subject property as part of the larger parcel is for a staging area to crush the salvaged materials due to the existing staging area being within the acquisition area. If the extraordinary assumption proves true; there would be no adverse effects to the remainder and the highest and best use would remain the same or a Heavy Industrial use.

Comments	<i>State all known pertinent information sufficient for the client and intended users to adequately understand the rationale for the reviewer's opinion and conclusions.</i>
This is a "land only" appraisal for all practical purposes in which the appraiser analyzed four (4) land sales for the valuation of the land within the Sales Comparison Approach. The Jurisdictional Exception Rule has been invoked and explained. It is this reviewer's understanding that this does not affect the development of the report and Departure from USPAP Standards Rule 1 has not occurred. Also, the appraiser has met the requirements of a property owner contact. The owner was contacted and accompanied the appraisers on the initial property inspection. The owner was also given a ROW Acquisition Guide and also other materials related to the property. In the valuation of the subject property, the appraiser utilized four (4) sales ranging in size from 2.0 acres to 12.50 acres and ranging in value from \$4,800 per acre to \$16,360 per acre. The appraiser directly analyzed three (3) of the four (4) sales and applied adjustments as deemed necessary and arrived at an indicated adjusted range of values for the subject property from a low of \$4,800 per acre to as high as \$9,816 per acre. The sale not directly analyzed was the sale of the subject at \$9,158 per acre being the most recent sale available having occurred in 8/14. For the purpose of this appraisal, the upper end of the adjusted range of value was adopted, or \$9,000 per acre; which is closely supported by the sale of the subject property. Hence, the indicated value of the subject property is then <u>\$24,570</u>. The indicated value of the larger parcel considering the extraordinary assumption would be \$30,150. In the after condition, the remainder was considered essentially the same as in the before condition (considering the extraordinary assumption) with the same unit value adopted or \$9,000 per acre for an indicated value of the	

remainder consisting of 2.19 acres at \$19,710 with the value of the remainder of the larger parcel of \$25,290.

The difference or estimate Just Compensation is then \$4,860.

The difference or estimated Just Compensation is the same for the subject property and the area considered the larger parcel. Note; if the additional area is not purchased or acquired by the subject owner, the appraisal will need to be revised to consider a cost to cure to replace the staging area within the boundaries of the subject property remainder consisting of 2.19 acres.

The only project number available that I was aware was the N-S Project No. or 12273.04

Conclusion	<i>Address the completeness of the material under review, adequacy and relevance of the data, appropriateness of the appraisal methods and techniques, and the appropriateness and reasonableness of the work under review, and state any disagreements. (State the opinions, reasons, conclusions required in SR 3-1(d-g) given the scope of work defined)</i>
As this is a partial acquisition from a "land only" property, the appraiser completed a total before and after appraisal of the subject site within the Sales Comparison Approach. The appraiser has properly applied the Sales Comparison Approach for the valuation of the subject site. The appraiser adopted the Sales Comparison Approach as it was considered the best estimate of value. The adopted value is adequately supported by market data and any adjustments were explained. The appraiser has provided adequate information as to the reasoning for his conclusions reached in this report. The value opinion stated in the report under review was developed in compliance with the applicable standards and requirements. I accept and recommend the appraisal report for use by the City of Hattiesburg. The final estimate of due compensations is \$4,860.	

The estimate of just compensation, which includes fair market value of the property, damages to the remaining property, if any, and such curative costs as are permitted by the Laws of the State of Mississippi, is \$4,860 and is recommended as the basis for the establishment of the amount believed to be just compensation.

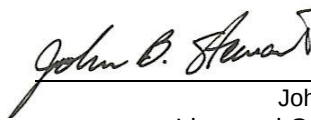
The recommended estimate of just compensation includes the following amounts compensable under State Law but not eligible for Federal reimbursements: (if none, state "none") none

Recommended Distribution of Final Estimate of Value

Parcel	Land	Improvements	Damages	Total
TRS 1-2 Rev.	\$4,860	\$0	\$0	\$4,860
Total: Four Thousand Eight Hundred Sixty Dollars				

Date
9/01/2015

Review Appraiser



John B. "Jeb" Stewart, SR/WA
State Licensed Certified General Real Estate Appraiser # 231

Parcel No. TRS 1-2 Rev. (PPIN 026827; 828; 825;)

Project No. N-S No. 12273.04 (Wastewater Plant Access Road)

Review Appraisal Report (Revised: 2014)

Assumptions and Limiting Conditions

This appraisal review is subject to the following underlying assumptions and limiting conditions:

1. This review is of the property described in this report.
2. The reviewer has made no survey of the property and assumes that the areas and dimensions shown herein are correct. Any sketch or identified survey of the property included in this report is the only for the purpose of assisting the reader in visualizing the property.
3. The reviewer assumes that the proposed project will be constructed in accordance with plans provided to reviewer and within established proposed right-of-way limits except as when needed construction easements, either temporary or permanent in nature. Reviewer reserves the right to make changes or additions to this review when necessary if notified of any change, additions, or alterations in plans provided.
4. This review incorporates the assumptions and limiting conditions of the appraisal report under review and is based upon information, estimates, and opinions that were expressed in the appraisal report as well as other sources considered being reliable and believing them to be true and correct. The reviewer does not assume responsibility for the accuracy of such items that were furnished by other parties.
5. Possession of this report does not imply the right of publication and it may not be used without the consent of the city of Hattiesburg.
6. If relevant information or errors come to the attention of the review, the reviewer reserves the right to change and revise valuations in this report.
7. This report is to be used in its entirety. The reviewer is not responsible if any part of this report is used to the exclusion of the remainder.
8. The reviewer will not disclose the contents of this review or appraisal report, except as provided for in the Uniform Standards of Professional Appraisal Practice.
9. Reviewer assumes the property to be free and clear of any and all hazardous waste and material or environmental contaminants. Unless otherwise stated in the appraisal report, the reviewer has no knowledge of any hidden or unapparent conditions of the property or adverse conditions (including the presence of hazardous wastes, toxic substances, etc.) that would make the property more or less valuable, and has assumed that there are no such conditions and makes no guarantees or warranties, express or implied, regarding the condition of the property. The reviewer will not be responsible for any such conditions that do exist or for engineering or testing that might be required to discover whether such conditions exist. Because the reviewer is not an expert in the field of environmental hazards, the review report must not be considered an environmental assessment of the property.

There are no additional assumptions and limiting conditions applicable to this review appraisal.

NA

Certificate of Review Appraiser

I certify that, to the best of my knowledge and belief:

The facts and data reported by the review appraiser and used in the review process are true and correct.

The analyses, opinions, and conclusions in this review report are limited only by the assumption and limiting conditions stated in this review report, and are my personal, unbiased professional analyses, opinions, and conclusions. The recommended estimate of just compensation has been reached independently based on appraisal(s) and other factual data or record without collaboration.

I have no present or prospective interest in the property that is the subject of this report and I have no personal interest or bias with respect to the parties involved. I have no bias with respect to the property that is the subject of this report or to the parties involved with this assignment.

My engagement in this assignment was not contingent upon developing or reporting predetermined results and my compensation is not contingent on the analyses, opinions, or conclusions reached or reported.

The real property appraisal review documented in this appraisal review report was completed in accordance with the requirements of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (42 USC 4601 et seq.), and requirements for appraisal review as outlined in 49 CFR 24, Subpart B, dated January 4, 2005. To the extent appropriate under the Laws of the State of Mississippi, the real property appraisal review documented in this appraisal review report was completed in conformity with the Uniform Appraisal Standards for Federal Land Acquisitions (UASFLA), which are compatible with standards and practices of the Appraisal Foundation's Uniform Standards of Professional Appraisal Practice (USPAP), except to the extent that compliance with the Uniform Act, 49 CFR 24, and the UASFLA required invocation of the (USPAP) Jurisdictional Exception Rule in certain instances, so as to conform with the over-riding federal law relating to the valuation of real estate for government acquisition purposes.

I did personally inspect the subject property of the work under review, and I did personally inspected the market comparables sited in the appraisal report under review, and I did not personally verify the factual data presented in the appraisal report under review.

I understand that this estimate may be used in connection with Federal Aid Highway Project.

Unless expressly stated otherwise in this report, no one provided significant professional assistance to the review appraiser signing this review report.

The value estimate is based on the assumption that the property is not negatively affected by the existence of hazardous substances or detrimental environmental conditions unless otherwise stated in this report. The reviewer is not an expert in the identification of hazardous substances or detrimental environmental conditions. The reviewer's routine inspection of and inquiry about the subject property did not develop any information that indicated any apparent significant hazardous substances or detrimental environmental condition which would affect the property negatively unless otherwise stated in the report. It is possible that tests and inspections made by a qualified hazardous substances or environmental expert would reveal the existence of hazardous substances or detrimental environmental conditions on or around the property that would negatively affect its value. The reviewer reserves the right to make necessary adjustments, if needed, in this report of any hazardous substances or detrimental environmental conditions are discovered on or around the property being appraised. The review process has been made with the assumption that the appraised property and other properties around the appraised property are free and clear of any hazardous substances or detrimental environmental conditions.

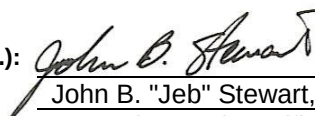
I have not performed any services regarding the subject property by the appraiser within the three (3) year period immediately preceding acceptance of the assignment, as an appraiser or any other capacity;

Based upon my independent review of the attached appraisal report and the exercise of my professional judgment, the recommended estimate of just compensation is \$4,860.

Review Appraiser (sig.):

(print name)

(license)



John B. "Jeb" Stewart, SR/WA

State Licensed Certified General Real Estate

Appraiser # 231

Date: 9/01/2015

Parcel No. TRS 1-2 Rev. (PPIN 026827; 828; 825;)

Project No. N-S No. 12273.04 (Wastewater Plant Access Road)

Review Appraisal Report (Revised: 2014)

**REAL PROPERTY APPRAISAL REPORT
of
LAND**

Owner George Walters
Parcel No. TRS 1-2 Rev
Occupied / Leased Owner Occupied
County Forrest
Project Description Wastewater Plant Access Road Project
Effective Date of the Appraisal 08/19/2015
Report Date 08/28/2015
Report Requested for Appraisal

This Appraisal and Appraisal Report Was Prepared By

**Collins and Null Appraisals, Inc.
6760 US Highway 98, Suite 2
Hattiesburg, MS 39402**



6760 US Hwy 98, Suite 2 Hattiesburg, MS 39402
601-271-9044 (T) 601-271-9099 (F)

Prepared For:

City of Hattiesburg

**C/O: Rob Jackson
Jackson & Arrington, PLLC
309 South 40th Avenue
P.O. Box 15517**

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Narrative Appraisal Report

Parcel No.	TRS 1-2 Rev	Project No. (new)	
FAP No.		Project No. (old)	
County	Forrest		
Owner(s):	George Walters	Address:	P.O. Box 6
Phone:	601-580-1198 (Justin Walters)		Laurel, MS 39441
Occupant(s):		Address:	
Phone:			

Estate Appraised:	☒	Fee	Area of Whole Tract	2.73 +/- acres
	☐	Easement	Area of Remaining Tract	2.19 +/- acres
	☐	Other	Area to be Acquired	0.54 acres

Within the scope of the assignment and consistent with USPAP Standard Rules 1 and 2-2, the following analyses, opinions and conclusions have been developed and are reported in this appraisal report. Within the Scope of Work which is described in more detail later in this report, it may be necessary to invoke the Jurisdictional Exception Rule of the USPAP in certain instances so as to maintain conformity with the Uniform Appraisal Standards for Federal Land Acquisitions, and compliance with certain laws of the State of Mississippi, and certain Federal Regulations promulgated pursuant to The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, P.L. 91-646, as amended, 42 U.S.C §4601, et seq., and regulations promulgated pursuant thereto found at 49 C.F.R. Part 24.

Property Owner Contact Record

Subject Property Inspection Dates: 08/19/2015

The property owner or their designated representative **was** offered an opportunity to accompany the appraiser performing this appraisal during the appraisal inspection of the property.

Contact Comments			
George Null met with George and Justin Walters on 08/21/15. We discussed the property, the acquisition area, the concrete rubble onsite and the concrete crushing process. Mr. Walters stated he bought the property one year ago for \$25,000. He said it was worth more than that to him, although if he were able to acquire some additional property from the rear the acquisition would not be as detrimental. We passed this information on to the attorney and engineer. The engineer, Mike Essary met with property owner and they discussed a solution, where Mr. Walter's would receive a 0.62 acre parcel in exchange for his 0.54 acre parcel. This solution was later listed in the extraordinary assumption's section of this report. We met with Mike Essary on 8/26/15 at our office and discussed the 0.62 acre area and obtained a plat of this area. This plat is found later in this report.			
Is the Property being Leased or Rented? ☐ Yes ☒ No			
Lessor:		Lessee:	
Terms of Lease:			

Appraiser:		
(signature)		Date: <u>08/28/2015</u>
(print name)	George W. Null, Jr.	
(license type)	State Licensed Certified General Real Estate Appraiser	
	# GA-679	

Summary of Facts and Findings

Project No. TRS 1-2 Rev	Parcel No. 2-037E-14-004.00 or PPIN No. 26825
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Property Owner: George Walters Address: P.O. Box 6 Laurel, MS 39441 Phone: 601-580-1198 (Justin Walters)	Leasehold (Tenants) Address: Phone:
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Identification of the Property Appraised:	<i>Brief description of property identification, such as Section, Township, Range, Lot and Block, Street Address, etc.</i>
The subject property is used as a "rubble" pit or salvaged concrete storage area. The owner is in the demolition and road construction business. He utilizes this site for storage and processing (crushing) the concrete due to its remote (low impact) location. It is located in Block 14, in the Northeast ¼ of the Southwest ¼ of Section 14, Township 4 North, Range 13 West, Forrest County, MS. This is near the Hattiesburg Waste Water Treatment Plant.	
Estate Appraised:	<i>(Fee, Easement, Other)</i>
Fee Simple	

Size of the Whole Tract (Before):	2.73+/- acres
Size of the Remaining Parcel (After):	2.19+/- acres
Size of the Area to be Acquired:	0.54 acres

Highest and Best Use Before (Whole Tract):	Industrial (storage facility or quasi-governmental uses such as: land field, sewer treatment facility, or other waste related uses)
Highest and Best Use After (Whole Tract):	Industrial (storage facility or quasi-governmental uses such as: land field, sewer treatment facility, or other waste related uses)
Size of the Larger Parcel(s) <i>(If different from the Whole Tract)</i>	
Highest and Best Use of the Larger Parcel(s)	Industrial (storage facility or quasi-governmental uses such as: land field, sewer treatment facility, or other waste related uses)
Unit Value of the Land (Before)	\$9,000/Acre
Unit Value of the Land and Improvements (Before)	N/A
Unit Value of the Land (After)	\$9,000/Acre
Unit Value of the Land and Improvements (After)	N/A
Improvements: The property is currently used as a stockyard or rubble pit for salvaged concrete. There are no improvements for the property.	<i>(Briefly describe the improvements, such as, single family house, shed, barn, etc.)(List any personal property not covered in the appraisal report.)</i>

Total Before Value:	\$24,570
Total After Value:	\$19,710
Just Compensation:	\$4,860

Allocation of Compensation for All interest: <i>(List all interest such as Q interest, Temporary Easements, Warranty Deeds, etc.)</i>				
Project Parcel Numbers	Land	Improvements	Damages	Total
TRS 1-2 Rev	\$4,860	\$0	\$0	\$4,860

Effective Date of the Appraisal:	08/19/2015
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Date of Report:	08/28/2015
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Certificate of Appraiser

I certify that, to the best of my knowledge and belief:

The statements of fact contained in this report are true and correct;

Collins and Null Appraisals, Inc. has not appraised this property within the last three years.

The reported analyses, opinions, and conclusions are limited only by the reported assumptions and limiting conditions, and legal instructions and are my personal, impartial, and unbiased professional analyses, opinions, and conclusions;

I have no present or prospective interest in the property appraised and no personal interest or bias with respect to the parties involved;

Neither my engagement or my compensation for completing this appraisal assignment was contingent upon my developing or reporting a predetermined result, predetermined value or direction in value that favors the cause of the client, the amount of the value opinion, the attainment of a stipulated result, or the occurrence of a subsequent event directly related to the intended use of this appraisal;

The real property appraisal documented in this appraisal report was completed in accordance with the requirements of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (42 USC 4601 et seq.), and requirements for appraisals as outlined in 49 CFR 24, Subpart B, dated January 4, 2005. To the extent appropriate under the Laws of the State of Mississippi, the real property appraisal documented in this appraisal report was completed in conformity with the Uniform Appraisal Standards for Federal Land Acquisitions (UASFLA), which are compatible with standards and practices of the Appraisal Foundation's Uniform Standards of Professional Appraisal Practice (USPAP), except to the extent that compliance with the Uniform Act, 49 CFR 24, and the UASFLA required invocation of the (USPAP) Jurisdictional Exception Rule in certain instances, so as to conform with the over-riding federal law relating to the valuation of real estate for government acquisition purposes.

This appraisal conforms with the appropriate State laws, regulations, policies, and procedures applicable to the appraisal of rights of way for highway purposes;

Unless expressly stated otherwise in this report, I made a personal inspection of the property appraised and the property owner, or his/her designated represented, was given the opportunity to accompany me on the inspection;

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;

No one provided significant professional assistance to me in the performance of this appraisal except for the following named individuals: None

Unless expressly stated otherwise in this report, no one provided significant professional assistance to me in the performance of this appraisal;

I have not revealed the findings and results of this appraisal report to anyone other than the proper officials of the City of Hattiesburg, and I will not do so until authorized by the client or until required by law.

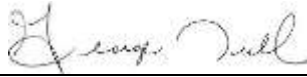
Based upon my independent appraisal and the exercise of my professional judgment, it is my opinion that the valuation of the subject property is as follows:

Fair Market Value of the Whole Tract (as defined in this report)	Before	<u>\$24,570</u>
Fair Market Value of the Remainder Property	After	<u>\$19,710</u>
The difference between the Fair Market Value of the whole tract and the remainder is		<u>\$4,860</u>

as of 08/19/2015, and is my opinion of just compensation, for the acquisition of the real property rights described in this appraisal report.

Date **08/28/2015**

Appraiser (sig.)



(name)

George W. Null Jr.

(License)

State Licensed Certified General Real Estate Appraiser
GA-679

Appraisal Scope of the Work

Identification of Client and Intended Users

The City of Hattiesburg has requested appraisal of the property described in this report. The intended user of this appraisal report is the City of Hattiesburg and such employees or agents authorized by the City of Hattiesburg to utilize the information contained herein.

Intended Use of the Appraisal Report

The facts, analyses, opinions, and conclusions contained in this appraisal report establish an estimate of just compensation, as prescribed under the laws of the State of Mississippi, payable for the acquisition of specified real property rights, being acquired for public use. The estimate of just compensation in this appraisal report includes the fair market value of the property, damages to the remaining property, if any, and such curative costs as are permitted by the Laws of the State of Mississippi, and, upon determination by appraisal review that this appraisal report complies with all applicable standards and requirements, serves as the basis for the establishment of the amount believed to be just compensation for the acquisition of the “real property” described herein.

Purpose of the Appraisal

The purpose of the appraisal is to render an opinion as to the Fair Market Value of specified real property as of the stated date and, through application of the Before and After Rule as prescribed under the laws of the State of Mississippi, the valuation of the remainder of specified real property. The difference between these two valuations is the value being sought by the client and is reported to the client as the “opinion of just compensation”.

Parameters of Data Search

The scope of the assignment is to collect and verify as completely as possible, comparable sales, and rentals, if applicable, from within the subject area, or other areas that, in the opinion of the appraiser, are reasonably comparable to the subject area, so that a value conclusion may be derived.

Sources of the data, utilized for this appraisal, include county deed records, real estate brokers, real estate appraisers, and other individuals knowledgeable in the local real estate market and, as applicable and appropriate, other individuals knowledgeable in specific types of property. One or more of the principals involved in the transactions, grantor, grantee, attorney, financier, broker of the transaction, or their representatives, have verified the market sales used in this report. Mississippi is a non-disclosure State. Other than the recording of a deed, there is no legal requirement for grantors, grantees, or other parties to a transaction, to disclose any information relative to the transfer of real property. Since there is no legal requirement for the deed to include the transaction price when it is recorded, it is possible that there are transactions for which purchase price data could not be obtained.

Extent of Property Inspection

Per the **USPAP Scope of Work Rule**, “*The report must contain sufficient information to allow intended users to understand the scope of work performed*”. The extent of the subject property inspection, including interior and exterior areas, is required content of the appraisal report per the USPAP scope of work rule and per guidance from the FHWA regarding requirements for scope of work. The “extent of the inspection process” includes, but is not limited to: a declaration as to the part or parts of the property that were actually viewed or not viewed during the inspection; for structures and other improvements, whether such items were physically measured by the appraiser, whether interior and/or exterior inspection was performed for each item, and a declaration regarding the level of detail associated with the inspection of tangible property. The following is a description of the extent of the inspection performed on the subject property for this appraisal assignment

George Null inspected the property on 08/19/2015. Old Property boundary staking was present in some cases and missing in others. We used the existing staking and plats to determine the approximate location of the property being acquired. We recommended the property be re-staked, which was done on August 27th, 2015. We re-inspected the site and observed the exact location of the right-of-way. The photographs found later in this report, document both of these inspections. .

Valuation Process

The data obtained is to be analyzed, when appropriate, via the Cost, Income, and Sales Comparison Approaches to Value, with appropriate support for any adjustments made and the value conclusions. The values derived via these three approaches, if applied, are then reconciled into final opinions of value for the subject property for both the before condition and after condition, respectively. The just compensation opinion thus derived by this process encompasses the value of the partial acquisition, improvements within the acquisition, damages to the remainder (if any), including any curative costs impacted by the acquisition in accordance with the Uniform Act and the Laws of the State of Mississippi.

Property Rights Appraised

The property rights appraised in this report consist of fee simple, and, as applicable and appropriate, easement, leased fee, and leasehold interest(s).

“Fee Simple Estate” is defined by *The Dictionary of Real Estate Appraisal*, 4th Edition, copyright 2002, page 113, by the American Institute of Real Estate Appraisers as being:

“Absolute ownership unencumbered by any other interest or estate, subject only to the limitations imposed by the governmental powers of taxation, eminent domain, police power and escheat.”

“Easement” is defined in *The Dictionary of Real Estate Appraisal*, copyright 2002, 4th Edition, page 90, by the American Institute of Real Estate Appraisers as being:

“An interest in real property that conveys use, but not ownership, of a portion of an owner’s property.”

“Leased Fee Interest” is defined in *The Dictionary of Real Estate Appraisal*, copyright 2002, 4th Edition, page 161, by the American Institute of Real Estate Appraisers as being:

“An ownership interest held by a landlord with the right of use and occupancy conveyed by lease to others. The rights of the lessor (the leased fee owner) and the lessee are specified by contract terms contained within the lease”.

“Leasehold Interest” is defined in *The Dictionary of Real Estate Appraisal*, copyright 2002, 4th Edition, page 162, by the American Institute of Real Estate Appraisers as being:

“The interest held by the lessee (the tenant or renter) through a lease transferring the rights of use and occupancy for a stated term under certain conditions”.

Property Estate(s) Appraised:	<i>List and describe, if necessary, the property right(s) appraised (i.e., fee simple, easement, other)</i>
Fee Simple	

Fair Market Value Defined

Fair Market Value is value in exchange. It is “the most probable price, as of a specified date, in cash, or in terms equivalent to cash, or in other precisely revealed terms, for which the specified property rights should sell after reasonable exposure in competitive market under all conditions requisite to a fair sale, with the buyer and seller each acting prudently, knowledgeably, and for self-interest, and assuming that neither is under undue duress”. (See the *Terms and Definitions* section of this report for the source of this definition)

Assumptions and Limiting Conditions

This appraisal is subject to the following underlying assumptions and limiting conditions:

The appraiser certifies that to the best of his or her acknowledge and belief, the statements contained in this appraisal report, subject to the limiting conditions set forth below are correct.

This appraisal is of the property described in this report.

The appraiser has made no survey of the property and assumes that the areas and dimensions shown herein are correct. Any sketch or identified survey of the property included in this report is only for the purpose of assisting the reader in visualizing the property.

Certain information in this report was obtained from and/or furnished by sources believed to be reliable; however the absolute accuracy of information is not guaranteed. If relevant information or errors come to the attention of the appraiser, the appraiser reserves the right to change, alter, revise, or void the opinions contained in this report in part or in their entirety.

Possession of this report does not imply the right of publication and it may not be used without the consent of the City of Hattiesburg. This report is to be used in its entirety. The appraiser is not responsible if any part of this report is used to the exclusion of the remainder.

I am not familiar with any engineering studies made to determine the bearing capacity of the land or that indicate any mineral contents of a significant nature.

The appraiser has no knowledge of the existence of hazardous materials on the property unless otherwise stated in this report. The appraiser, however, is not qualified to detect such substances. The presence of any such substances, which may be potentially hazardous materials, may affect the value of the property. However, as directed by the client, the Mississippi Department of Transportation, this value estimate is predicated on the assumption that there are no such materials on or in the property that would cause a loss in value.

To the best of my knowledge no portion of the value assigned to the subject property is for items, which are non-compensable according established laws.

This property has been appraised as though free of all liens, unless otherwise stated herein. No responsibility is assumed for matters legal in nature, nor is any opinion of title rendered herewith. Good title is assumed.

Certain background and other relevant information applicable to the appraisal of this property and for this appraisal report is given in the project data brochure, which is incorporated herein by reference.

This appraisal was performed within requirements of regulation, law, and supplemental appraisal standards that are applicable to appraisals performed for governmental acquisitions and thus, certain valuation opinions and conclusions stated in this appraisal report are affected by these requirements. Applicable Mississippi Law is found at Mississippi Code Section 65, Section 43, Section 11, and also found in certain published decisions of the Mississippi Supreme Court as they pertain to property acquisition by Eminent Domain. Applicable Federal Law is found in the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, P.L. 91-646, as amended, 42 U.S.C §4601, et seq., and regulations promulgated pursuant thereto found at 49 C.F.R. Part 24 and further described in "*The Uniform Appraisal Standards for Federal Land Acquisitions*",

The reported value estimate assumed no impact on value because of "Section 404 wetlands", as defined by the U. S. Army Corps of Engineers. The client is urged to seek advice of an expert to determine any potential impact on wetlands on the property.

There are no additional assumptions and limiting conditions applicable to this appraisal.
--

See the following page for an explanation of the extraordinary assumption used in this report.
--

Extraordinary Assumptions and Hypothetical Conditions

Standard Rule 1-2(g) and (h) and Standard Rule 2-2 (a)(viii) and (b)(viii) of the *Uniform Standards of Professional Appraisal Practice* require the appraiser to identify and state all extraordinary assumptions and hypothetical conditions when developing and reporting an appraisal.

The *Uniform Appraisal Standards for Federal Land Acquisitions*, Section D-3, Page 80, further states that:

“An extraordinary assumption may be used in an assignment only if:

1. it is required to properly develop credible opinions and conclusions;
2. the appraiser has a reasonable basis for the extraordinary assumption;
3. use of the extraordinary assumption results in credible analysis; and
4. the appraiser complies with disclosure requirements set forth in USPAP for extraordinary assumptions.”

“A hypothetical condition may be used in an assignment only if :

1. use of the hypothetical condition is clearly required for legal purposes, for purposes of reasonable analysis, or for purposes of comparison;
2. use of the hypothetical condition results in a credible analysis;
3. the appraiser complies with the disclosure requirements set forth in USPAP for hypothetical conditions, and
4. the hypothetical condition is provided to the appraiser in writing by the client or an authorized representative of the client.”

USPAP defines extraordinary assumption as “an assumption, directly related to a specific assignment, which, if found to be false, could alter the appraiser’s opinions or conclusions. “ An extraordinary assumption presumes as fact otherwise uncertain information about physical, legal, or economic characteristics of the subject property; or about conditions external to the property, such as market conditions or trends; or about the integrity of data used in an analysis.

USPAP defines hypothetical condition as “that which is contrary to what exists but is supposed for the purpose of analysis.” A hypothetical condition assumes conditions contrary to known facts about physical, legal, or economic characteristics of the subject property; or about conditions external to the property, such as market conditions or trends; or about the integrity of data used in an analysis.

An appraiser cannot make an assumption or accept an instruction that is unreasonable or misleading, nor can an appraiser make an assumption that corrupts the validity of the value estimate. Written legal instructions that have proper foundation must be accepted and must be included in the appraisal report.

Following, if applicable, are all extraordinary assumptions and/or hypothetical conditions that affected the analyses, opinions, and conclusions of this report which are explained in the scope of work:
--

After discussion with the property owner and the adjacent land owner, it became apparent that one was wanting to sell, and the other needed to buy to make up land would lose due to the acquisition. The subject property owner operates a concrete rubble pile onsite and needs a 100' x 60' area for the crusher equipment as well as additional areas for track hoes, loaders and other miscellaneous equipment. Had the adjacent land not been available there may have been a damage to the property and relocation of the material would have been needed. It was a special instruction by the client to appraise this property under the extraordinary assumption that they would be able to purchase the adjacent land for their equipment operations area. We included the 0.62 acre parcel as a part of the subject tract for this reason. If this tract is not purchased this report will need to be amended and relocation of the material will need to be considered.

Following, if applicable, are appraiser instructions that affected the analyses, opinions, and conclusions of this report:

The client provided special instructions for us to consider the adjacent 0.62 acre parcel which they plan to buy and deed to the subject owner as the larger parcel of this report. As stated, if this tract is not purchased this report will need to be amended and relocation of the material will need to be considered.
--

Statement on The Use of Significant Professional Assistance and The Use of Consultant's Report(s)

If professional assistance was provided to the appraiser the name of the individual(s) providing such assistance must be stated below. This includes both professional appraisal assistance and providers of subsidiary assistance, e.g., appraisers, registered foresters, architects, attorneys, planning and permitting consultants, engineers, cost estimators, marketing consultants, etc., etc.

If applicable, the following is a description of any necessary or appropriate steps that were performed in the completion of this appraisal assignment that were not previously noted in the scope of work, including a list of the individual(s) providing professional assistance and the type and extent of assistance provided.

We were provided R.O.W. plats by SOL Engineering Services, LLC. We used these plats to determine the location of the R.O.W. Survey stakes were present at time of inspection, which allowed the appraiser to visualize the proposed take. The survey plat (included) indicates the right of way.

The Scope of Work included:

a) an inspection of the subject property and the research and collection of data pertaining to recent economic development and real estate sales and leasing activity in Hattiesburg, Forrest County, Mississippi, as well as other parts of the state. The Sales Comparison approach to value was used to derive the land values. *The attorney for the city said due to the complexity in relation to the stockpile on the property, the available property to the east, the short time frame, and the potential purchase of the adjacent parcel to use in conjunction with the acquisition or negotiation of the stockpile property to the east, that a waiver valuation was not being considered for this parcel.* Information was collected from courthouse records, files of reliable real estate professionals, property owners and developers, the search of public records through the use of commercial sources of data such as printed comparable data services and computerized databases. Search parameters such as dates of sales, leases, locations, sizes, and types of properties were started with relatively narrow constraints and, if necessary, were expanded until the appraiser had either retrieved data sufficient (in the appraiser's opinion) to estimate market value, or until the appraiser believed that he had reasonably exhausted the available pool of data. Efforts were made to verify the data with persons directly involved in the transactions such as buyers, seller, brokers, or agents. At the appraiser's discretion, some data were used without personal verification if, in the appraiser's opinion, the data appeared to be correct. In addition, the appraiser considered any appropriate listings or properties found through observation during appraiser's data collection process. The appraiser reported only the data deemed to be pertinent to the valuation problem;

b) has investigated and analyzed any pertinent easements or restrictions, on the fee simple ownership of the subject property. It is the client's responsibility to supply the appraiser with a title report. If a title report is not available, the appraiser will rely on a visual inspection and identify any readily apparent easements or restrictions;

c) has analyzed the data found and has reached conclusions regarding the market value, as defined in the report, of the subject property as of the date of value using appropriate valuation approach(es) identified above;

d) has prepared the appraisal in compliance with the Uniform Standards of Professional Appraisal Practice as promulgated by The Appraisal Foundation and the Code of Professional Ethics and Certification Standard of the Appraisal Institute;

e) has prepared an Appraisal Report, as defined in USPAP, which includes photographs of the subject property, descriptions of the subject neighborhood, the site, and any improvements on the site, a description of the zoning, a highest and best use analysis, a summary of the most important sales used in the appraiser's valuation, a reconciliation and conclusion, and other data deemed by the appraiser to be relevant to the assignment. Pertinent data and analyses not included in the report may be retained in the appraiser's files.

f) This appraisal report is an estimate of market value of the property, assuming quality materials, workmanship and properly functioning equipment and mechanics of the building. It does not serve as a home or building inspection, structural inspection, environmental or pest inspection. In preparing this report, the appraiser is not acting as a home or building inspector, engineer, surveyor, or pest inspector. In performing the limited inspection of this property, areas that were readily accessible were visually observed and the review is superficial only. This inspection is not technically exhaustive and does not offer warranties or guarantees of any kind. It is advised to have the structure inspected by an inspector or other suitable professional that offers such warranted or guaranteed inspection of the structural, environmental aspects, or other areas of concern.

Area & Neighborhood Data

The property lies along the north side of Faulkner Street, in Hattiesburg.

This is an old industrial area, with many vacant parcels. The city wastewater facility lies to the east and has been the key topic of discussion for this area. The city has considered both changing it to a land application and/or replacement of a new mechanical system. It is unclear at the time of this report which option they will take. If the mechanical system is selected it will be located immediately east of the subject property in close proximity to the existing lagoons. An excerpt from a recent article lays out the time frame for this option:

Mechanical timelines

Estimates

- Site design, environmental study, permitting:** 4 to 6 months
- Site preparation:** 9 to 12 months
- Multiple construction contracts to be let, beginning late summer, including:**
 - Access road and bridge (This is the road considered in the subject property acquisition)
 - On-site drainage and erosion control
 - Site clearing, filling and grading
 - Pump station and piping modifications
- Total construction time:** 2 to 3 years

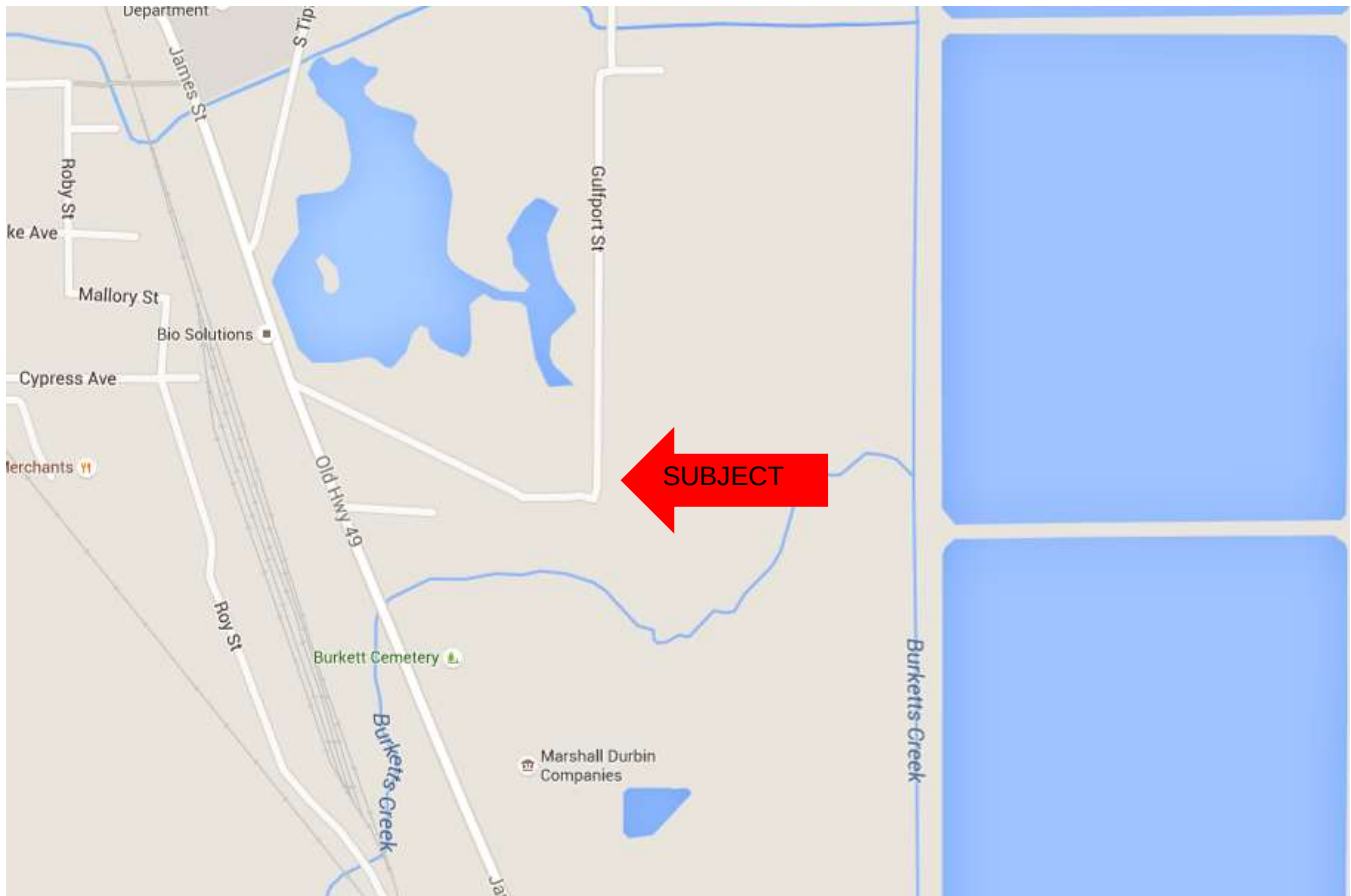
Consent decree deadlines

- Begin construction:** May 1, 2016
- Complete construction:** May 1, 2018

Source: Neel-Schaffer

Overall, the value outlook for the subject area is stable. The wastewater plant would not bring in many jobs and is un-likely to create a need for new housing or commercial uses. An area map can be found on the following page.

AREA MAP



Site Description

Site Description — Before

An analysis of the subject site is particularly important in estimating its highest and best use and for separate valuation from the improvements. The following is a discussion of the subject site in the Before Condition.

Information, regarding the total ownership, has been obtained by the appraiser from current county records, acquisition map and other reliable sources, including a physical inspection of the site. (A survey and description of the total subject property has been provided to the appraiser and is included in this report.)

Present Use of Site: Salvage concrete storage or rubble stock pile site

Legal Description of the Total Ownership: The property is located in the NE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 14, Township 4 N, Range 13 W, Forrest County, MS.

Location: The property is located at the intersection of Faulkner Street and Gulfport Street. This area is near the sewage lagoons and is industrial in nature. The rail road spur has been abandoned, as have many buildings. The majority of new industrial uses are being constructed in the industrial park, 3-4 miles south west of the subject property.

Dimensions/Area/Shape: The property is a rectangular shaped 2.73 acre parcel, more or less, according to the warranty deed. Its dimensions are about 400 feet along Faulkner, at a depth of roughly 400'.

Frontage/Access: The site has approximately 400' of frontage along Gulfport Street as well as 400' along the access road or Faulkner Street to the south. Access is via Gulfport and Faulkner Street.

Topography: The property is mounded with both salvage concrete and waste piles.

Flood Plain and Drainage Data: According to the FEMA Flood Map Number 28035C0117E, dated March 16, 2015, the site lies in Zone AE, which is a designated flood zone.

Use Restrictions: The property is located inside the city limits of Hattiesburg and is zoned A-1, General Agricultural District. This district is intended to provide an area primarily for agricultural purposes and low density residential development. Because of the rural nature, it is the purpose of this district to encourage and protect such uses from urbanization until such is warranted and the appropriate change in district classification is made. In addition there is a small cemetery, enclosed inside of a 30' x 50' chain link fence. This area is restricted and development would not be allowed.

Site Improvements: An existing 30' x 50' or 1,500 square foot Cemetery lies north east of the acquisition area. It is surrounded with a chain link fence. The Cemetery or fencing will not be included in the proposed acquisition.

Off-Site Public Improvements: A reservoir and small park (Duncan Park) are located to the west.

Adjacent Land Uses: Wastewater treatment facility, Industrial buildings, vacant land and the flood plain of the Leaf River.

Easements/Encumbrances: Typical utility easements are found on the property.

Utilities:

Utility Service	Supplier	Utility Service	Supplier
Electricity	MS Power	Sewer	City of Hattiesburg
Gas	Wilmut Gas	Water	City of Hattiesburg
Garbage Collection	City of Hattiesburg	Telephone	Bellsouth
Comments:	Additional narrative, as needed.		
There is a distinct odor in the air that would prevent most uses, other than landfill and waste treatment facilities from locating in the area. This is mostly what uses are found adjacent to the site.			

ACQUISITION PLAT



TAX MAP

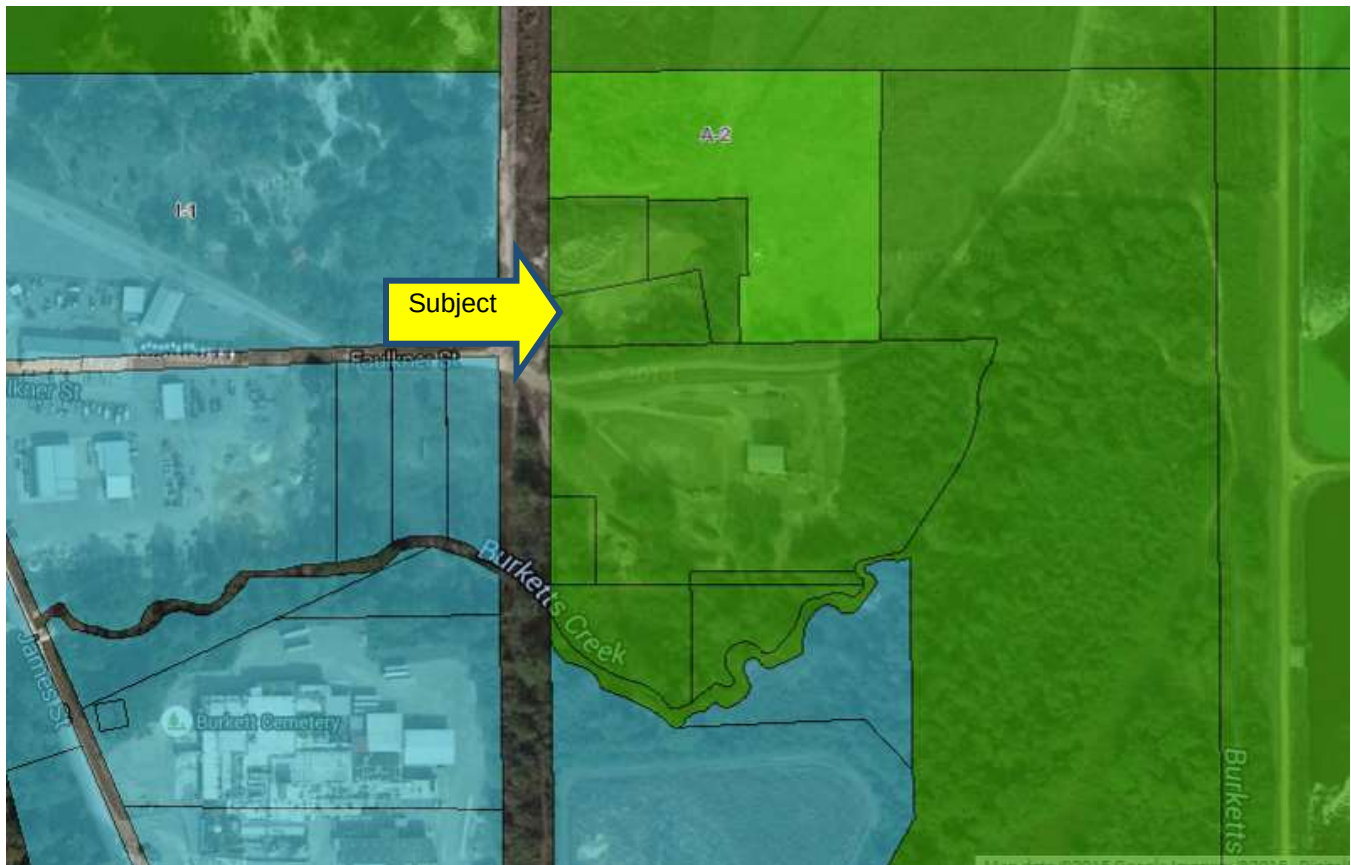


*Subject property lines identified above

FLOOD MAP



ZONING MAP



Legend

Hattiesburg Layers

Zoning

<all other values>

- A-1
- A-2
- B-1
- B-2
- B-3
- B-4
- B-5
- I-1
- I-2
- R-1A
- R-1B
- R-1C
- R-2
- R-3
- R-4

Site Description — Area of Acquisition

Acquisition area: The acquisition area consumes 0.54 acres of land along the south side of the property.

Breakdown of Acquisition Area:

The total area of acquisition has been considered to be 23,522 +/- square feet, or 0.54 acres.

Improvements in R.O.W.: The property is currently used as a stockyard or rubble pit for salvaged concrete. There is a small amount of fill dirt, gravel, concrete and miscellaneous material located in the right-of-way. This was a small amount of material and no contributory value was included.

Items of Real Property Appraised

2.73 acres of land

Items of Personal Property Not Appraised

N/A

R.O.W. LIMITS MAP



PHOTOGRAPHS



View of the property's southwest corner from Faulkner Road.



View of the salvaged concrete rubble yard on the remainder property.

PHOTOGRAPHS



Additional view of the salvaged concrete rubble yard on the property.



View of acquisition area.

PHOTOGRAPHS



View of the western property line, along Gulfport Street.



View of the northern property line.

PHOTOGRAPHS



View of the Northeast corner of the property.



This picture shows the miscellaneous material located in the ROW.

Whole Tract and Larger Parcel Declaration

Whole Tract Declaration

On those properties where the total ownership and the Larger Parcel are not one-in-the-same, it is possible for a property to contain several Larger Parcels (Highest & Best Use areas). The acquisition may affect more than one Larger Parcel (H&BU area), it is essential that there be a clear declaration by the appraiser as to what part and/or parts of the total ownership are being appraised. This section of the appraisal report declares exactly what was valued in the appraisal process and includes:

- The size of the contiguous total ownership provided to the appraiser by the MDOT
- Declaration of the Larger Parcels (H&BU areas) within the total ownership that are unaffected
- Identification and delineation of the affected Larger Parcels (H&BU areas) described by the following methods as appropriate:
 - a) Clearly visible physical features- road, creek, ditch, fence, tree line, etc.
 - b) Subdivision boundary, Zoning line, corporate limits, county line, section line, etc.
 - c) c)Dimensioned area as determined by the appraiser

Total "Whole Tract" Declaration and Summary	(Ac./S.F.)
The entire tract contains +/- 2.73 acres, as stated the 0.62 acre area to be deeded to the Walters was also considered for a total acreage of 3.35 acres, and was considered the larger parcel of this report.	

Declaration of the Larger Parcel (if different from the Whole Tract)

There are three conditions or tests that are considered in determining the larger parcel, unity of ownership, unity of use, and contiguity. In certain instances, the larger parcel may not include all the lands that are contiguous and under identical ownership. In determining the larger parcel to be appraised, reliance on unity of ownership and unit of use will be given substantial weight. In determining the larger parcel, the following is noted:

Larger Parcel(s) Summary	(Dimensions, Size, and Use)
The 3.35 acres was considered the larger parcel of this report, using the extraordinary assumption.	

Highest and Best Use Analysis

¹**Highest and best use** is defined in *The Dictionary of Real Estate Appraisal, Fourth Edition, Copyright 2002, page 135*, compiled by the Appraisal Institute as:

“The reasonably probable and legal use of vacant land or an improved property, which is physically possible, appropriately supported, financially feasible, and that results in the highest value. The four criteria the highest and best use must meet are legal permissibility, physical possibility, financial feasibility, and maximum productivity”.

The reasonable and probable use that will support the highest property value, as defined, as of the date of the appraisal. In order to arrive at a highest and best use estimate, the land is first analyzed as if vacant. Later, the total property, including any existing improvements, is analyzed. In estimating the highest and best use of the subject site, as if vacant and improved, you must first carefully study the existing land use patterns and trends in the area. In estimating the highest and best use of the subject property, the appraiser has considered very carefully the following factors:

1. The land and location is considered in relationship to the local area.
2. The physical characteristics of the land and improvements, including the land's overall size, shape, road frontage, topography, soil and sub-soil conditions and available utilities.
3. In analyzing the highest and best use of the subject, as applicable and appropriate, the Sales Comparison Approach, Cost Approach, and Income Approach are considered.

The procedure used in this report to estimate highest and best use of the subject site was to consider, in sequence, the site's utility, its legal use, its possible and most feasible use, and, finally, the optimum or highest and best use.

Highest and Best Use {SC4}

The site is +/- 3.35 acres, more or less, this area is described more as a waste and debris storage area for an industrial and governmental uses for Hattiesburg. These surround uses include waste water treatment plant (with possible expansion), solid waste storage, debris storage by the City, or salvage material storage by the subject property owner. This site would be suitable for Industrial (storage facility or quasi-governmental uses such as: land field, sewer treatment facility, or other waste related uses).

The site is legally restricted to agricultural and “grandfathered” uses. The site is currently used as a salvage concrete storage site and is industrial in nature. We spoke with Ginger at city planning and she said the use was a legal, non-conforming use (grandfathered-in). She said utilities and or waste disposal are also allowed on agricultural properties and that the existing use may also fall under that category.

The most financially feasible and maximally productive use of the site would be for waste storage.

Overall, considering the physical constraints, the legal restrictions, and the financially feasible uses of the site, the highest and best use of the site as vacant would be for Industrial (storage facility or quasi-governmental uses such as: land field, sewer treatment facility, or other waste related uses).

¹ The phrase “*highest and best use areas*” or “*uses*” is from wording utilized by the Mississippi Supreme Court in its published eminent domain decisions. Reference of these phrases by the Court has been historically utilized in a manner equivalent to the phrase “*Larger Parcel*”. For additional information, please refer to the “*Terms and Definitions*” section of this appraisal report.

Ownership History And Tax Information

Ownership History

In developing a real property appraisal an appraiser must:

1. Analyze any current agreement of sale, option, or listing of the subject property, if such information is available to the appraiser in the normal course of business.
2. Analyze any prior sales of the subject property that occurred within the following minimum time period of five years
3. Discuss below (as applicable) the quality and quantity of data available and analyze within the approaches used and the applicability or suitability of the data.
4. When there is a sale of the subject property to the current owner for an undisclosed price, the appraiser must state that he or she attempted to obtain the purchase price and other terms of the transaction without success. (If transaction price could not be verified please explain below.)

Ownership History					
Property Transactions during the last five years to Date:					
Date	Grantor	Grantee	Consideration	Book/Page	Ver.
08/2014	Thomas Hickman and Sarah Hickman	George Walters	\$25,000	DB 1190, Page 531	GN
06/2010	Maria J. Durham	Thomas Hickman and Sarah Hickman	unknown	DB 1086, Page 192	GN
Explanation: The subject property was purchased as three separate parcels of land. The last transactions are listed above.					

Tax Information			
Tax PPIN No.	26825	True Value – Land	\$17,640
	26827	True Value – Improvements	N/A
	26828		
Special Assessments			

Approaches to Value

All standard techniques used by appraiser in estimating of market value can be grouped into the following three main approaches to value: 1) Sales Comparison Approach, 2) Cost Approach, and 3) Income Approach. One or more of these approaches are used in all appraisal assignments. Use of these approaches will depend on the type of property being appraised and quantity and quality of data available for analysis.

Sale Comparison Approach: A set of procedures in which a value indication is derived by comparing the property being appraised to similar properties that have been sold recently, applying appropriate units of comparison, and making adjustments to the sale prices of comparables based on the elements of comparison. The sales comparison approach may be used to value improved properties, vacant land, or land being considered as though vacant; it is the most common and preferred method of land valuation when comparable sales data are available.

Cost Approach: A set of procedures through which a value indication is derived for the fee simple interest in a property by estimating the current cost to construct a reproduction of, or replacement for, the existing structure; deducting depreciation from the reproduction or replacement cost; and adding the estimated land value, plus an entrepreneurial profit. Adjustments may then be made to the indicate fee simple value of the subject property to reflect the value of the property interest being appraised.

Income Approach: A set of procedures through which an appraiser derives a value indication for an income-producing property by converting its anticipated benefits (cash flows and reversion) into property value. This conversion can be accomplished in two ways. One year's income expectancy can be capitalized at a market-derived capitalization rate or at a capitalization rate that reflects a specified income pattern, return on investment, and change in the value of the investment. Alternatively, the annual cash flows for the holding period and the reversion can be discounted at a specified yield rate.

The Dictionary of Real Estate Appraisal, Fourth Edition, Appraisal Institute

☐ Cost Approach

☐ Income Approach

☒ Sales Comparison Approach

Reason(s) for excluding any of the usual approaches to value
No rental income is produced by the property and the income approach would not apply. There are no improvements being valued, therefore the cost approach is not a valid approach. The sales comparison approach was the only valid approach and was the approach used in this report.

Land Sale No. 1

Property Identification

Record ID	3849
Property Type	Commercial
Address	175 Monroe Road, Forrest County, Mississippi 39401
Location	Section 28, T5N, R13W

Sale Data

Grantor	Taylor Gilmore
Grantee	The Crypt
Sale Date	September 14, 2009
Deed Book/Page	1068/555
Property Rights	Fee Simple
Conditions of Sale	Arm's Length
Financing	Cash
Verification	Confirmed with Carmen Ulfers (Buyer) by Jonathon Null; August 25, 2010

Sale Price	\$80,000
Cash Equivalent	\$80,000

Land Data

Topography	Level
Utilities	Elec., Water
Dimensions	645' x 330'
Shape	Rectangular
Fencing	6' chain link
Flood Info	Map 28035C0106D; dated 3/2/10, not located in flood zone

Land Size Information

Gross Land Size	4.890 Acres or 213,008 SF
Front Footage	330 ft Monroe Road

Indicators

Sale Price/Gross Acre	\$16,360
Sale Price/Gross SF	\$0.38

Remarks

Property is currently being used for a Trucking Co. Parking. Property has 6' chain link fence around property. Property is level at road grade with electric and water available.



Land Sale No. 2

Property Identification

Record ID	4368
Property Type	Commercial Land
Address	1809 Edwards St., Hattiesburg, Forrest County, Mississippi
Location	Hattiesburg Southeast

Sale Data

Grantor	Mississippi District Council Assemblies Of God
Grantee	Clarence Sanders and Charlotte Sanders
Sale Date	May 16, 2006
Deed Book/Page	1008/430
Financing	Owner financing

Sale Price	\$18,000
Cash Equivalent	\$18,000

Land Data

Topography	Wooded
Utilities	All available
Shape	Irregular

Land Size Information

Gross Land Size	2.000 Acres or 87,120 SF
------------------------	--------------------------

Indicators

Sale Price/Gross Acre	\$9,000
Sale Price/Gross SF	\$0.21

Remarks

Wooded lot located along Edwards Street. Property was owner financed. George Null confirmed this sale with the Broker, Greg Craven. It was purchased by a religious group and a new building was constructed.



**Land Sale No. 3
(Subject Sale)**

Property Identification

Record ID	5908
Property Type	Industrial
Property Name	Walters Stock Pile Site
Address	104 Faulkner Road, Hattiesburg, Forrest County, Mississippi

Sale Data

Grantor	Thomas Hickman
Grantee	George Walters
Sale Date	August 22, 2014
Deed Book/Page	1190 p.531, Inst#727583
Verification	George Walters; 601(580-1198)

Sale Price	\$25,000
Cash Equivalent	\$25,000

Land Data

Zoning	A-1 and A-2, Agricultural
Topography	level
Shape	Rectangular
Rail Service	Abandoned spur along west line
Flood Info	Leaf River

Land Size Information

Gross Land Size	2.730 Acres or 118,919 SF
Useable Land Size	2.700 Acres or 108,900 SF , 91.58% (cemetery)

Indicators

Sale Price/Gross Acre	\$9,158
Sale Price/Gross SF	\$0.21
Sale Price/Useable Acre	\$9,259
Sale Price/Useable SF	\$0.23

Remarks

This site was purchased for use as a stock pile facility. The buyer stated he needed a site away from buildings and other areas where the dust could be a problem. The stock piled concrete is crushed and used for base material for parking lots and road work. The site had an old cemetery on the SE corner that reduced the useable area to around 2.70 acres.



Land Sale No. 4

Property Identification

Record ID 5909
Property Type Residential Land
Address Old Hwy 49, Hattiesburg, Forrest County, Mississippi 39401

Sale Data

Sale Date August 27, 2009
Marketing Time 174

Sale Price \$60,000
Cash Equivalent \$60,000

Land Data

Zoning None
Topography Level; wooded; gentle rolling
Flood Info Not located in a designated flood zone

Land Size Information

Gross Land Size 12.500 Acres or 544,500 SF
Front Footage 326 ft Total Frontage: 326 ft Old Hwy 49

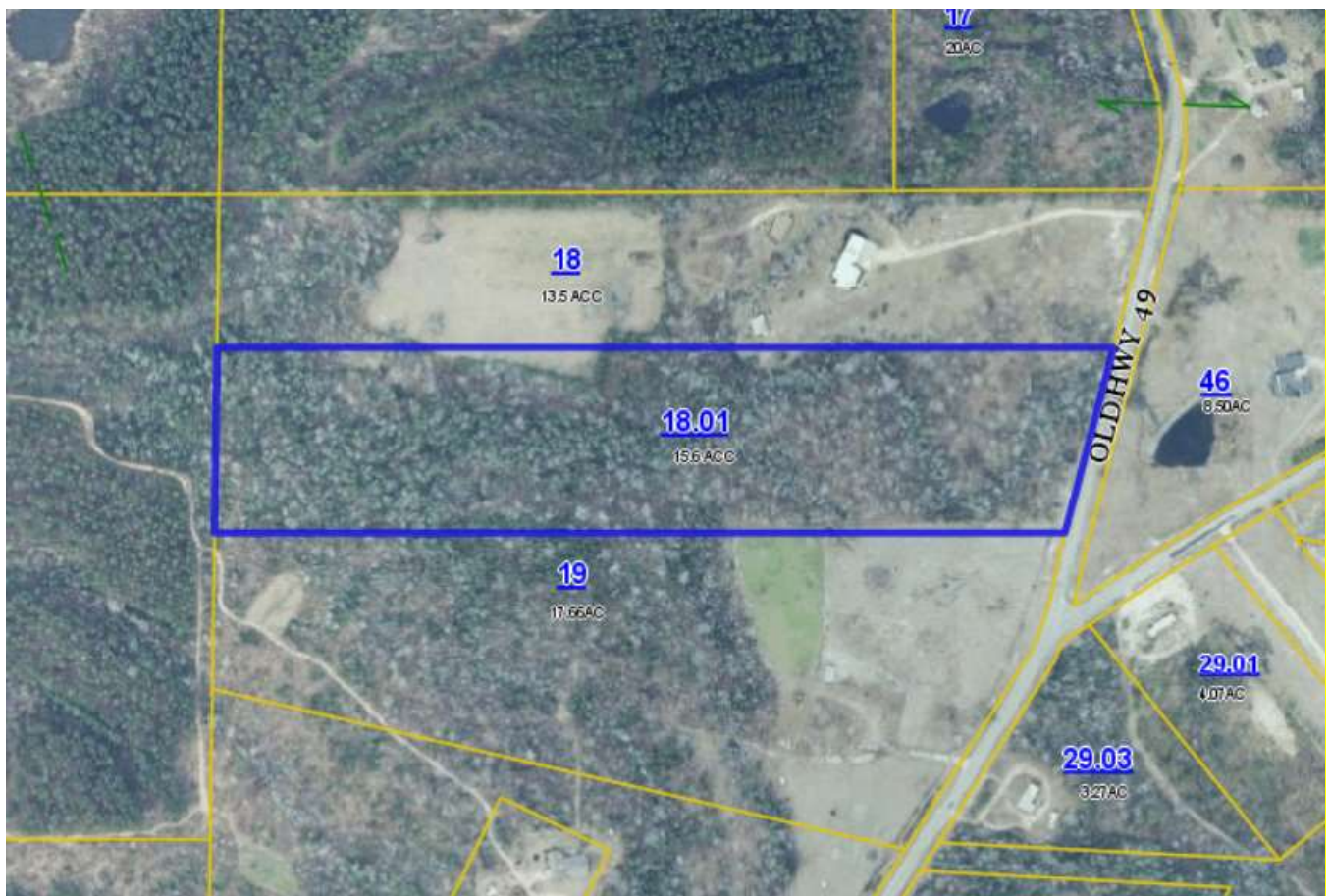
Indicators

Sale Price/Gross Acre \$4,800
Sale Price/Gross SF \$0.11
Sale Price/Front Foot \$184

Remarks

Hwy 49S to Paul B. Johnson Park. Turn right at Fork go left onto South Lake Dr. Go to stop sign turn right onto Old Hwy 49W. Land on left with a sign.

Section 13, Township 2N, Range 13W



COMPARABLE SALES

COMPARABLE LAND SALES SUMMARY TABLE					
No.	Location	Sale Date	Price	Size in Acres	Price/ Acre
1.	175 Monroe Road	09/14/2009	\$80,000	4.890	\$16,360
2.	1809 Edwards St.	05/16/2006	\$18,000	2.000	\$9,000
3.	Subject Sale	08/22/2014	\$25,000	2.730	\$9,158
4.	Old Hwy 49	08/27/2009	\$60,000	12.500	\$4,800

Correlation of Land Sales

All of the comparable sales were located in the general vicinity of the subject tract. The three sales were all similar to the subject in most respects.

The major difference in the sales and the subject property is the presence of the flood plain. The subject lies in Flood plain AE, whereas, the comparables do not. Therefore, any improvements would require flood insurance and the threat of being flooded. The additional cost of flood insurance and the threat of flooding justified the 20% negative topo adjustment applied to each sale. The subject property is a 2.73 acre tract, and was of average size when compared to the sales ranging from 2-12.5 acres. Prior to any adjustments, the sales ranged from \$4,800-\$16,360 per acre.

The market conditions were all considered generally similar, and no adjustments were made.

SIZE ADJUSTMENT

Typically larger tracts sell at a lower price per acre than small tracts due to affordability. This is also reflected in the comparables. The largest tract sold at the bottom end of the range. For this reason, Sale 4 was adjusted up 20%.

LOCATION ADJUSTMENT

All of the sales, except sale 1, are located in the general area of the subject and all thought to be similar in location. Sale 1 received a negative location adjustment since it is in the Petal area.

ADJUSTMENT GRID

Element	Sale 1	Sale 2	Sale 4
Sales Price			
Sale Price	\$80,000	\$18,000	\$60,000
Acres	4.89	2.0	12.5
Buyer Expenditures	-0-	-0-	-0-
Demolition	-0-	-0-	-0-
Environmental	-0-	-0-	-0-
Legal Zoning	None	Residential	Industrial
Adjusted Price/Acre	\$16,360	\$9,000	\$4,800
Property rights adjustment	-0-	-0-	-0-
Adjusted Price	\$16,360	\$9,000	\$4,800
Financing Adjustment	-0-	-0-	-0-
Conditions of Sale	-0-	-0-	-0-
Adjusted Price	\$16,360	\$9,000	\$4,800
Market Conditions	09/09	05/06	08/09
	-0-	-0-	
Location adjustment	-20%	-0-	-0-
Access	-0-	-0-	-0-
Size	-0-	-20%	+20%
Topography	-20%	-20%	-20%
Zoning	-0-	-0-	-0-
Utilities	-0-	-0-	-0-
Adjusted Price /acre	\$9,816	\$5,400	\$4,800

After all adjustments, the sales had unit values ranging from \$4,800 to \$9,816 per acre. Sales 1 and 4 were considered the best sales due to their size, location and sales date.

Overall, considering the best sales and their adjustments, an amount per acre of \$9,000/acre was thought to represent market. This would indicate \$24,570 as the total before land value. This was adopted for the subject property.

Summary of After Value

In the after condition, the subject property will be similar, except for the 0.54 acre take. There were no adjustments or damages to the land and the same land value would apply. Therefore the after land value equaled \$19,710. The calculation is shown below.

$$2.19 \text{ acres} \times \$9,000/\text{ac} = \$19,710$$

Final Reconciliation of Value

The following is my opinion of just compensation, for the acquisition of the real property rights described in this appraisal report.

TOTAL BEFORE VALUE	\$24,570
TOTAL AFTER VALUE	<u>\$19,710</u>
Total Just Compensation Due Landowner	\$4,860
ALLOCATION OF COMPENSATION	
Land = 0.54 acres AT \$9,000/ACRE =	\$4,860
Total Just Compensation Due Landowner	\$4,860

Recommended Distribution of Final Value Estimate
For Accounting And Acquisition Purposes Only
 (To Be Completed **After** Appraisal Made)

Fee/Leased Fee Interest

Acre(s) ▼

Acq. Area	HBU	Land	Improvements		Damages		Total
			Item	Value	Item	Value	
0.540 Acre(s)	Industrial	\$4,860					\$4,860
							\$0
							\$0
							\$0
							\$0
0.540 Acre(s)							\$4,860

Easements (Permanent / Temporary)

Acq. Area	HBU	Land	Improvements		Damages		Total
			Item	Value	Item	Value	
							\$0
							\$0
							\$0
							\$0
							\$0
0.000		\$0		\$0		\$0	\$0

Quit-Claim Interest / Leasehold

Acq. Area	HBU	Land	Improvements		Damages		Total
			Item	Value	Item	Value	
							\$0
							\$0
							\$0
							\$0
							\$0
0.000		\$0		\$0		\$0	\$0

Total of all Interests \$4,860

Addenda

Terms and Definitions

Agency- the Federal Agency, State, State Agency, or person that acquires real property or displaces a person.

Appraisal- a written statement independently and impartially prepared by a qualified appraiser setting forth an opinion of defined value of an adequately described property as of a specific date, supported by the presentation and analysis of relevant market information.

Uneconomic Remnant- a parcel of real property in which the owner is left with an interest after the partial acquisition of the owner's property, and which the Agency has determined has little or no value or utility to the owner.

Total Ownership- the total amount of contiguous property, under the ownership of a single legal entity, as indicated by the map provided to the appraiser by the MDOT for an appraisal assignment.

Whole Tract- that amount of property, within the "Total Ownership", as determined by the appraiser, to be affected by the acquisition. The *whole tract* is defined by the appraiser, and may be determined to be the same as the total ownership, or some defined area that is less than the "Total Ownership".

Larger Parcel-²that tract, or tracts, of land which possess a unity of ownership and have the same, or an integrated, highest and best use. Elements of consideration by the appraiser in making a determination in this regard are contiguity, or proximity, as it bears on the highest and best use of the property, unity of ownership, and unity of highest and best use. Mississippi Case Law recognizes this concept but refers to it by use of the phrases "Highest and Best Use areas" or "Highest and Best Uses" ³ Designation of the Larger Parcel, for appraisals performed in connection with the disposal of excess property, may require the adoption of a hypothetical condition regarding "unity of ownership".

Excess Property -"(2)...whenever real property, with the exception of easements for highway purposes, has been acquired by the Mississippi Transportation Commission, in any manner, for public use and in the opinion of the commission all or any part thereof becomes unnecessary for public use, the same shall be declared on the minutes of the commission as excess property and sold at private sale at market value."⁴

Disposal- as used in the appraisal of excess property, "means the sale of real property rights therein, including access or air rights, when no longer needed for highway right-of-way or other uses eligible for funding under title 23 of the [U.S.] Code"⁵

Fair Market Value - Fair Market Value is value in exchange. It is "the most probable price, as of a specified date, in cash, or in terms equivalent to cash, or in other precisely revealed terms, for which the specified property rights should sell after reasonable exposure in competitive market under all conditions requisite to a fair sale, with the buyer and seller each acting prudently, knowledgeably, and for self-interest, and assuming that neither is under undue duress".⁶

Effective Date – The date at which the analyses, opinions, and advice in an appraisal, review, or consulting service apply. (USPAP, 2002 ed.) Source: Appraisal Institute, The Dictionary of Real Estate Appraisal, 4th Edition.

Date of the Report – The date of the transmittal letter of a written report or the date a written report lacking a transmittal letter is completed by the appraiser. The date of an oral report is the date it is communicated to or for

² The Uniform Appraisal Standards for Federal Land Acquisitions, Interagency Land Acquisition Conference, Published by the Appraisal Institute with the cooperation of the U.S. Department of Justice, Washington, D.C. 2000,

³ *Oughton v. Gaddis*, 683 So.2d 390 (Miss. 1996)

⁴ Mississippi Code of 1972, Annotated, § 65-1-123

⁵ United States Code, 23 CFR 710.105

⁶ *Potters II v. State Highway Comm'n of Mississippi*, 608 So. 2d 1227, 1231 (Miss. 1992).

the client. The date of the report may or may not be the same as the effective date of the appraisal. (USPAP, 2002 ed.) Source: Appraisal Institute, The Dictionary of Real Estate Appraisal, 4th Edition.

Highest and Best Use- The best or most valuable use to which the property, [.....], is adapted. Mere speculative uses cannot be considered. There must be some probability that the land would be used within a reasonable time for the particular use to which it is adapted. There must be a present demand for the land for such purpose or a reasonable expectation of such demand in the near future.⁷

Before and After Rule [Mississippi]- When part of a larger tract of land is taken for public use, the owner should be awarded the difference between the fair market value of the whole tract immediately before the taking, and the fair market value of that remain[ing] immediately after the taking, without considering general benefits or injuries resulting from the use to which the land taken is to be put, that are shared by the general public.⁸ Any decrease or increase in the fair market value of real property prior to the date of valuation caused by the public improvement for which such property is 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, will be disregarded in determining the compensation for the property.⁹

Before Value- The fair market value of the whole tract immediately before the taking.¹⁰

After Value- The fair market value of that remain[ing] immediately after the taking, without considering general benefits or injuries resulting from the use to which the land taken is to be put, that are shared by the general public.

Due Compensation¹¹- Just Compensation¹² the value of the land taken and the damages, if any, which result... as a consequence of the taking, without considering either general benefits or injuries resulting from the use to which the land taken is to be put, shared by the general public.¹³

Damages to Remainder- *[In the context of valuation under the Before and After Rule, it is]* the depreciation in the fair market value of the remaining area, ...that is special, and not such as is common to all the property in the neighborhood.¹⁴ In determining damages, if any, to the remainder if less than the whole of a defendant's interest in property is taken, nothing shall be deducted there from on account of the supposed benefits incident to the public use for which the petitioner seeks to acquire the property.¹⁵

Cost-to-Cure Damages [the cost or costs associated with] the necessity of rebuilding fences and wells, the necessity of relocating roads, and other similar items. [Such] items are all part of the depreciated value of the property, since the landowner is required to do this construction in order to use the property in the manner in which it has been used or for which it is best adapted.¹⁶

Extraordinary Assumption – (USPAP definition) an assumption, directly related to a specific assignment, which, if found to be false, could alter the appraiser's opinions or conclusions.

Hypothetical Condition – (USPAP definition) that which is contrary to what exists but is supposed for the purpose of analysis.

⁷ MSHC v. Brooks, 123 So.2d 423, 427 (1960); MSHC v. Wagley, 231 So.2d 507 (1970);

⁸ Potters II v. MSHC, 608 So. 2d 1227 (Miss. 1992); MSHC v. Hillman, 189 Miss. 850, 198 So. 565 (1940)

⁹ Mississippi Code of 1972, Annotated, Section 43-37-3

¹⁰ Potters II v. MSHC, 608 So. 2d 1227 (Miss. 1992); MSHC v. Hillman, 189 Miss. 850, 198 So. 565 (1940)

¹¹ Constitution of Mississippi, Article 3, § 17

¹² Mississippi Code of 1972, Annotated, Section 43-37-3

¹³ MSHC v. Hillman, 198 So. 565;

¹⁴ MSHC v. Colonial Inn, Inc. 149 So.2d 851;

¹⁵ Mississippi Code of 1972, Annotated, Section 11-27-21;

¹⁶ Emerson v. MSHC, 208 So.2d 441

Intended User – the client and any other party as identified, by name or type, as users of the appraisal, appraisal review, or appraisal consulting report by the appraiser on the basis of communication with the client at the time of the assignment.

Jurisdictional Exception – an assignment condition that voids the force of a part or parts of USPAP, when compliance with part or parts of USPAP is contrary to law or public policy applicable to the assignment.

Supplemental Standards – requirements issued by government agencies, government sponsored enterprises, or other entities that establish public policy which add to the purpose, intent and content of the requirements of USPAP, that have a material effect on the development and reporting of assignment results.

Plottage- The increment of value created when two or more sites are combined to produce greater utility. See also assemblage.

Assemblage- The combining of two or more parcels, usually but not necessarily contiguous, into one ownership or use; the process that creates plottage value. (USPAP, 2002 ed.) See also plottage.

Assemblage Cost- The excess cost incurred to acquire individual adjacent parcels of real estate in a single ownership beyond the estimated cost of acquiring similar sites that do not form a specifically desired assemblage.

Scope of Work “The Scope of Work is a written set of expectations that form an agreement or understanding between the appraiser and the agency as to the specific requirements of the appraisal, resulting in a report to be delivered to the agency by the appraiser. It includes identification of the intended use and intended user; definition of fair market value; statement of assumptions and limiting conditions; and certifications the type and extent of research and analyses in an assignment. Either the appraiser or the agency may recommend modifications to the initial Scope of Work, but both parties must approve changes.”¹⁷

¹⁷ Federal Highway Administration, Guide For Preparing An Appraisal Scope of Work, October, 2005

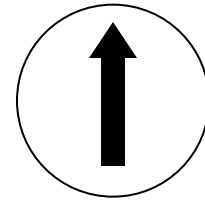
Sketch of Property¹⁸

AREAS

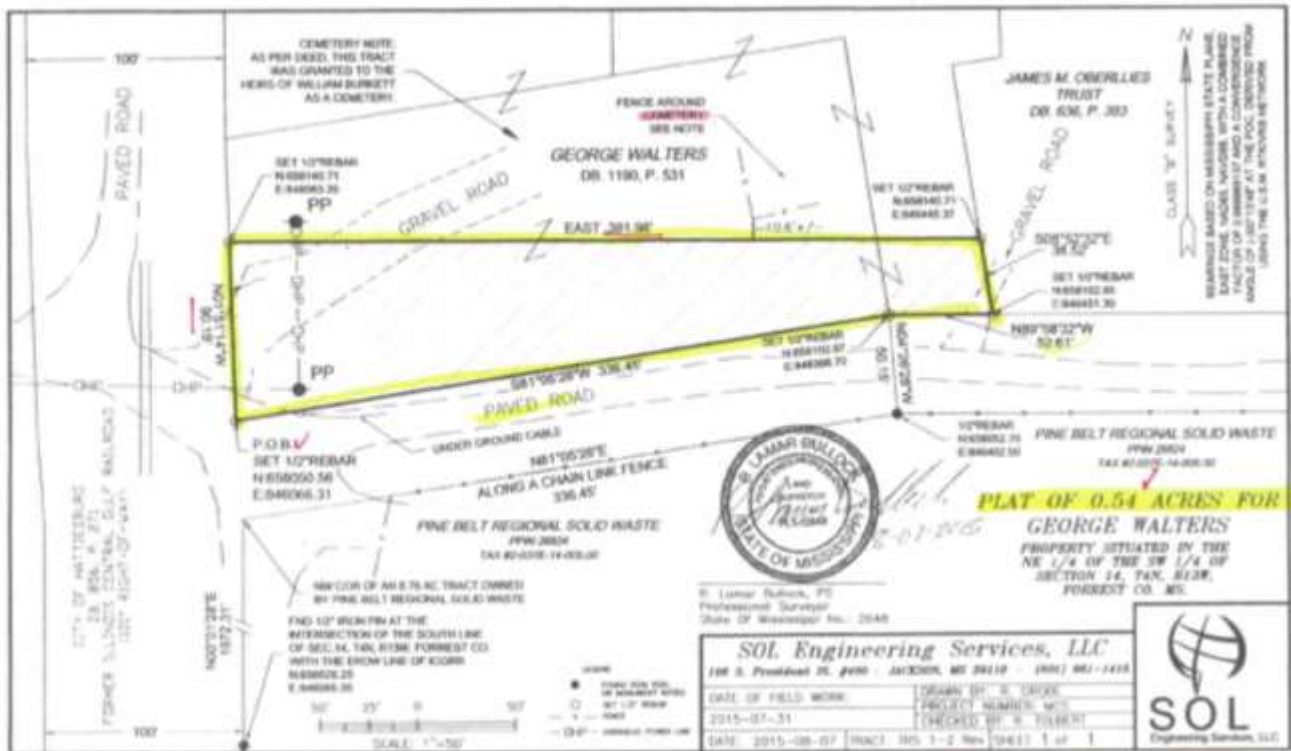
Area of Whole Tract - Before: 2.73 acres

Area of Remaining Tract - After: 2.19 acres

Area to be Acquired: 0.54 acres



Directions North



¹⁸ **Sketch Must Show:** (Note: It is not required that the sketch be drawn to scale)

1. All boundary dimensions.
2. Location of all significant improvements.
3. Location of other significant features (creeks, woods, power lines, access limits, drives, fences, railroads, roads, etc.)
4. Relation of improvements to areas taken.
5. Area to be acquired.
6. Area of remainder(s).
7. Different uses (if appropriate).

Parcel No. TRS 1-2 Rev Project Wastewater Plant Access Road Project
Land Appraisal Report

Forrest County Mississippi



Delta Computer Systems, Inc.

Property Link

FORREST COUNTY, MS

Current Date 8/18/2015

Tax Year 2014
Records Last Updated 8/18/2015

PROPERTY DETAIL

OWNER HICKMAN THOMAS & SARAH
C/O GEORGE WALTERS
P O BOX 6
LAUREL MS 39441

ACRES : .83
LAND VALUE : 3850
IMPROVEMENTS : **NA**
TOTAL VALUE: 3850
ASSESSED : 578

PARCEL 2-037E-14-003.00
ADDRESS **NA**

TAX INFORMATION

YEAR 2014	TAX DUE	PAID	BALANCE
COUNTY	35.43	35.43	0.00
CITY	27.41	27.41	0.00
SCHOOL	37.51	37.51	0.00
TOTAL	100.35	100.35	0.00

A Print Fee May Apply, Contact County For Total.

LAST PAYMENT DATE 1 / 29 / 2015

MISCELLANEOUS INFORMATION

EXEMPT CODE		LEGAL POB 278 S OF NW COR NE1/4
HOMESTEAD CODE None		SW1/4 S 200 NELY 200 N 168.87
TAX DISTRICT 1110		W 197.45 TO POB SEC 14-4-13
PPIN 026827		B535 P486 2/84
SECTION 14		PREV #:H1026-00-025A
TOWNSHIP 04N		B653-40 6\91 B677 P439 9/92
RANGE 13W		B735 P650 8/95
		B 1086 P 192 06/25/2010
Book 1086	Page 192	

TAX SALES HISTORY, FOR UNPAID TAXES

<u>Year</u>	<u>Sold To</u>	<u>Redeemed Date/By</u>
2012	B & C FARM COMPANY	2/ 5/2014 SOUTHERN RECYCLING
2011	WOOD DUCK INVESTMENTS LLC	6/28/2013 SOUTHERN RECYCLING

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Forrest County Mississippi



Delta Computer Systems, Inc.

Property Appraisal Link

FORREST COUNTY, MS

Current Date 8/18/2015

Tax Year 2014

PARCEL 2-037E-14-003.00

APPRAISAL INQUIRY

ALT PARCEL NUMBER 245 -0000-014-025.01

PPIN 026827

SKETCH 1 [VIEW 01](#)

OWNER NAME

WALTERS GEORGE

OWNER ADDRESS

P O BOX 6

LAUREL MS39441

PROPERTY ADDRESS

PROPERTY IS VACANT (Y/N) N

FIELD WORK BY CH DATE: 1/1/1982

CLASSED BY CH DATE: 1/1/1982

REVIEWED BY ODO DATE: 2/15/2009

REALTOR CODE

LEGAL DESCRIPTION

- 1 POB 278 S OF NW COR NE1/4
- 2 SW1/4 S 200 NELY 200 N 168.87
- 3 W 197.45 TO POB SEC 14-4-13
- 4 B535 P486 2/84
- 5 PREV #:H1026-00-025A
- 6 B653-40 691 B677 P439 9/92
- 7 B735 P650 8/95

Block 014 Section 14 Township 04N Range 13W

Book 1190 Page 531 Type WD Date 8/22/2014

Book 1086 Page 192 Type WD Date 6/25/2010

LOT INFORMATION

LOT CODE LOT SIZE LOT VALUE

CODE	FRONT FT	DEPTH	PRICE	DEPTH TABLE	DEPTH %	ADJ. %	DESCRIPTION	ADJ PRICE	APPRAISED	CLASS
*** NO LOT INFO ***										

ACRE INFORMATION

ACRES	TYPE	QUAL	CLASS	PRICE CODE	UNCULTIVATED CODE	PRICE	ADJ. %	DESCRIPTION	APPRAISED	MARKET
.83	A	1		M	U	4883.85	1.00		3850	4054

ACREAGE VALUE

3850

OVERALL VALUE

3850

LAND USE CODE CLASS 1 1110 ONE FAMILY UNIT

LAND USE CODE CLASS 2 1110 ONE FAMILY UNIT

BUILDING DESCRIPTIONS

NUMBER	CODE	BUILDING DESCRIPTION	VALUE	ELIGIBLE CLASS 1
*** NO BUILDING INFO ***				

TOTAL PARCEL VALUE 3850

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Forrest County Mississippi



Delta Computer Systems, Inc.

Property Link

FORREST COUNTY, MS

Current Date 8/18/2015

Tax Year 2014
Records Last Updated 8/18/2015

PROPERTY DETAIL

OWNER HICKMAN THOMAS & SARAH
C/O GEOGE WALTERS
P O BOX 6
LAUREL MS 39441

ACRES : .84
LAND VALUE : 6270
IMPROVEMENTS : **NA**
TOTAL VALUE: 6270
ASSESSED : 941

PARCEL 2-037E-14-002.00
ADDRESS **NA**

TAX INFORMATION

YEAR 2014	TAX DUE	PAID	BALANCE
COUNTY	57.57	57.57	0.00
CITY	44.62	44.62	0.00
SCHOOL	61.06	61.06	0.00
TOTAL	163.25	163.25	0.00

A Print Fee May Apply, Contact County For Total.

LAST PAYMENT DATE 1 / 29 / 2015

MISCELLANEOUS INFORMATION

EXEMPT CODE
HOMESTEAD CODE None
TAX DISTRICT 1110
PPIN 026828
SECTION 14
TOWNSHIP 04N
RANGE 13W

LEGAL COM NW COR NE1/4 SW1/4 S 478
NELY 200 TO POB N 159.76 NELY
195.16 S 153.72 SWLY 25.15
SELY 126.86 W 52.61 NWLY 141
SWLY 119 TO POB SEC 14-4-13
DB551-P357 6/91 B653/P40
PREV #:H1026-00-025B
B677 P439 9/11/92 B735 P649

Book 1086 **Page** 192

TAX SALES HISTORY, FOR UNPAID TAXES

<u>Year</u>	<u>Sold To</u>	<u>Redeemed Date/By</u>
2012	BROCKET LLC	2/ 5/2014 SOUTHERN RECYCLING
2011	LONG LAND INVESTMENTS INC	6/28/2013 SOUTHERN RECYCLING

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Forrest County Mississippi



Delta Computer Systems, Inc.

Property Appraisal Link

FORREST COUNTY, MS

Current Date 8/18/2015

Tax Year 2014

APPRaisal INQUIRY
PARCEL 2-037E-14-002.00 **ALT PARCEL NUMBER** 245 -0000-014-025.02
PPIN 026828 **SKETCH** 1
OWNER NAME WALTERS GEORGE
OWNER ADDRESS P O BOX 6
 LAUREL MS39441
PROPERTY ADDRESS
PROPERTY IS VACANT (Y/N) Y
FIELD WORK BY **DATE:** //
CLASSED BY **DATE:** //
REVIEWED BY ODO **DATE:** 2/15/2009
REALTOR CODE

LEGAL DESCRIPTION

1 COM NW COR NE1/4 SW1/4 S 478
 2 NELY 200 TO POB N 159.76 NELY
 3 195.16 S 153.72 SWLY 25.15
 4 SELY 126.86 W 52.61 NWLY 141
 5 SWLY 119 TO POB SEC 14-4-13
 6 DB551-P357 6/91 B653/P40
 7 PREV #:H1026-00-025B
 8 B677 P439 9/11/92 B735 P649

Block 014 Section 14 Township 04N Range 13W

Book 1190 Page 531 Type WD Date 8/22/2014

Book 1086 Page 192 Type WD Date 6/25/2010

LOT INFORMATION

LOT CODE ALL LOT SIZE LOT VALUE

CODE FRONT FT DEPTH PRICE DEPTH TABLE DEPTH % ADJ. % DESCRIPTION ADJ PRICE APPRAISED CLASS
 *** NO LOT INFO ***

ACRE INFORMATION

ACRES TYPE QUAL CLASS PRICE CODE UNCULTIVATED CODE PRICE ADJ. % DESCRIPTION APPRAISED MARKET
 .84 1 2 M C 7855.54 1.00 6270 6599

ACREAGE VALUE 6270 **OVERALL VALUE** 6270
LAND USE CODE CLASS 1 9100 UNDEVELOPED AND UNUSED L
LAND USE CODE CLASS 2 9100 UNDEVELOPED AND UNUSED L

BUILDING DESCRIPTIONS

NUMBER CODE BUILDING DESCRIPTION VALUE ELIGIBLE CLASS 1
 *** NO BUILDING INFO ***

TOTAL PARCEL VALUE 6270



View Tax

Forrest County Mississippi



Delta Computer Systems, Inc.

Property Link

FORREST COUNTY, MS

Current Date 8/18/2015

Tax Year 2014
Records Last Updated 8/18/2015**PROPERTY DETAIL**

OWNER HICKMAN THOMAS & SARAH
C/O GEORGE WALTERS
P O BOX 6
LAUREL MS 39441

ACRES : 1.06
LAND VALUE : 7520
IMPROVEMENTS : **NA**
TOTAL VALUE: 7520
ASSESSED : 1128

PARCEL 2-037E-14-004.00
ADDRESS **NA**

TAX INFORMATION

YEAR 2014	TAX DUE	PAID	BALANCE
COUNTY	69.11	69.11	0.00
CITY	53.49	53.49	0.00
SCHOOL	73.20	73.20	0.00
TOTAL	195.80	195.80	0.00

A Print Fee May Apply, Contact County For Total.

LAST PAYMENT DATE 1 / 29 / 2015

MISCELLANEOUS INFORMATION

EXEMPT CODE
HOMESTEAD CODE None
TAX DISTRICT 1110
PPIN 026825
SECTION 14
TOWNSHIP 04N
RANGE 13W

LEGAL BEG 478FT S NW COR NE1/4 SW1/4
N81DEG E 319FT S 8 0 56 MIN E
141FT S 81DEG 4MIN W 336.45FT
N TO BEG B735 P649 8/95
PREV #:H1026-00-024
B 1086 P 192 06/25/2010

Book 1086

Page 192

TAX SALES HISTORY, FOR UNPAID TAXES

<u>Year</u>	<u>Sold To</u>	<u>Redeemed Date/By</u>
2012	STAMP HOUSE HOLDINGS LLC	2/ 5/2014 SOUTHERN RECYCLING
2011	B & C FARM COMPANY	6/28/2013 SOUTHERN RECYCLING

[View Appraisal Record](#)[Back](#)

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Forrest County Mississippi



Delta Computer Systems, Inc.

Property Appraisal Link

FORREST COUNTY, MS

Current Date 8/18/2015

Tax Year 2014

PARCEL 2-037E-14-004.00

APPRAISAL INQUIRY

ALT PARCEL NUMBER 245 -0000-014-024.00

PPIN 026825

SKETCH 1 [VIEW 01](#)

OWNER NAME

WALTERS GEORGE

OWNER ADDRESS

P O BOX 6

LAUREL MS39441

PROPERTY ADDRESS

PROPERTY IS VACANT (Y/N) N

FIELD WORK BY DATE: //

CLASSED BY DATE: //

REVIEWED BY ODO DATE: 2/15/2009

REALTOR CODE

LEGAL DESCRIPTION

1 BEG 478FT S NW COR NE1/4 SW1/4
 2 N81DEG E 319FT S 8 0 56 MIN E
 3 141FT S 81DEG 4MIN W 336.45FT
 4 N TO BEG B735 P649 8/95
 5 PREV #:H1026-00-024

Block 014 Section 14 Township 04N Range 13W

Book 1190 Page 531 Type WD Date 8/22/2014

Book 1086 Page 192 Type WD Date 6/25/2010

LOT INFORMATION

LOT CODE ALL LOT SIZE LOT VALUE

CODE FRONT FT DEPTH PRICE DEPTH TABLE DEPTH % ADJ. % DESCRIPTION ADJ PRICE APPRAISED CLASS
 *** NO LOT INFO ***

ACRE INFORMATION

ACRES TYPE QUAL CLASS PRICE CODE UNCULTIVATED CODE PRICE ADJ. % DESCRIPTION APPRAISED MARKET
 1.06 A 2 M U 7462.50 1.00 7520 7910

ACREAGE VALUE 7520 OVERALL VALUE 7520

LAND USE CODE CLASS 1 9100 UNDEVELOPED AND UNUSED L

LAND USE CODE CLASS 2 9100 UNDEVELOPED AND UNUSED L

BUILDING DESCRIPTIONS

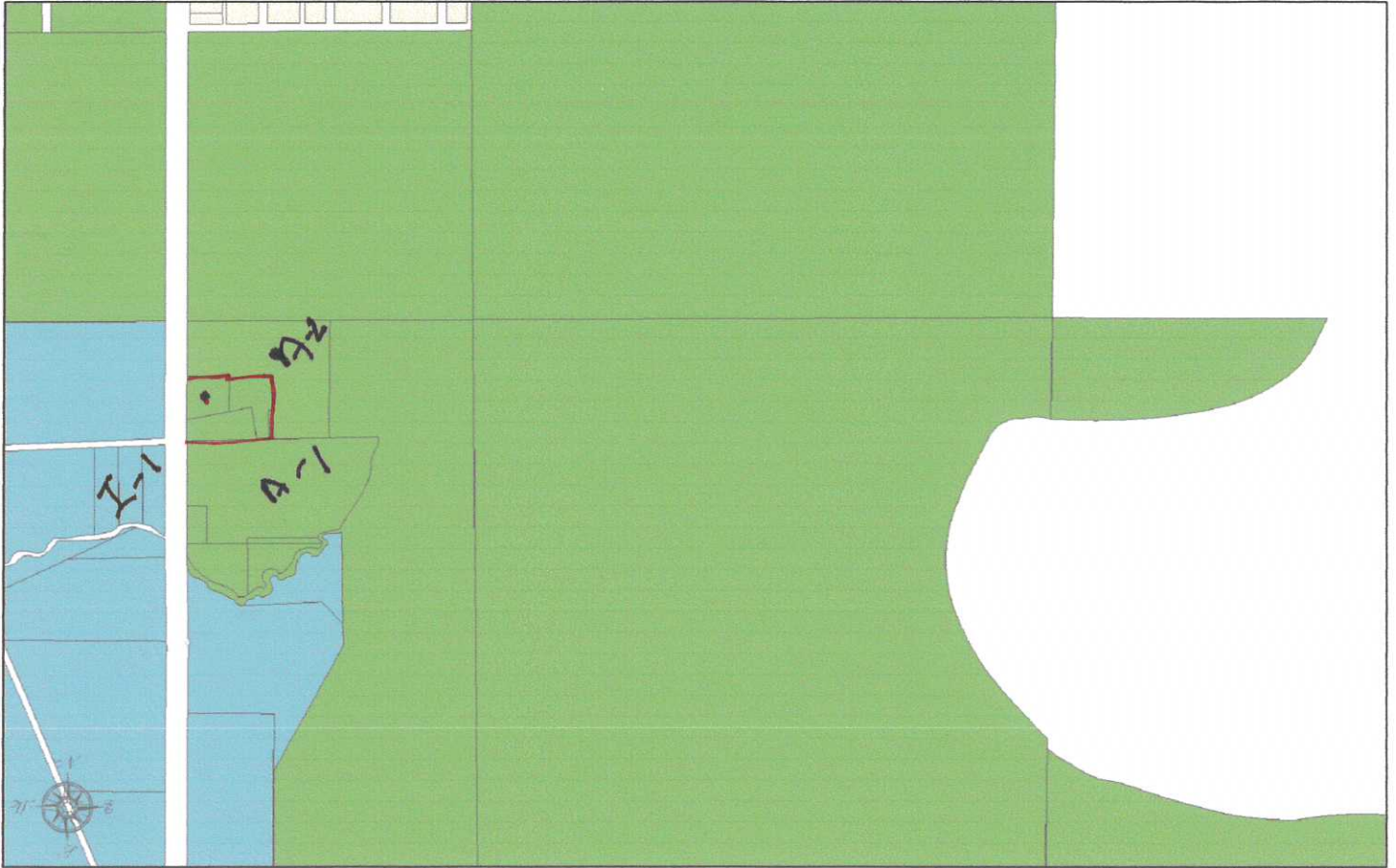
NUMBER CODE BUILDING DESCRIPTION VALUE ELIGIBLE CLASS 1

*** NO BUILDING INFO ***

TOTAL PARCEL VALUE 7520

[View Tax](#)[Back](#)

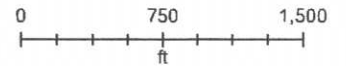
My Map



City of Hattiesburg, MS

DISCLAIMER: This map is ONLY FOR REFERENCE. There is NO WARRANTY of the accuracy of data. This information CANNOT be used as a substitute for legal, business, tax or other professional advice.

MAP DATE: August 19, 2015



Forrest County
Filed/Recorded DECEMBER 8 2014 10:06:00AM
Witness my hand and seal
Jimmy C. Howard
Clerk

INDEXING INSTRUCTIONS: Three Parcels, Section 14, T3N, R13W, Forrest County, MS

Prepared By:
Andy J. Alfonso, III
Attorney at Law
2112 Bicville Blvd., Suite H1
Ocean Springs, MS 39564
(228) 818-5552

Return to:
Andy J. Alfonso, III
Attorney at Law
2112 Bicville Blvd., Suite H1
Ocean Springs, MS 39564
(228) 818-5552

STATE OF MISSISSIPPI
COUNTY OF FORREST

WARRANTY DEED

FOR AND CONSIDERATION of the sum of TEN AND NO/100 DOLLARS (\$10.00), cash in hand paid and other good, legal and valuable considerations, the receipt of all of which is hereby acknowledged, the undersigned

Thomas Hickman and Sarah Hickman
P.O. Box 6271
Diberville, MS 39540

do hereby sell, convey and warranty unto

George Walters
P.O. Box 6
Laurel, MS 39441

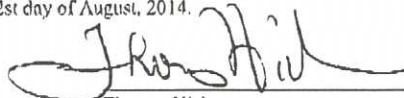
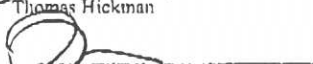
as joint tenants with full right of survivorship and not as tenants in common the land and property situated in the County of Forrest, State of Mississippi, described as follows, to-wit:

SEE EXHIBIT "A"

THIS CONVEYANCE is made subject to all applicable building restrictions, restrictive covenants, easements and mineral reservations of record.

IT IS AGREED and understood that the taxes for the current year have been prorated as of this date on an estimated basis. When said taxes are actually determined, if the proration as of this date is incorrect, the Grantor agrees to pay to the Grantee or his/her assigns any amount which is a deficit on an actual proration and likewise, the Grantee agrees to pay to the Grantor any amount overpaid by the Grantor.

WITNESS THE SIGNATURES of the Grantors, this the 22nd day of August, 2014.

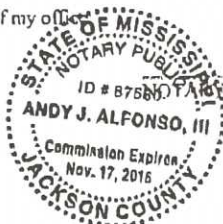

Thomas Hickman

Sarah Hickman

Inst. 727583
Bk 1190 Pg 0531

STATE OF MISSISSIPPI
COUNTY OF _____

PERSONALLY appeared before me, the undersigned authority in and for the said county and state on this 22nd day of August, 2014, within my jurisdiction, the within named Thomas Hickman and Sarah Hickman, who acknowledged that they executed the above and foregoing instrument.

GIVEN under my hand and the official seal of my office



My Commission Expires:

File #WALTERS

EXHIBIT "A"

PARCEL ONE: Commence at the Northwest corner of the Northeast 1/4 of the Southwest 1/4 of Section 14, Township 4 North, Range 13 West, Forrest County, Mississippi; and run South for 278.00 feet; thence run South 89°07'27" East for 197.12 feet to a 5/8-inch rebar; thence run South 00°02'01" East for 8.35 feet to a 1/4-inch rebar and the point of beginning; from the point of beginning, run North 89°53'42" East for 195.16 feet to a 1/4-inch rebar; thence run South 00°50'44" East for 153.72 feet to a 1/4-inch rebar; thence run South 81°39'01" West for 25.15 feet to a 1/4-inch rebar; thence run South 08°20'59" East for 126.86 feet to a 1/4-inch rebar; thence run North 89°24'59" West for 52.61 feet to a 1/4-inch rebar; thence run North 08°20'59" West for 141.00 feet to a 1/4-inch rebar; thence run South 81°39'01" West for 119.05 feet to a 3/4-inch iron pipe; thence run North 00°02'01" West for 159.76 feet back to the point of beginning. Said parcel of land is part of the Northeast 1/4 of the Southwest 1/4 of Section 14, Township 4 North, Range 13 West, Forrest County, Mississippi, and contains 0.84 acre, more or less.

AND ALSO PARCEL TWO: Commence at the Northwest corner of the Northeast 1/4 of the Southwest 1/4 of Section 14, Township 4 North, Range 13 West, Forrest County, Mississippi; and run South for 278.00 feet to a 3/4-inch iron pipe and the point of beginning; from the point of beginning, run South 89°07'27" East for 197.12 feet to a 5/8-inch rebar; thence run South 00°02'01" East for 168.11 feet to a 3/4-inch iron pipe; thence run South 81°39'01" West for 199.95 feet to a 3/4-inch iron pipe; thence run North 00°10'51" East for 200.15 feet back to the point of beginning. Said parcel of land is part of the Northeast 1/4 of the Southwest 1/4 of Section 14, Township 4 North, Range 13 West, Forrest County, Mississippi, and contains 0.83 acre, more or less.

AND ALSO PARCEL THREE: Commence at the Northwest corner of the Northeast 1/4 of the Southwest 1/4 of Section 14, Township 4 North, Range 13

West, Forrest County, Mississippi; and run South for 278.00 feet to a 3/4-inch iron pipe; thence run South 00°10'51" West for 200.15 feet to a 3/4-inch iron pipe and the point of beginning; from the point of beginning, run North 81°39'01" East for 319.00 feet to a 1/4-inch rebar; thence run South 08°20'59" East for 141.00 feet to a 1/4-inch rebar; thence run South 81°39'01" West for 336.45 feet to a 1/4-inch rebar; thence run North 01°17'41" West for 142.08 feet back to the point of beginning. Said parcel of land is part of the Northeast 1/4 of the Southwest 1/4 of Section 14, Township 4 North, Range 13 West, Forrest County, Mississippi, and contains 1.06 acres, more or less.

2.73 AC

Inst. 727583
Bk 1190 Pg 0532

Forrest County
Filed/Recorded AUGUST 2 2010 11:43:00AM
Witness my hand and seal
Jimmy C. Howard
Chancery Clerk

Prepared by: R. CRATIN LUCKETT, Esq.
LUCKETT LAND TITLE, INC.
918 Washington Avenue
Ocean Springs, MS 39564
(228) 875-0176 MS Bar #100142

Return to: LUCKETT LAND TITLE, INC.
918 Washington Avenue
Ocean Springs, MS 39564
(228) 875-0176

STATE OF MISSISSIPPI
COUNTY OF FORREST

WARRANTY DEED

For and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable consideration, cash in hand paid, the receipt of which is hereby acknowledged, we,

MARIA J. DURHAM
15 Durham Drive
Petal, Mississippi 39465
~~601-545-6334~~ *DL*

do hereby sell, convey and warrant unto

THOMAS HICKMAN and SARAH HICKMAN
P.O. Box 6271
D'Iberville, Mississippi 39540
~~228-396-1646~~ *DL*

not as tenants in common, but as joint tenants with right of survivorship in either, the property situated and being in FORREST County, State of MISSISSIPPI, described as follows, to wit:

PARCEL ONE: Commence at the Northwest corner of the Northeast 1/4 of the Southwest 1/4 of Section 14, Township 4 North, Range 13 West, Forrest County, Mississippi; and run South for 278.00 feet; thence run South 89°07'27" East for 197.12 feet to a 5/8-inch rebar; thence run South 00°02'01" East for 8.35 feet to a 1/2-inch rebar and the point of beginning; from the point of beginning, run North 89°53'42" East for 195.16 feet to a 1/2-inch rebar; thence run South 00°50'44" East for 153.72 feet to a 1/2-inch rebar; thence run South 81°39'01" West for 25.15 feet to a 1/2-inch rebar; thence run South 08°20'59" East for 126.86 feet to a 1/2-inch rebar; thence run North 89°24'59" West for 52.61 feet to a 1/2-inch rebar; thence run North 08°20'59" West for 141.00 feet to a 1/2-inch rebar; thence run South 81°39'01" West for 119.05 feet to a 3/4-inch iron pipe; thence run North 00°02'01" West for 159.76 feet back to the point of beginning. Said parcel of land is part of the Northeast 1/4 of the Southwest 1/4 of Section 14, Township 4 North, Range 13 West, Forrest County, Mississippi, and contains 0.84 acre, more or less.

AND ALSO PARCEL TWO: Commence at the Northwest corner of the Northeast 1/4 of the Southwest 1/4 of Section 14, Township 4 North, Range 13 West, Forrest County, Mississippi; and run South for 278.00 feet to a 3/4-inch iron pipe and the point of beginning; from the point of beginning, run South 89°07'27" East for 197.12 feet to a 5/8-inch rebar; thence run South 00°02'01" East for 168.11 feet to a 3/4-inch iron pipe; thence run South 81°39'01" West for 199.95 feet to a 3/4-inch iron pipe; thence run North 00°10'51" East for 200.15 feet back to the point of beginning. Said parcel of land is part of the Northeast 1/4 of the Southwest 1/4 of Section 14, Township 4 North, Range 13 West, Forrest County, Mississippi, and contains 0.83 acre, more or less.

AND ALSO PARCEL THREE: Commence at the Northwest corner of the Northeast 1/4 of the Southwest 1/4 of Section 14, Township 4 North, Range 13

Inst. 661223
Bk 1086 Pg 0192

West, Forrest County, Mississippi; and run South for 278.00 feet to a 3/4-inch iron pipe; thence run South 00°10'51" West for 200.15 feet to a 3/4-inch iron pipe and the point of beginning; from the point of beginning, run North 81°39'01" East for 319.00 feet to a 1/2-inch rebar; thence run South 08°20'59" East for 141.00 feet to a 1/2-inch rebar; thence run South 81°39'01" West for 336.45 feet to a 1/2-inch rebar; thence run North 01°17'41" West for 142.08 feet back to the point of beginning. Said parcel of land is part of the Northeast 1/4 of the Southwest 1/4 of Section 14, Township 4 North, Range 13 West, Forrest County, Mississippi, and contains 1.06 acres, more or less.

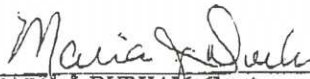
INDEXING: Three (3) parcels, Sec. 14, T4N, R13W, Forrest County, MS

William W. Durham, joint tenant on Quitclaim Deed dated August 16, 1995, recorded in Book 735, Page 659, Land Deed Records of Forrest County, Mississippi, is deceased, his date of death being May 22, 2008, as is evidenced by Certificate of Death attached hereto.

Ad valorem taxes have been prorated as of the date of this conveyance, and are hereby assumed by the Grantees herein.

This conveyance is subject to any and all restrictions, easements and reservations affecting said property of record in the office of the Chancery Clerk of FORREST COUNTY, Mississippi..

WITNESS THE SIGNATURE of the undersigned on this the 25th day of June, 2010.


MARIA J. DURHAM, Grantor

STATE OF MISSISSIPPI

COUNTY OF Lamar

Personally came and appeared before me, the undersigned authority, in and for the above named County and State, the within named Maria J. Durham, who acknowledged to me that she signed and delivered the above and foregoing instrument on the day and date therein mentioned.

GIVEN under my hand and seal of office on this the 25th day of June, 2010.



bjm


NOTARY PUBLIC

My Commission Expires:

Inst. 661223
Bk 1086 Pg 0193

STATE OF MISSISSIPPI

MISSISSIPPI STATE DEPARTMENT OF HEALTH
VITAL RECORDS

TYPE OF PRINT WITH BLACK INK		FILING DATE		MAY 20 2008		CERTIFICATE OF DEATH		STATE FILE NUMBER		12308-010992	
DECEASED		1. NAME		First Middle Last		2. SEX		3a. HOUR OF DEATH		3b. DATE OF DEATH (Month, Day, Year)	
		William Walter Durham Sr.		Male				8:30 PM		5/22/08	
		4. RACE (Specify White, Black, American Indian, etc.)		5a. AGE AT LAST BIRTHDAY		ONLY IF UNDER 1 YEAR ONLY IF UNDER 1 DAY		6. DATE OF BIRTH (Month, Day, Year)		7. COUNTY OF DEATH	
		White		65 YEARS		1-10-1943				HINDS	
		7b. CITY OR TOWN OF DEATH		7c. HOSPITAL OR OTHER INSTITUTION NAME AND NUMBER (If not in either, give street address, room number or other location)		7d. IF IN HOSP. OR INST. SPECIFY (If not, specify name of inst.)		7e. STATE OF BIRTH			
		JACKSON		ST. DOMINIC JACOBIN MEM. HOSP. (25S)		INPT.		AR			
If death occurred in an institution, see HANDBOOK regarding completion of RESIDENCE, HINDS		8. DECEDENT'S EDUCATION (Specify only highest grade completed)		9. MARRIED, NEVER MARRIED, WIDOWED, DIVORCED (Specify)		10. SURVIVING SPOUSE (If with, give name; if not, specify name of spouse)		11. WAS DECEASED EVER IN U.S. ARMED FORCES? (Yes or No)			
		13. ORIGIN OR DESCENT (Specify Cuban, Afro-American, Mexican, etc.)		14. SOCIAL SECURITY NUMBER		15. USUAL OCCUPATION (Kind of work done)		16. KIND OF BUSINESS OR INDUSTRY			
		AMERICAN		428-76-6809		DISABLED		NA			
For RESIDENCE, HINDS, enter actual residence of home with full street, mailing address		10a. RESIDENCE—STATE		10b. COUNTY		10c. CITY OR TOWN		10d. INSIDE CITY LIMITS (Specify Yes or No)		10e. STREET AND NUMBER OR RURAL LOCATION	
		MS		LAMAR		LUMBERTON		NO		824 OLD HWY. 11	
PARENTS		17. FATHER—NAME		18. MOTHER—NAME		19. MAILING ADDRESS (Street and number or route and box number, City or town, State, ZIP code)		20. STREET AND NUMBER OR RURAL LOCATION			
		JAMES W. DURHAM		JEAN STEPHENSON		824 OLD HWY. 11 LUMBERTON, MS. 39455					
INFORMANT		19a. INFORMANT—NAME (Type of print)		19b. MAILING ADDRESS (Street and number or route and box number, City or town, State, ZIP code)		20a. BIRTH, CREMATION, REMOVAL (Specify)		20b. CEMETERY, CREMATORY—NAME		20c. LOCATION (City and State)	
		MARIA DURHAM		824 OLD HWY. 11 LUMBERTON, MS. 39455		CREMATION		CENTRAL MS. CREMATORY		PEARL, MS	
DISPOSITION		21b. FUNERAL HOME—NAME AND MICHIGAN LICENSE NUMBER		21c. MAILING ADDRESS (Street and number or route and box number, City or town, State, ZIP code)		22a. PERSON WHO PRONOUNCED DEATH—NAME AND TITLE (Type of print)		22b. PRONOUNCED DEAD (Month, Day, Year)		22c. PRONOUNCED DEAD (Hour)	
		OTT & LEE FUNERAL HOME - 610		P.O. BOX 1597 Brandon, MS 39043-1597		Thomas P. Mills, MD		ON May 22, 2008		8:30 PM	
PRONOUNCEMENT		23a. CERTIFIER—NAME (Type of print)		23b. MAILING ADDRESS (Street and number or route and box number, City or town, State, ZIP code)		24a. DATE SIGNED (Month, Day, Year)		24b. STATE LICENSE NUMBER		24c. NAME OF ATTENDING PHYSICIAN (If other than certifier, Type of print)	
		Thomas Mills		970 Lakeland Dr #49 Jackson, MS		5/23/08		MS11353		Deborah S. Skelton, MD	
MICHIGAN STATE BOARD OF HEALTH Form No. 511 Revised 1-1-83		25a. SIGNATURE (Type of print)		25b. DATE SIGNED (Month, Day, Year)		25c. STATE LICENSE NUMBER		25d. NAME OF ATTENDING PHYSICIAN (If other than certifier, Type of print)		25e. DATE SIGNED (Month, Day, Year)	
		Thomas P. Mills		5/23/08		MS11353		Deborah S. Skelton, MD		5/23/08	
CAUSE OF DEATH		33. PART I. IMMEDIATE CAUSE (Enter one cause only)		34. PART II. OTHER SIGNIFICANT CONDITIONS—Conditions contributing to death but not resulting in the underlying disease given in PART I		35. AUTOPSY (Yes or No)		36. WAS CASE REFERRED TO MEDICAL EXAMINER? (Yes or No)			
		(a) Multi System Organ Failure		(a) Septic Shock Syndrome		NO		NO			
		(b) Due to OR AS A CONSEQUENCE OF (Enter one cause only)		(b) Due to OR AS A CONSEQUENCE OF (Enter one cause only)							
		(c) Urinary Tract Infection		(c) Urinary Tract Infection							
Conditions, if any, which gave rise to immediate cause giving the underlying cause last											
Had Decedent been Pregnant Within 90 Days Prior to Death?		26a. ACCIDENT, SUICIDE, HOMICIDE, PENDING INVESTIGATION, OR UNDETERMINED (Specify)		26b. DATE OF INJURY (Month, Day, Year)		26c. HOUR OF INJURY		26d. DESCRIBE HOW OR BY WHAT MEANS INJURY OCCURRED			
		26a. NO		26b. NO		26c. NO		26d. NO			
26e. INJURY AT WORK (Yes or No)		26f. PLACE OF INJURY (Specify Home, Farm, Street, Factory, Other Building, etc.)		26g. LOCATION		26h. STREET AND NUMBER		26i. CITY OR TOWN		26j. STATE	
		26e. NO									

THIS IS TO CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF THE CERTIFICATE ON FILE IN THIS OFFICE

Judy Moulder
Judy Moulder
STATE REGISTRAR

WARNING.

A REPRODUCTION OF THIS DOCUMENT RENDERS IT VOID AND INVALID. (DO NOT ACCEPT UNLESS EMBOSSED SEAL OF THE MISSISSIPPI STATE BOARD OF HEALTH IS PRESENT IT IS ILLEGAL TO ALTER)

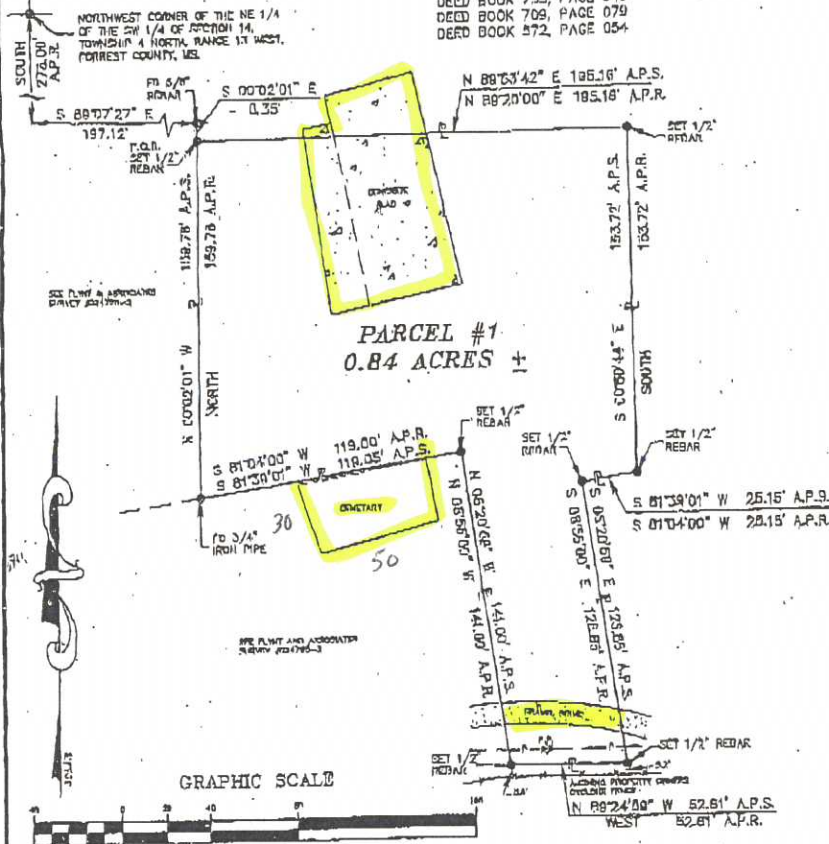
Inst. 661223
Bk 1086 Pg 0194

DESCRIPTION AS PER MLYNT & ASSOCIATES SURVEY:
COMMENCE AT THE NORTHWEST CORNER OF THE NE 1/4 OF THE SW 1/4 OF SECTION 14, TOWNSHIP 4 NORTH, RANGE 13 WEST, FOREST COUNTY, MISSISSIPPI AND RUN SOUTH FOR 278.00 FEET; THENCE RUN S89D17'27"E FOR 197.12 FEET TO A 3/8" REBAR; THENCE RUN S00D21°01'E FOR 0.35 FEET TO A 1/2" REBAR AND THE POINT OF BEGINNING. FEET TO A 3/8" REBAR; THENCE RUN N89°53'42"E FOR 193.16 FEET TO A 1/2" REBAR; THENCE RUN S00D50°44"E FROM THE POINT OF BEGINNING RUN THENCE RUN S81°39'01"W FOR 25.15 FEET TO A 1/2" REBAR; THENCE RUN FOR 153.72 FEET TO A 1/2" REBAR; THENCE RUN N89°53'42"E FOR 193.16 FEET TO A 1/2" REBAR; THENCE RUN S02D08°39"E FOR 129.88 FEET TO A 1/2" REBAR; THENCE RUN N08°24'59"W FOR 52.01 FEET TO A 1/2" REBAR; THENCE RUN N08°24'59"W FOR 141.00 FEET TO A 1/2" REBAR; THENCE RUN S81°39'01"W FOR 119.05 FEET TO A 3/4" IRON PIPE; THENCE RUN N00D21°01'W FOR 159.76 FEET BACK TO THE POINT OF BEGINNING. SAID PARCEL OF LAND IS PART OF THE NE 1/4 OF THE SW 1/4 OF SECTION 14, TOWNSHIP 4 NORTH, RANGE 13 WEST, FOREST COUNTY, MISSISSIPPI AND CONTAINS 0.84 ACRES, MORE OR LESS.

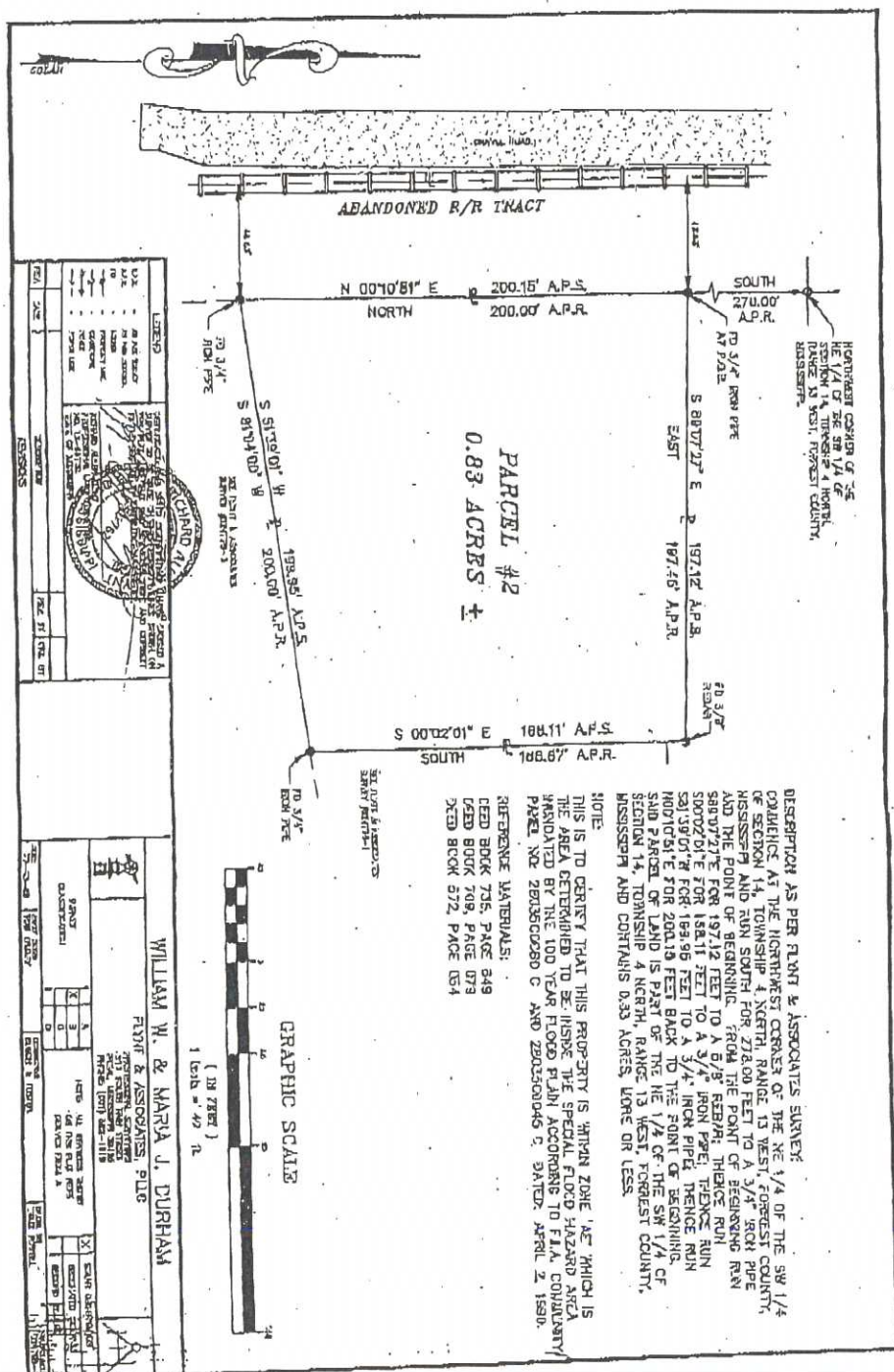
NOTE: THIS IS TO CERTIFY THAT THIS PROPERTY IS WITHIN ZONE 'AE' WHICH IS THE AREA DETERMINED TO BE INSIDE THE SPECIAL FLOOD HAZARD AREA INUNDATED BY THE 100 YEAR FLOOD PLAIN ACCORDING TO F.I.A. COMMUNITY PANEL NO: 28033C0090 C AND 28033C0045 C DATED: APRIL 2, 1980.

REFERENCE MATERIALS:

DEED BOOK 735, PAGE 049
DEED BOOK 709, PAGE 079
DEED BOOK 572, PAGE 054



 (IN TEST)		WILLIAM W. & MARIA J. DURHAM PLTN & ASSOCIATES, PLC PROFESSIONAL BUSINESS 231 STATE STREET FALL RIVER, MASS 01923 (508) 666-5416	
ISSUED ALL AS FOR RENT LEASE TO FOR FOR FOR FOR FOR	RECORDED INDEXED FILED NOTED NOTED NOTED NOTED	NOTED NOTED NOTED NOTED NOTED NOTED NOTED	NOTED NOTED NOTED NOTED NOTED NOTED NOTED
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APPRAISAL REVIEW REPORT

Parcel Number(s)	TR 3 Rev. (PPIN 026826)
Owner	James M. Oberlies Trust
Occupied / Leased	Occupied
County	Forrest
Project Number	N-S No. 12273.04 (Wastewater Plant Access Road)
FAP Number	
Project Description	Wastewater Plant Access Road
Effective Date of Review Report	8/26/2015
Review Report Date	9/01/2015
Review Report Requested for	Original Appraisal

Prepared For

**City of Hattiesburg
Mayor and Board of Alderman**

C/O: Jackson & Arrington
Attn: Robert T. Jackson, Jr.
309 South 40th Avenue
Hattiesburg, MS 39402

This Appraisal Review Report Was Prepared By
John B. "Jeb" Stewart, SR/WA
State Licensed Certified General Real Estate Appraiser # 231
3340 North Liberty Street, Canton, MS 39046

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Appraisal Review of Fair Market Value

Identification of the Appraisal Report Under Review	
Owner:	James M. Oberlies Trust
Parcel No:	TR 3 Rev. (PPIN 026826)
Project No:	N-S No. 12273.04 (Wastewater Plant Access Road)
County:	Forrest

Identification of Client and Intended Users

The city of Hattiesburg requested an appraisal review of the property described in this report. The intended user of this appraisal review report is the city of Hattiesburg and such employees or agents authorized by the city of Hattiesburg to utilize the information contained herein.

Intended Use of the Appraisal Review Report

The opinions, reasons, and conclusions contained in this appraisal review report approve or recommend an estimate of just compensation, contained in the appraisal report under review, as prescribed under the laws of the State of Mississippi, payable for the acquisition of specified real property rights, being acquired for public use. The estimate of just compensation approved or recommended in this appraisal review report includes the fair market value of the property, damages to the remaining property, if any, and such curative costs as are permitted by the Laws of the State of Mississippi and serves as the basis for the establishment of the amount believed to be just compensation for the acquisition of the "real property" described herein

Fair Market Value Defined

Fair Market Value as defined in the appraisal report under review is "the most probable price, as of a specified date, in cash, or in terms equivalent to cash, or in other precisely revealed terms, for which the specified property rights should sell after reasonable exposure in competitive market under all conditions requisite to a fair sale, with the buyer and seller each acting prudently, knowledgeably, and for self-interest, and assuming that neither is under undue duress".

Does this acquisition involve relocation assistance?	☐ Yes	☒ No
The basis for this estimate is:	☒ Sales Comparison Approach	☐ Cost Approach
Appraisal Effective Date:	8/19/2015	Report Date: 8/28/2015
Appraisal By:	George W. Null, Jr., MAI, GA-231	
Other Appraisals By:		Date:
Remainder:	Uneconomic Remnant	☐ Yes ☒ No
Estate Appraised and Under Review	☒ Fee	Area of Whole Tract 5.70 acres
	☐ Easement	Area of Remaining Tract 5.36 acres
	☐ Other	Area to be Acquired 0.34 acres

The appraisal report considered under this appraisal review is:

- ☐ **Accepted** (meets all requirements but is not selected as recommended or approved)
- ☐ **Not Accepted** (refer to reviewer's comments and conclusions)
- ☒ **Recommended** (as the basis for the establishment of the amount believed to be just compensation)
- ☐ **Approved** (as the basis for the establishment of the amount believed to be just compensation)

Purpose of the Review Report	<i>Evaluate compliance with relevant USPAP, client requirement, and applicable regulations. If purpose of the assignment includes the development of the reviewer's opinion of value, then state whether the reviewer concurs or differs with the opinion of value under review.</i>
The purpose of this appraisal review report is to provide the client, The city of Hattiesburg, with a recommended estimate of just compensation to be used as the basis for the establishment of the amount believed to be just compensation for the acquisition of real property rights defined in the appraisal report under review. It has been prepared to reach a final conclusion as to the reliability of the value presented. In addition, the purpose of this review is to assure that the appraisal under review meets the requirements of the City of Hattiesburg, the Mississippi Department of Transportation, the Federal Highway Administration, and the <i>Uniform Appraisal Standards for Federal Land Acquisitions (UASFLA)</i>, which are compatible with standards and practices of the current edition of the Appraisal Foundation's <i>Uniform Standards of Professional Appraisal Practice (USPAP)</i>, except to the extent that adherence to requirements of the Uniform Act, (P.L. 91-646, as amended, 42 U.S.C §4601, et seq. 49 CFR Part 24) required invocation of the USPAP Jurisdictional Exception Rule in certain instances, so as to conform with over-riding federal law relating to the valuation of real estate for government acquisition purposes.	

Scope of Work of the Review Report	<i>(State the nature, extent, and detail of the review process)</i>
The process of this review involved both a field inspection of the property appraised, field inspection of applicable comparable sales used, and a desk review of the appraisal report itself. The desk review involved verification that the appraisal report is in compliance with the requirements and needs of the City of Hattiesburg, the Mississippi Department of Transportation, Mississippi State Law, regulations promulgated by the Federal Highway Administration, and the Uniform Standards of Professional Appraisal Practice. Also, the desk review is to assure that acceptable appraisal practice and techniques have been followed; proper data has been considered and explained, and that there are no relevant errors or mistakes in the report that would have an effect on the value or mislead the client. In regards to this review, Standards Rule 3-3(a-c) states: (a) When necessary for credible assignment results in the review of analyses, opinions and conclusions, the reviewer must: (i) Develop an opinion as to whether the analyses are appropriate within the context of the requirements applicable to that work. (ii) Develop an opinion as to whether the opinions and conclusions are credible within the context of the requirements applicable to that work; and (iii) Develop the reasons for any disagreement. (b) When necessary for credible assignment results in the review of a report, the reviewer must: (i) Develop an opinion as to whether the report is appropriate and not misleading within the context of the requirements applicable to that work; and (ii) Develop the reasons for any disagreement. (c) When the scope of work includes the reviewer developing his or her own opinion of value, review opinion, or real property appraisal consulting conclusion, the reviewer must comply with the Standard applicable to the development of that opinion. (i) The requirements of STANDARDS 1, 6, 7, and 9 apply to the reviewer's opinion of value for the property that is the subject of the appraisal review assignment. (ii) The requirements of STANDARD 3 apply to the reviewer's opinion of quality for the work that is the subject of the appraisal review assignment.	

Additions or Changes to the Scope of Work and Comments <i>(If necessary)</i>	<i>Describe the nature, extent and detail of the field/desk review or any other additional scope of work.</i>
NA	

Effective Date and Subject of the Review Report	State the effective date of the opinion of the work under review, and the subject of an appraisal review assignment (i.e., all or part of an appraisal report, work file, or a combination of both)
The effective date of this appraisal review report is 8/26/2015; the date the subject and related comparable sales were inspected by review. The appraisal under review has been developed in compliance with USPAP Standard Rule 1 and reported in compliance with Standard Rule 2-2(a) as a Appraisal Report. The appraiser has invoked USPAP's Jurisdictional Exception provision in regards to Standard Rules 1-3(a), 1-4(f), 2-2(a)(v), 2-2(a)(viii). Jurisdictional Exception is claimed based upon state law (Miss Code, Sec. 65-1-8) and federal laws and regulations (Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 and "The Uniform Appraisal Standards for Federal Land Acquisitions"). A Appraisal Report is based upon the depth of analysis presented. Based on the data presented in the report under review along with reference to the Market Data Books, the appraisal report under review is considered to be a Appraisal Report.	

Ownership Interest Appraised in the Report Under Review	
Fee Simple	

Summary of Approaches			
	Before Value	After Value	Difference
Sales Comparison Approach	\$34,200	\$32,160	\$2,040
Cost Approach			
Income Approach			

Description of the Property Under Review	(Size - Before, After and Acquisition; Improvements; Location of acquisition; etc..)
The subject property is located along the north side of Faulkner Street just west of Old Hwy 49 within the city limits of Hattiesburg. The property location is more specifically described as being in the NE ¼ SW ¼, Section 14, T4N, R13W, Forrest County, Hattiesburg, MS. The subject property consists of one (1) tax parcels containing 5.70 acres±. The area of the total tract was obtained from tax records and assumed to be accurate. Note; a survey of the total property was not provided. The subject property is irregular or L-shaped with 400 lf of frontage along Gulfport Street. This street is blocked as there are access gates installed south of the property line; although, this street is listed as a public street. There is an additional 294' of paved frontage along the narrow wastewater access road to the south; which is presumed to still be a public roadway known as Faulkner Street. For appraisal purposes, the subject property was valued as though the property was accessible via these two roadways. The property has a depth of 611' more or less. The property is located within the city limits of Hattiesburg; hence, enjoys all city amenities to include public sewer; police and fire protection; as well as use restrictions or zoning. Typical utility easements can be found on the property to include utility easements along the roadways which do not affect the use and enjoyment of the property. The property is currently zoned A-2; Agricultural-Residential District. The purpose of this District is to encourage and protect such uses from urbanization until such is needed and a change in classification is made. The area of the subject property is industrial in nature with the new industrial park being 3-4 miles SW of the subject property and the properties in the immediate vicinity of the subject property being utilized for quasi-public uses or public uses such as the sewage lagoon; garbage weigh station; public park; and for rubbish disposal by the city of Hattiesburg. The properties west of the subject is zoned I-1 as well as the properties south of	

Parcel No. TR 3 Rev. (PPIN 026826) **Project No.** N-S No. 12273.04 (Wastewater Plant Access Road)
 Review Appraisal Report (Revised: 2014)

Burkett's Creek with uses between the subject and Burkett's Creek being some type of quasi-public use.

The subject property is currently vacant property which appears to have been encroached upon along the western side of the property being an area where degradable debris (limbs and tree scraps) is being dumped. The surrounding uses are similar to a use found on a Heavy Industrial Site. It is noted; the subject property is currently zoned Agricultural by the city of Hattiesburg. Uses allowed under this zoning would be for utilities such as those uses previously described as both public and quasi-public uses conforming to other uses in the area.

The topography of the subject property is level being even with the grade of the roadway for the most part dropping off in the rear. The property appears to have been cleared or filled sometime in the past. The area of the subject is within flood zone AE; 100 year flood zone. The highest and best use of the subject property is some type of public or quasi-public use similar to a Heavy Industrial site.

The acquisition area consists of 0.34 acres more or less along the southern property boundary adjacent to Faulkner Road with a width varying from 39 feet along the western boundary to just over 63 feet along the eastern property line. The area in the SE corner appears to have an encroachment of the local road. The acquisition area is to be acquired in fee simple.

The remainder of the subject property consists of 5.36 acres more or less. This area was not considered to be adversely affected; hence, it is similar in the after condition as in the before. Therefore, there were no damages.

Comments	<i>State all known pertinent information sufficient for the client and intended users to adequately understand the rationale for the reviewer's opinion and conclusions.</i>
This is a "land only" appraisal for all practical purposes in which the appraiser analyzed four (4) land sales for the valuation of the land within the Sales Comparison Approach. The Jurisdictional Exception Rule has been invoked and explained. It is this reviewer's understanding that this does not affect the development of the report and Departure from USPAP Standards Rule 1 has not occurred. Also, the appraiser has met the requirements of a property owner contact. The owner was contacted and mailed a ROW Acquisition Guide and also other materials related to the property. The owner declined to be present during the field inspection; however, gave his permission for the appraiser to inspect the property. In the valuation of the subject property, the appraiser utilized four (4) sales ranging in size from 2.0 acres to 12.50 acres and ranging in value from \$4,800 per acre to \$16,360 per acre. The appraiser directly analyzed the four (4) sales and applied adjustments as deemed necessary and arrived at an indicated adjusted range of values for the subject property from a low of \$4,800 per acre to as high as \$8,180 per acre. Sales 3 and 4 were given the most weight with sale 4 being the most recent sale adjacent to the subject property. For the purpose of this appraisal, the middle of the adjusted range of value was adopted, or \$6,000 per acre. Hence, the indicated value of the subject property is then <u>\$34,200.</u> In the after condition, the remainder was considered essentially the same as in the before condition with the same unit value adopted or \$6,000 per acre for an indicated value of the remainder consisting of 5.36 acres at <u>\$32,160.</u> The difference or estimate Just Compensation is then <u>\$2,040.</u> <u>The only project number available that I was aware was the N-S Project No. or 12273.04</u>	

Conclusion	<i>Address the completeness of the material under review, adequacy and relevance of the data, appropriateness of the appraisal methods and techniques, and the appropriateness and reasonableness of the work under review, and state any disagreements. (State the opinions, reasons, conclusions required in SR 3-1(d-g) given the scope of work defined)</i>
As this is a partial acquisition from a "land only" property, the appraiser completed a total before and after appraisal of the subject site within the Sales Comparison Approach. The appraiser has properly applied the Sales Comparison Approach for the valuation of the subject site. The appraiser adopted the Sales Comparison Approach as it was considered the best estimate of value. The adopted value is adequately supported by market data and any adjustments were explained. The appraiser has provided adequate information as to the reasoning for his conclusions reached in this report.	
The value opinion stated in the report under review was developed in compliance with the applicable standards and requirements. I accept and recommend the appraisal report for use by the City of Hattiesburg.	
The final estimate of due compensations is \$2,040.	

The estimate of just compensation, which includes fair market value of the property, damages to the remaining property, if any, and such curative costs as are permitted by the Laws of the State of Mississippi, is \$2,040 and is recommended as the basis for the establishment of the amount believed to be just compensation.

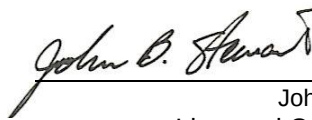
The recommended estimate of just compensation includes the following amounts compensable under State Law but not eligible for Federal reimbursements: (if none, state "none") none

Recommended Distribution of Final Estimate of Value

Parcel	Land	Improvements	Damages	Total
TR 3 Rev.	\$2,040	\$0	\$0	\$2,040
Total: Two Thousand Forty Dollars				

Date
9/01/2015

Review Appraiser



John B. "Jeb" Stewart, SR/WA
State Licensed Certified General Real Estate Appraiser # 231

Parcel No. TR 3 Rev. (PPIN 026826)

Project No. N-S No. 12273.04 (Wastewater Plant Access Road)

Review Appraisal Report (Revised: 2014)

Assumptions and Limiting Conditions

This appraisal review is subject to the following underlying assumptions and limiting conditions:

1. This review is of the property described in this report.
2. The reviewer has made no survey of the property and assumes that the areas and dimensions shown herein are correct. Any sketch or identified survey of the property included in this report is the only for the purpose of assisting the reader in visualizing the property.
3. The reviewer assumes that the proposed project will be constructed in accordance with plans provided to reviewer and within established proposed right-of-way limits except as when needed construction easements, either temporary or permanent in nature. Reviewer reserves the right to make changes or additions to this review when necessary if notified of any change, additions, or alterations in plans provided.
4. This review incorporates the assumptions and limiting conditions of the appraisal report under review and is based upon information, estimates, and opinions that were expressed in the appraisal report as well as other sources considered being reliable and believing them to be true and correct. The reviewer does not assume responsibility for the accuracy of such items that were furnished by other parties.
5. Possession of this report does not imply the right of publication and it may not be used without the consent of the city of Hattiesburg.
6. If relevant information or errors come to the attention of the review, the reviewer reserves the right to change and revise valuations in this report.
7. This report is to be used in its entirety. The reviewer is not responsible if any part of this report is used to the exclusion of the remainder.
8. The reviewer will not disclose the contents of this review or appraisal report, except as provided for in the Uniform Standards of Professional Appraisal Practice.
9. Reviewer assumes the property to be free and clear of any and all hazardous waste and material or environmental contaminants. Unless otherwise stated in the appraisal report, the reviewer has no knowledge of any hidden or unapparent conditions of the property or adverse conditions (including the presence of hazardous wastes, toxic substances, etc.) that would make the property more or less valuable, and has assumed that there are no such conditions and makes no guarantees or warranties, express or implied, regarding the condition of the property. The reviewer will not be responsible for any such conditions that do exist or for engineering or testing that might be required to discover whether such conditions exist. Because the reviewer is not an expert in the field of environmental hazards, the review report must not be considered an environmental assessment of the property.

There are no additional assumptions and limiting conditions applicable to this review appraisal.

NA

Certificate of Review Appraiser

I certify that, to the best of my knowledge and belief:

The facts and data reported by the review appraiser and used in the review process are true and correct.

The analyses, opinions, and conclusions in this review report are limited only by the assumption and limiting conditions stated in this review report, and are my personal, unbiased professional analyses, opinions, and conclusions. The recommended estimate of just compensation has been reached independently based on appraisal(s) and other factual data or record without collaboration.

I have no present or prospective interest in the property that is the subject of this report and I have no personal interest or bias with respect to the parties involved. I have no bias with respect to the property that is the subject of this report or to the parties involved with this assignment.

My engagement in this assignment was not contingent upon developing or reporting predetermined results and my compensation is not contingent on the analyses, opinions, or conclusions reached or reported.

The real property appraisal review documented in this appraisal review report was completed in accordance with the requirements of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (42 USC 4601 et seq.), and requirements for appraisal review as outlined in 49 CFR 24, Subpart B, dated January 4, 2005. To the extent appropriate under the Laws of the State of Mississippi, the real property appraisal review documented in this appraisal review report was completed in conformity with the Uniform Appraisal Standards for Federal Land Acquisitions (UASFLA), which are compatible with standards and practices of the Appraisal Foundation's Uniform Standards of Professional Appraisal Practice (USPAP), except to the extent that compliance with the Uniform Act, 49 CFR 24, and the UASFLA required invocation of the (USPAP) Jurisdictional Exception Rule in certain instances, so as to conform with the over-riding federal law relating to the valuation of real estate for government acquisition purposes.

I did personally inspect the subject property of the work under review, and I did personally inspected the market comparables sited in the appraisal report under review, and I did not personally verify the factual data presented in the appraisal report under review.

I understand that this estimate may be used in connection with Federal Aid Highway Project.

Unless expressly stated otherwise in this report, no one provided significant professional assistance to the review appraiser signing this review report.

The value estimate is based on the assumption that the property is not negatively affected by the existence of hazardous substances or detrimental environmental conditions unless otherwise stated in this report. The reviewer is not an expert in the identification of hazardous substances or detrimental environmental conditions. The reviewer's routine inspection of and inquiry about the subject property did not develop any information that indicated any apparent significant hazardous substances or detrimental environmental condition which would affect the property negatively unless otherwise stated in the report. It is possible that tests and inspections made by a qualified hazardous substances or environmental expert would reveal the existence of hazardous substances or detrimental environmental conditions on or around the property that would negatively affect its value. The reviewer reserves the right to make necessary adjustments, if needed, in this report of any hazardous substances or detrimental environmental conditions are discovered on or around the property being appraised. The review process has been made with the assumption that the appraised property and other properties around the appraised property are free and clear of any hazardous substances or detrimental environmental conditions.

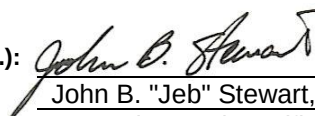
I have not performed any services regarding the subject property by the appraiser within the three (3) year period immediately preceding acceptance of the assignment, as an appraiser or any other capacity;

Based upon my independent review of the attached appraisal report and the exercise of my professional judgment, the recommended estimate of just compensation is \$2,040.

Review Appraiser (sig.):

(print name)

(license)



John B. "Jeb" Stewart, SR/WA

State Licensed Certified General Real Estate

Appraiser # 231

Date: 9/01/2015

Parcel No. TR 3 Rev. (PPIN 026826)

Project No. N-S No. 12273.04 (Wastewater Plant Access Road)

Review Appraisal Report (Revised: 2014)

**REAL PROPERTY APPRAISAL REPORT
of
LAND**

Owner James M. Oberlies Trust
Parcel Tract TR 3 Rev
Occupied / Leased Owner Occupied
County Forrest
Project Description Wastewater Plant Access Road
Effective Date of the Appraisal 08/19/2015
Report Date 08/28/2015
Report Requested for Original Appraisal

This Appraisal and Appraisal Report Was Prepared By

**Collins and Null Appraisals, Inc.
6760 US Highway 98, Suite 2
Hattiesburg, MS 39402**



6760 US Hwy 98, Suite 2 Hattiesburg, MS 39402
601-271-9044 (T) 601-271-9099 (F)

Prepared For:

City of Hattiesburg

**C/O: Rob Jackson
Jackson & Arrington, PLLC
309 South 40th Avenue
P.O. Box 15517**

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Narrative Appraisal Report

PPIN No.	26826	Project No. (new)	
FAP No.		Project No. (old)	
County	Forrest		
Owner(s):	James M. Oberlies Trust	Address:	P.O. Box 1898
Phone:	228-861-0124		Hattiesburg, MS 39403
Occupant(s):		Address:	300 Faulkner Street
Phone:			Hattiesburg, MS 39401

Estate Appraised:	☒ Fee	Area of Whole Tract	5.70 +/- acres
	☐ Easement	Area of Remaining Tract	5.36 +/- acres
	☐ Other	Area to be Acquired	0.34 acres

Within the scope of the assignment and consistent with USPAP Standard Rules 1 and 2-2, the following analyses, opinions and conclusions have been developed and are reported in this **summary** appraisal report. Within the Scope of Work which is described in more detail later in this report, it may be necessary to invoke the Jurisdictional Exception Rule of the USPAP in certain instances so as to maintain conformity with the Uniform Appraisal Standards for Federal Land Acquisitions, and compliance with certain laws of the State of Mississippi, and certain Federal Regulations promulgated pursuant to The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, P.L. 91-646, as amended, 42 U.S.C §4601, et seq., and regulations promulgated pursuant thereto found at 49 C.F.R. Part 24.

Property Owner Contact Record

Subject Property Inspection Dates: 08/19/2015

The property owner or their designated representative **was** offered an opportunity to accompany the appraiser performing this appraisal during the appraisal inspection of the property. George Null offered James Oberlies an opportunity to meet on 08/21/15. He declined and said he did not need to be present during the inspection. He was mailed a contact letter and a copy of the plat provided by the city on 08/21/15.

Contact Comments			
George Null spoke with Mr. Oberlie on 08/21/15. We discussed the property, the acquisition area, and the acquisition process. Mr. Oberlie stated he bought the property many years ago at auction and had not done much with it since that time. He said he was interested in selling the entire parcel if the city needed it. He said he did not need to be present and that we could go ahead and inspect the site.			
Is the Property being Leased or Rented? ☐ Yes ☒ No			
Lessor:		Lessee:	
Terms of Lease:			

Appraiser:
(signature)



Date: 08/28/2015

(print name)
(license type)

George W. Null, Jr.
State Licensed Certified General Real Estate Appraiser
GA-679

Summary of Facts and Findings

Project No. Wastewater Access Road Project	Parcel No. Tract: TR 3 Rev
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Property Owner: James M. Oberlies Trust Address: 300 Faulkner Street, Hattiesburg, MS 39401 Phone: 228-861-0124	Leasehold (Tenants) Address: Phone:
--	--

Identification of the Property Appraised:	<i>Brief description of property identification, such as Section, Township, Range, Lot and Block, Street Address, etc.</i>
The property is located along the north side of Faulkner Street, in the NE ¼ of the SW ¼ of Section 14, Township 4 N, Range 13 W. This is a vacant, cleared parcel of land. There appears to have been some material stored on the property at some time in the past.	
Estate Appraised:	<i>(Fee, Easement, Other)</i>
Fee Simple	

Size of the Whole Tract (Before):	5.7+/- acres
Size of the Remaining Parcel (After):	5.36+/- acres
Size of the Area to be Acquired:	0.34 acres

Highest and Best Use Before (Whole Tract):	Storage facility or quasi-governmental uses such as: land field, sewer treatment facility, or other waste related uses
Highest and Best Use After (Whole Tract):	Storage facility or quasi-governmental uses such as: land field, sewer treatment facility, or other waste related uses
Size of the Larger Parcel(s) (If different from the Whole Tract)	
Highest and Best Use of the Larger Parcel(s)	Storage facility or quasi-governmental uses such as: land field, sewer treatment facility, or other waste related uses
Unit Value of the Land (Before)	\$6,000/Acre
Unit Value of the Land and Improvements (Before)	N/A
Unit Value of the Land (After)	\$6,000/Acre
Unit Value of the Land and Improvements (After)	N/A
Improvements: The property is unimproved.	<i>(Briefly describe the improvements, such as, single family house, shed, barn, etc.)(List any personal property not covered in the appraisal report.)</i>

Total Before Value:	\$34,200
Total After Value:	\$32,160
Just Compensation:	\$2,040

Allocation of Compensation for All interest: <i>(List all interest such as Q interest, Temporary Easements, Warranty Deeds, etc.)</i>				
PPIN Numbers	Land	Improvements	Damages	Total
26826	\$2,040	\$0	\$0	\$2,040

Effective Date of the Appraisal:	08/19/2015
Date of Report:	08/28/2015

Certificate of Appraiser

I certify that, to the best of my knowledge and belief:

The statements of fact contained in this report are true and correct;

Collins and Null Appraisals, Inc. has not appraised this property within the last three years.

The reported analyses, opinions, and conclusions are limited only by the reported assumptions and limiting conditions, and legal instructions and are my personal, impartial, and unbiased professional analyses, opinions, and conclusions;

I have no present or prospective interest in the property appraised and no personal interest or bias with respect to the parties involved;

Neither my engagement or my compensation for completing this appraisal assignment was contingent upon my developing or reporting a predetermined result, predetermined value or direction in value that favors the cause of the client, the amount of the value opinion, the attainment of a stipulated result, or the occurrence of a subsequent event directly related to the intended use of this appraisal;

The real property appraisal documented in this appraisal report was completed in accordance with the requirements of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (42 USC 4601 et seq.), and requirements for appraisals as outlined in 49 CFR 24, Subpart B, dated January 4, 2005. To the extent appropriate under the Laws of the State of Mississippi, the real property appraisal documented in this appraisal report was completed in conformity with the Uniform Appraisal Standards for Federal Land Acquisitions (UASFLA), which are compatible with standards and practices of the Appraisal Foundation's Uniform Standards of Professional Appraisal Practice (USPAP), except to the extent that compliance with the Uniform Act, 49 CFR 24, and the UASFLA required invocation of the (USPAP) Jurisdictional Exception Rule in certain instances, so as to conform with the over-riding federal law relating to the valuation of real estate for government acquisition purposes.

This appraisal conforms with the appropriate State laws, regulations, policies, and procedures applicable to the appraisal of rights of way for highway purposes;

Unless expressly stated otherwise in this report, I made a personal inspection of the property appraised and the property owner, or his/her designated represented, was given the opportunity to accompany me on the inspection;

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;

No one provided significant professional assistance to me in the performance of this appraisal except for the following named individuals: None

Unless expressly stated otherwise in this report, no one provided significant professional assistance to me in the performance of this appraisal;

I have not revealed the findings and results of this appraisal report to anyone other than the proper officials of the City of Hattiesburg, and I will not do so until authorized by the client or until required by law.

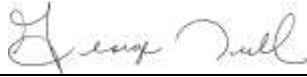
Based upon my independent appraisal and the exercise of my professional judgment, it is my opinion that the valuation of the subject property is as follows:

Fair Market Value of the Whole Tract (as defined in this report)	Before	<u>\$34,200</u>
Fair Market Value of the Remainder Property	After	<u>\$32,160</u>
The difference between the Fair Market Value of the whole tract and the remainder is		<u>\$2,040</u>

as of 08/19/2015, and is my opinion of just compensation, for the acquisition of the real property rights described in this appraisal report.

Date 08/28/2015

Appraiser (sig.)



(name)

George W. Null Jr.

(License)

State Licensed Certified General Real Estate Appraiser
GA-679

Appraisal Scope of the Work

Identification of Client and Intended Users

The City of Hattiesburg has requested appraisal of the property described in this report. The intended user of this appraisal report is the City of Hattiesburg and such employees or agents authorized by the City of Hattiesburg to utilize the information contained herein.

Intended Use of the Appraisal Report

The facts, analyses, opinions, and conclusions contained in this appraisal report establish an estimate of just compensation, as prescribed under the laws of the State of Mississippi, payable for the acquisition of specified real property rights, being acquired for public use. The estimate of just compensation in this appraisal report includes the fair market value of the property, damages to the remaining property, if any, and such curative costs as are permitted by the Laws of the State of Mississippi, and, upon determination by appraisal review that this appraisal report complies with all applicable standards and requirements, serves as the basis for the establishment of the amount believed to be just compensation for the acquisition of the "real property" described herein.

Purpose of the Appraisal

The purpose of the appraisal is to render an opinion as to the Fair Market Value of specified real property as of the stated date and, through application of the Before and After Rule as prescribed under the laws of the State of Mississippi, the valuation of the remainder of specified real property. The difference between these two valuations is the value being sought by the client and is reported to the client as the "opinion of just compensation".

Parameters of Data Search

The scope of the assignment is to collect and verify as completely as possible, comparable sales, and rentals, if applicable, from within the subject area, or other areas that, in the opinion of the appraiser, are reasonably comparable to the subject area, so that a value conclusion may be derived.

Sources of the data, utilized for this appraisal, include county deed records, real estate brokers, real estate appraisers, and other individuals knowledgeable in the local real estate market and, as applicable and appropriate, other individuals knowledgeable in specific types of property. One or more of the principals involved in the transactions, grantor, grantee, attorney, financier, broker of the transaction, or their representatives, have verified the market sales used in this report. Mississippi is a non-disclosure State. Other than the recordation of a deed, there is no legal requirement for grantors, grantees, or other parties to a transaction, to disclose any information relative to the transfer of real property. Since there is no legal requirement for the deed to include the transaction price when it is recorded, it is possible that there are transactions for which purchase price data could not be obtained.

Extent of Property Inspection

Per the **USPAP Scope of Work Rule**, "*The report must contain sufficient information to allow intended users to understand the scope of work performed*". The extent of the subject property inspection, including interior and exterior areas, is required content of the appraisal report per the USPAP scope of work rule and per guidance from the FHWA regarding requirements for scope of work. The "extent of the inspection process" includes, but is not limited to: a declaration as to the part or parts of the property that were actually viewed or not viewed during the inspection; for structures and other improvements, whether such items were physically measured by the appraiser, whether interior and/or exterior inspection was performed for each item, and a declaration regarding the level of detail associated with the inspection of tangible property. The following is a description of the extent of the inspection performed on the subject property for this appraisal assignment

George Null inspected the property on 08/19/2015. Old Property boundary staking was present in some cases and missing in others. I used the existing staking and plats to determine the approximate location of the acquisition area. We would recommend the property be re-staked prior to the conveyance.

Valuation Process

The data obtained is to be analyzed, when appropriate, via the Cost, Income, and Sales Comparison Approaches to Value, with appropriate support for any adjustments made and the value conclusions. The values derived via these three approaches, if applied, are then reconciled into final opinions of value for the subject property for both the before condition and after condition, respectively. The just compensation opinion thus derived by this process encompasses the value of the partial acquisition, improvements within the acquisition, damages to the remainder (if any), including any curative costs impacted by the acquisition in accordance with the Uniform Act and the Laws of the State of Mississippi.

Property Rights Appraised

The property rights appraised in this report consist of fee simple, and, as applicable and appropriate, easement, leased fee, and leasehold interest(s).

“Fee Simple Estate” is defined by *The Dictionary of Real Estate Appraisal*, 4th Edition, copyright 2002, page 113, by the American Institute of Real Estate Appraisers as being:

“Absolute ownership unencumbered by any other interest or estate, subject only to the limitations imposed by the governmental powers of taxation, eminent domain, police power and escheat.”

“Easement” is defined in *The Dictionary of Real Estate Appraisal*, copyright 2002, 4th Edition, page 90, by the American Institute of Real Estate Appraisers as being:

“An interest in real property that conveys use, but not ownership, of a portion of an owner’s property.”

“Leased Fee Interest” is defined in *The Dictionary of Real Estate Appraisal*, copyright 2002, 4th Edition, page 161, by the American Institute of Real Estate Appraisers as being:

“An ownership interest held by a landlord with the right of use and occupancy conveyed by lease to others. The rights of the lessor (the leased fee owner) and the lessee are specified by contract terms contained within the lease”.

“Leasehold Interest” is defined in *The Dictionary of Real Estate Appraisal*, copyright 2002, 4th Edition, page 162, by the American Institute of Real Estate Appraisers as being:

“The interest held by the lessee (the tenant or renter) through a lease transferring the rights of use and occupancy for a stated term under certain conditions”.

Property Estate(s) Appraised:	List and describe, if necessary, the property right(s) appraised (i.e., fee simple, easement, other)
Fee Simple	

Fair Market Value Defined

Fair Market Value is value in exchange. It is “the most probable price, as of a specified date, in cash, or in terms equivalent to cash, or in other precisely revealed terms, for which the specified property rights should sell after reasonable exposure in competitive market under all conditions requisite to a fair sale, with the buyer and seller each acting prudently, knowledgeably, and for self-interest, and assuming that neither is under undue duress”. (See the *Terms and Definitions* section of this report for the source of this definition)

Assumptions and Limiting Conditions

This appraisal is subject to the following underlying assumptions and limiting conditions:

The appraiser certifies that to the best of his or her knowledge and belief, the statements contained in this appraisal report, subject to the limiting conditions set forth below are correct.

This appraisal is of the property described in this report.

The appraiser has made no survey of the property and assumes that the areas and dimensions shown herein are correct. Any sketch or identified survey of the property included in this report is only for the purpose of assisting the reader in visualizing the property.

Certain information in this report was obtained from and/or furnished by sources believed to be reliable; however the absolute accuracy of information is not guaranteed. If relevant information or errors come to the attention of the appraiser, the appraiser reserves the right to change, alter, revise, or void the opinions contained in this report in part or in their entirety.

Possession of this report does not imply the right of publication and it may not be used without the consent of the City of Hattiesburg. This report is to be used in its entirety. The appraiser is not responsible if any part of this report is used to the exclusion of the remainder.

I am not familiar with any engineering studies made to determine the bearing capacity of the land or that indicate any mineral contents of a significant nature.

The appraiser has no knowledge of the existence of hazardous materials on the property unless otherwise stated in this report. The appraiser, however, is not qualified to detect such substances. The presence of any such substances, which may be potentially hazardous materials, may affect the value of the property. However, as directed by the client, the Mississippi Department of Transportation, this value estimate is predicated on the assumption that there are no such materials on or in the property that would cause a loss in value.

To the best of my knowledge no portion of the value assigned to the subject property is for items, which are non-compensable according established laws.

This property has been appraised as though free of all liens, unless otherwise stated herein. No responsibility is assumed for matters legal in nature, nor is any opinion of title rendered herewith. Good title is assumed.

Certain background and other relevant information applicable to the appraisal of this property and for this appraisal report is given in the project data brochure, which is incorporated herein by reference.

This appraisal was performed within requirements of regulation, law, and supplemental appraisal standards that are applicable to appraisals performed for governmental acquisitions and thus, certain valuation opinions and conclusions stated in this appraisal report are affected by these requirements. Applicable Mississippi Law is found at Mississippi Code Section 65, Section 43, Section 11, and also found in certain published decisions of the Mississippi Supreme Court as they pertain to property acquisition by Eminent Domain. Applicable Federal Law is found in the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, P.L. 91-646, as amended, 42 U.S.C §4601, et seq., and regulations promulgated pursuant thereto found at 49 C.F.R. Part 24 and further described in "*The Uniform Appraisal Standards for Federal Land Acquisitions*",

The reported value estimate assumed no impact on value because of "Section 404 wetlands", as defined by the U. S. Army Corps of Engineers. The client is urged to seek advice of an expert to determine any potential impact on wetlands on the property.

There are no additional assumptions and limiting conditions applicable to this appraisal.
--

Extraordinary Assumptions and Hypothetical Conditions

Standard Rule 1-2(g) and (h) and Standard Rule 2-2 (a)(viii) and (b)(viii) of the *Uniform Standards of Professional Appraisal Practice* require the appraiser to identify and state all extraordinary assumptions and hypothetical conditions when developing and reporting an appraisal.

The *Uniform Appraisal Standards for Federal Land Acquisitions*, Section D-3, Page 80, further states that:

“An extraordinary assumption may be used in an assignment only if:

1. it is required to properly develop credible opinions and conclusions;
2. the appraiser has a reasonable basis for the extraordinary assumption;
3. use of the extraordinary assumption results in credible analysis; and
4. the appraiser complies with disclosure requirements set forth in USPAP for extraordinary assumptions.”

“A hypothetical condition may be used in an assignment only if :

1. use of the hypothetical condition is clearly required for legal purposes, for purposes of reasonable analysis, or for purposes of comparison;
2. use of the hypothetical condition results in a credible analysis;
3. the appraiser complies with the disclosure requirements set forth in USPAP for hypothetical conditions, and
4. the hypothetical condition is provided to the appraiser in writing by the client or an authorized representative of the client.”

USPAP defines extraordinary assumption as “an assumption, directly related to a specific assignment, which, if found to be false, could alter the appraiser’s opinions or conclusions. “ An extraordinary assumption presumes as fact otherwise uncertain information about physical, legal, or economic characteristics of the subject property; or about conditions external to the property, such as market conditions or trends; or about the integrity of data used in an analysis.

USPAP defines hypothetical condition as “that which is contrary to what exists but is supposed for the purpose of analysis.” A hypothetical condition assumes conditions contrary to known facts about physical, legal, or economic characteristics of the subject property; or about conditions external to the property, such as market conditions or trends; or about the integrity of data used in an analysis.

An appraiser cannot make an assumption or accept an instruction that is unreasonable or misleading, nor can an appraiser make an assumption that corrupts the validity of the value estimate. Written legal instructions that have proper foundation must be accepted and must be included in the appraisal report.

Following, if applicable, are all extraordinary assumptions and/or hypothetical conditions that affected the analyses, opinions, and conclusions of this report which are explained in the scope of work:
--

None

Following, if applicable, are appraiser instructions that affected the analyses, opinions, and conclusions of this report:

None

Statement on The Use of Significant Professional Assistance and The Use of Consultant's Report(s)

If professional assistance was provided to the appraiser the name of the individual(s) providing such assistance must be stated below. This includes both professional appraisal assistance and providers of subsidiary assistance, e.g., appraisers, registered foresters, architects, attorneys, planning and permitting consultants, engineers, cost estimators, marketing consultants, etc., etc.

If applicable, the following is a description of any necessary or appropriate steps that were performed in the completion of this appraisal assignment that were not previously noted in the scope of work, including a list of the individual(s) providing professional assistance and the type and extent of assistance provided.

We were provided R.O.W. plats by SOL Engineering Services, LLC. We used these plats to determine the location of the R.O.W. Survey stakes were partially present at time of inspection, which allowed the appraiser to visualize the proposed take. The survey plat (included) indicates a right of way take area which includes the entire 0.34 area parcel.

The Scope of Work included:

- a) an inspection of the subject property and the research and collection of data pertaining to recent economic development and real estate sales and leasing activity in Hattiesburg, Forrest County, Mississippi, as well as other parts of the state. The Sales Comparison approach to value was used to derive the land values. *The attorney for the city said due to the complexity in relation to the stockpile property to the west, the short time frame, and the potential purchase of the entire subject parcel to use in conjunction with the acquisition or negotiation of the stockpile property to the east, that a waiver valuation was not being considered for this parcel.* Information was collected from courthouse records, files of reliable real estate professionals, property owners and developers, the search of public records through the use of commercial sources of data such as printed comparable data services and computerized databases. Search parameters such as dates of sales, leases, locations, sizes, and types of properties were started with relatively narrow constraints and, if necessary, were expanded until the appraiser had either retrieved data sufficient (in the appraiser's opinion) to estimate market value, or until the appraiser believed that he had reasonably exhausted the available pool of data. Efforts were made to verify the data with persons directly involved in the transactions such as buyers, seller, brokers, or agents. At the appraiser's discretion, some data were used without personal verification if, in the appraiser's opinion, the data appeared to be correct. In addition, the appraiser considered any appropriate listings or properties found through observation during appraiser's data collection process. The appraiser reported only the data deemed to be pertinent to the valuation problem;
- b) has investigated and analyzed any pertinent easements or restrictions, on the fee simple ownership of the subject property. It is the client's responsibility to supply the appraiser with a title report. If a title report is not available, the appraiser will rely on a visual inspection and identify any readily apparent easements or restrictions;
- c) has analyzed the data found and has reached conclusions regarding the market value, as defined in the report, of the subject property as of the date of value using appropriate valuation approach(es) identified above;
- d) has prepared the appraisal in compliance with the Uniform Standards of Professional Appraisal Practice as promulgated by The Appraisal Foundation and the Code of Professional Ethics and Certification Standard of the Appraisal Institute;
- e) has prepared an Appraisal Report, as defined in USPAP, which includes photographs of the subject property, descriptions of the subject neighborhood, the site, and any improvements on the site, a description of the zoning, a highest and best use analysis, a summary of the most important sales used in the appraiser's valuation, a reconciliation and conclusion, and other data deemed by the appraiser to be relevant to the assignment. Pertinent data and analyses not included in the report may be retained in the appraiser's files.
- f) This appraisal report is an estimate of market value of the property, assuming quality materials, workmanship and properly functioning equipment and mechanics of the building. It does not serve as a home or building inspection, structural inspection, environmental or pest inspection. In preparing this report, the appraiser is not acting as a home or building inspector, engineer, surveyor, or pest inspector. In performing the limited inspection of this property, areas that were readily accessible were visually observed and the review is superficial only. This inspection is not technically exhaustive and does not offer warranties or guarantees of any kind. It is advised to have the structure inspected by an inspector or other suitable professional that offers such warranted or guaranteed inspection of the structural, environmental aspects, or other areas of concern.

Area & Neighborhood Data

The property lies along the south side of Faulkner Street, in Hattiesburg.

This is an old industrial area, with many vacant parcels. The city wastewater facility lies to the east and has been the key topic of discussion for this area. The city has considered both changing it to a land application and/or replacement of a new mechanical system. It is unclear at the time of this report which option they will take. If the mechanical system is selected it will be located immediately east of the subject property in close proximity to the existing lagoons. An excerpt from a recent article lays out the time frame for this option:

Mechanical timelines

Estimates

- Site design, environmental study, permitting:** 4 to 6 months
- Site preparation:** 9 to 12 months
- Multiple construction contracts to be let, beginning late summer, including:**
 - Access road and bridge (This is the road considered in the subject property acquisition)
 - On-site drainage and erosion control
 - Site clearing, filling and grading
 - Pump station and piping modifications
- Total construction time:** 2 to 3 years

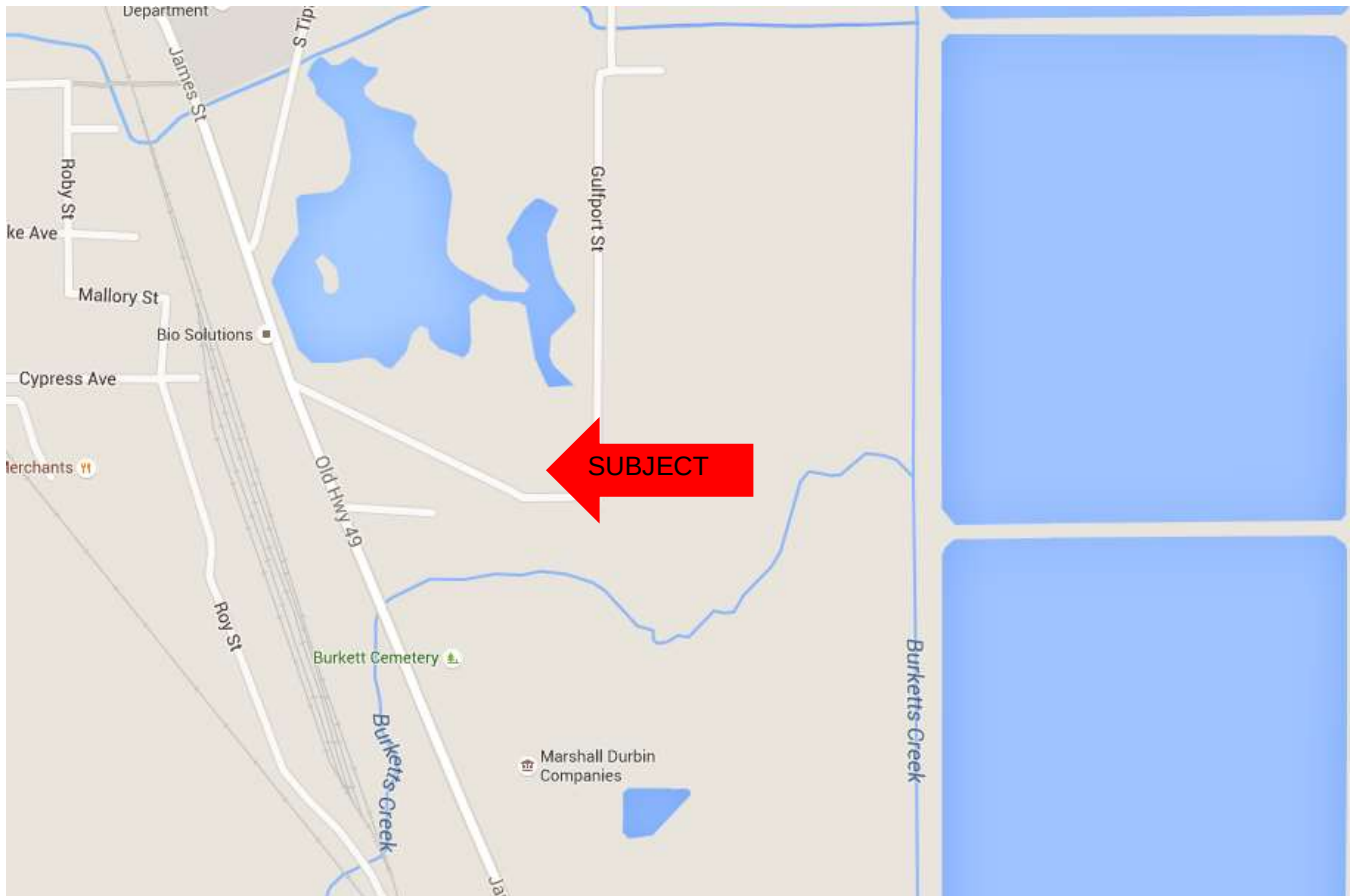
Consent decree deadlines

- Begin construction:** May 1, 2016
- Complete construction:** May 1, 2018

Source: Neel-Schaffer

Overall, the value outlook for the subject area is stable. The wastewater plant would not bring in many jobs and is un-likely to create a need for new housing or commercial uses. An area map can be found on the following page.

AREA MAP



Site Description

Site Description — Before

An analysis of the subject site is particularly important in estimating its highest and best use and for separate valuation from the improvements. The following is a discussion of the subject site in the Before Condition.

Information, regarding the total ownership, has been obtained by the appraiser from current county records, acquisition map and other reliable sources, including a physical inspection of the site. (A survey and description of the total subject property has been provided to the appraiser and is included in this report.)

Present Use of Site: Vacant land

Legal Description of the Total Ownership: The property is located in the NE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 14, Township 4 N, Range 13 W, Forrest County, MS.

Location: The property is located at about 300 Faulkner Street, along the north side of this narrow two lane road, just west of Old Highway 49. This area is adjacent to the sewage lagoons and is industrial in nature. The rail road spur has been abandoned, as have many buildings. The majority of new industrial uses are being constructed in the industrial park, 3-4 miles south west of the subject property.

Dimensions/Area/Shape: The property is an L-shaped, 5.7 +/- acre parcel, more or less, according to the tax assessor's map found on the following page. Its dimensions are about 294 feet along Faulkner, at a depth of roughly 611'.

Frontage/Access: The site has approximately 400' of frontage along Gulfport Street. This is listed as a public road, but there are access gates installed south of the property line. In addition there is 294' of paved frontage on the wastewater access road to the south. This is presumed to still be a public road, being Faulkner Street. We spoke with an engineer at Neel Schaffer and asked them if they were aware of the public to private limits. They stated that the gates will be moved east beyond the access point on Faulkner Street to the subject property in the after condition. In the before condition it has physical access along these two streets and was appraised as though having legal access from one or both of these streets.

Topography: Level until you get to the rear. The property has small brush and appears to have been cleared or filled at some time in the past.

Flood Plain and Drainage Data: According to the FEMA Flood Map Number 28035C0117E, dated March 16, 2015, the site lies in Zone AE, which is a designated flood zone.

Use Restrictions: The property is located inside the city limits of Hattiesburg and is zoned A-2, Agricultural-Residential District. This district is intended to provide an area primarily for agricultural purposes and low density residential development. Because of the rural nature, it is the purpose of this district to encourage and protect such uses from urbanization until such is warranted and the appropriate change in district classification is made.

Site Improvements: None.

Off-Site Public Improvements: Offsite public improvements would consist of the wastewater treatment plant, Hattiesburg public works, and a reservoir and small park.

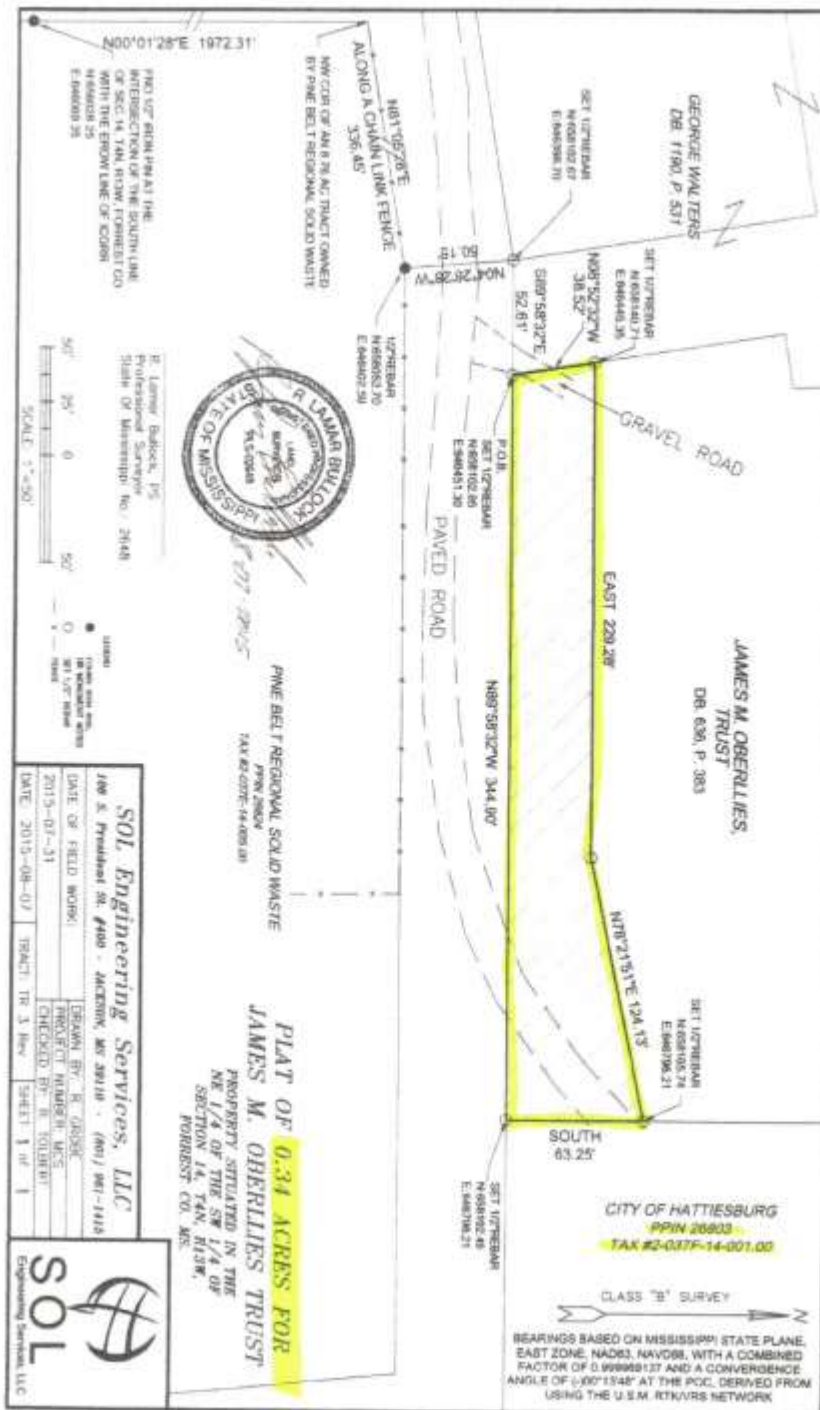
Adjacent Land Uses: Wastewater treatment facility, Industrial buildings, vacant land, Duncan Park and the flood plain of the Leaf River.

Easements/Encumbrances: There appears to be an encroachment of debris (limbs and tree scraps) along the western side of the property. This would need to be confirmed with a survey.

Utilities:

Utility Service	Supplier	Utility Service	Supplier
Electricity	MS Power	Sewer	City of Hattiesburg
Gas	Wilmut Gas	Water	City of Hattiesburg
Garbage Collection	City of Hattiesburg	Telephone	Bellsouth
Comments:	Additional narrative, as needed.		
There is a distinct odor in the air that would prevent most uses, other than landfill and waste treatment facilities from locating in the area. This is mostly what uses are found adjacent to the site.			

ACQUISITION PLAT

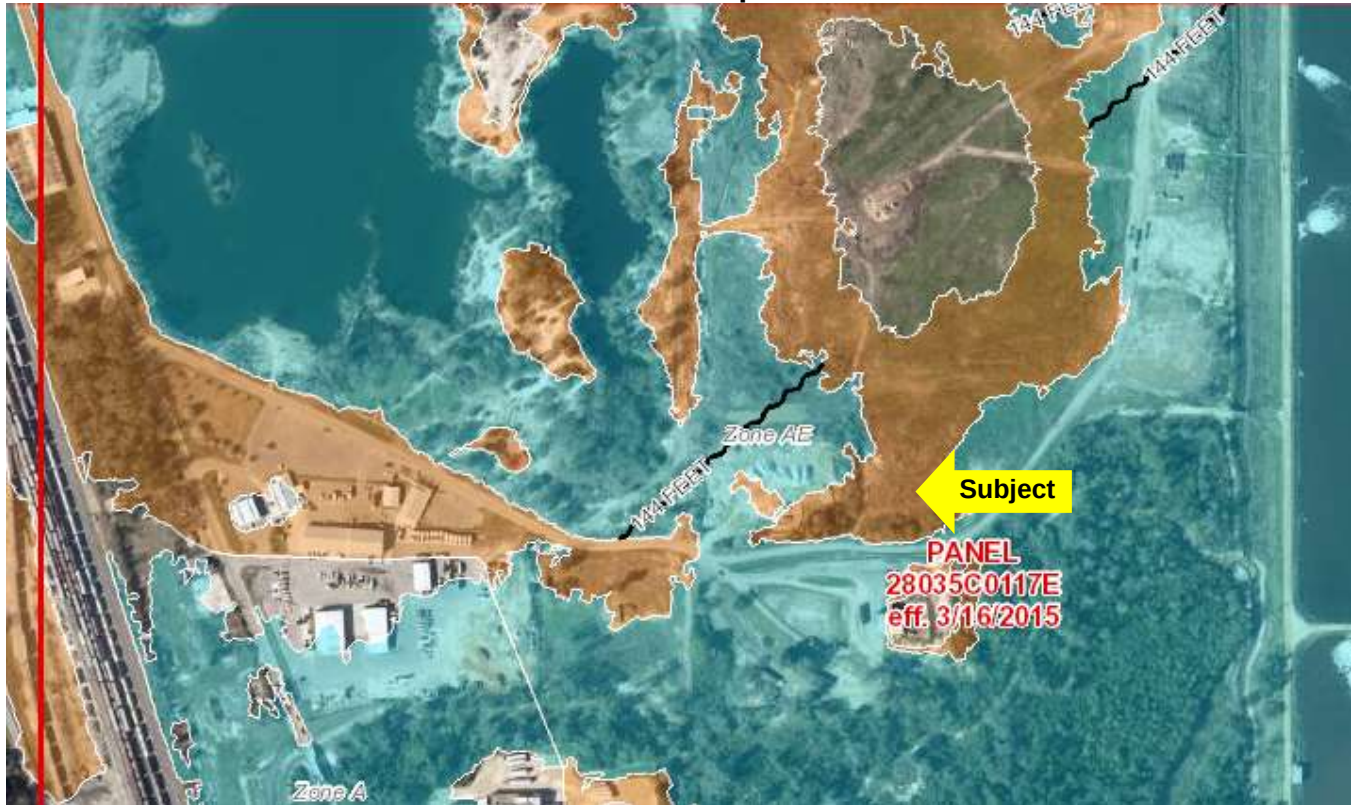


Tax Map

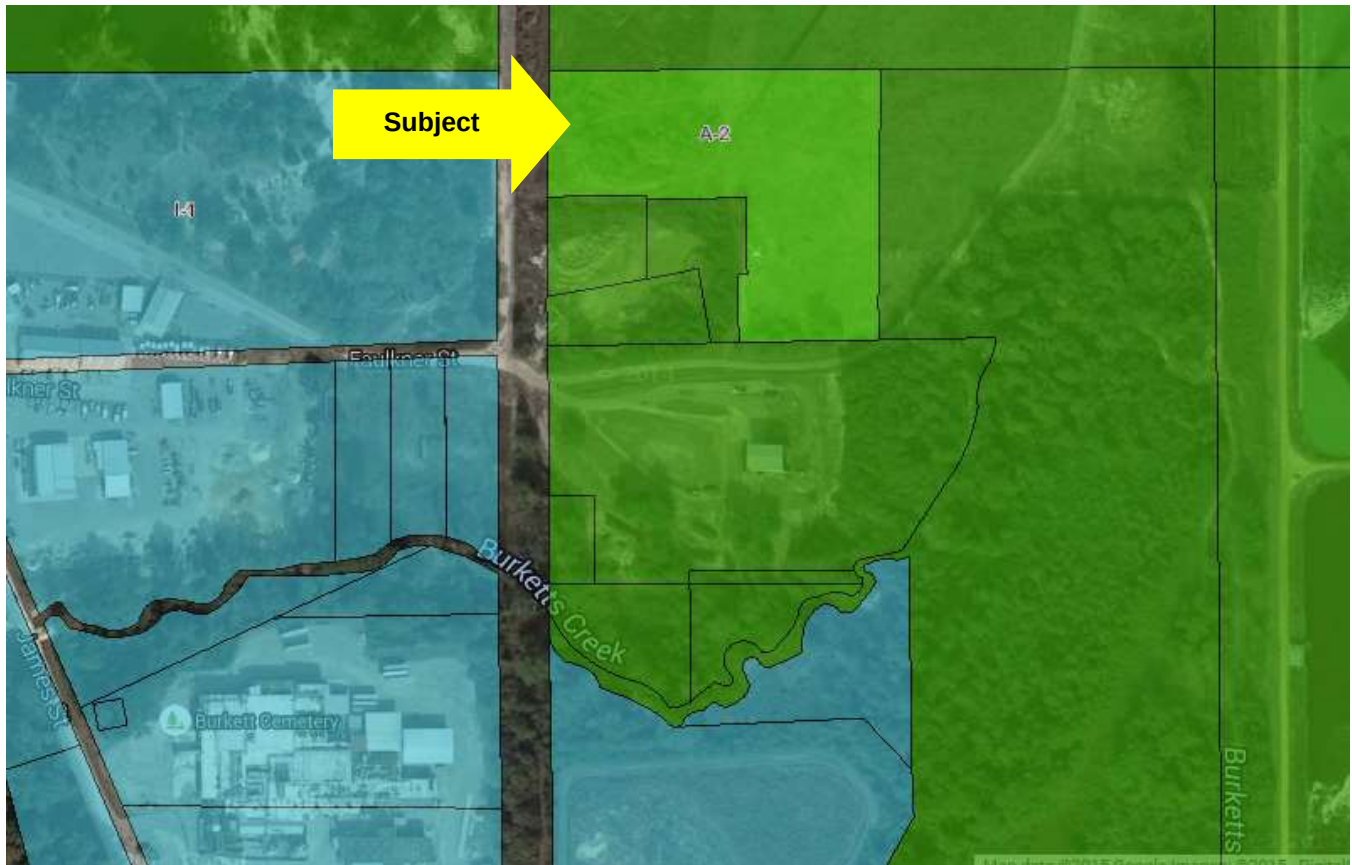


*Subject property lines identified above

Flood Map



ZONING MAP



Legend

Hattiesburg Layers

Zoning

<all other values>

- A-1
- A-2
- B-1
- B-2
- B-3
- B-4
- B-5
- I-1
- I-2
- R-1A
- R-1B
- R-1C
- R-2
- R-3
- R-4

Site Description — Area of Acquisition

Acquisition area: The acquisition area consumes 0.34 acres of land along the south side of the property. This is an elongated parcel with dimensions of 39' x 345' x 63' x 354', more or less.

Breakdown of Acquisition Area:

The total area of acquisition has been considered to be 14,810 +/- square feet, or 0.34 acres.

Improvements in R.O.W.: None

Items of Real Property Appraised

None

Items of Personal Property Not Appraised

N/A

Photographs



View of the remainder area.



View of the staking and fencing along the south property line in the proposed acquisition area.



View looking north from SW corner and access point off of Faulkner Street.



View of the proposed R.O.W.



View of access point off of
Faulkner Street.



View of access point to
property from Faulkner Street.



View of R.O.W. staking along SE corner.

Whole Tract and Larger Parcel Declaration

Whole Tract Declaration

On those properties where the total ownership and the Larger Parcel are not one-in-the-same, it is possible for a property to contain several Larger Parcels (Highest & Best Use areas). The acquisition may affect more than one Larger Parcel (H&BU area), it is essential that there be a clear declaration by the appraiser as to what part and/or parts of the total ownership are being appraised. This section of the appraisal report declares exactly what was valued in the appraisal process and includes:

- The size of the contiguous total ownership provided to the appraiser by the MDOT
- Declaration of the Larger Parcels (H&BU areas) within the total ownership that are unaffected
- Identification and delineation of the affected Larger Parcels (H&BU areas) described by the following methods as appropriate:
 - a) Clearly visible physical features- road, creek, ditch, fence, tree line, etc.
 - b) Subdivision boundary, Zoning line, corporate limits, county line, section line, etc.
 - c) c)Dimensioned area as determined by the appraiser

Total "Whole Tract" Declaration and Summary	(Ac./S.F.)
The entire tract contains +/- 5.7 acres and was considered the larger parcel of this report.	

Declaration of the Larger Parcel (if different from the Whole Tract)

There are three conditions or tests that are considered in determining the larger parcel, unity of ownership, unity of use, and contiguity. In certain instances, the larger parcel may not include all the lands that are contiguous and under identical ownership. In determining the larger parcel to be appraised, reliance on unity of ownership and unit of use will be given substantial weight. In determining the larger parcel, the following is noted:

Larger Parcel(s) Summary	(Dimensions, Size, and Use)
The entire 5.7 acres was considered the larger parcel of this report.	

Highest and Best Use Analysis

¹**Highest and best use** is defined in *The Dictionary of Real Estate Appraisal, Fourth Edition, Copyright 2002*, page 135, compiled by the Appraisal Institute as:

“The reasonably probable and legal use of vacant land or an improved property, which is physically possible, appropriately supported, financially feasible, and that results in the highest value. The four criteria the highest and best use must meet are legal permissibility, physical possibility, financial feasibility, and maximum productivity”.

The reasonable and probable use that will support the highest property value, as defined, as of the date of the appraisal. In order to arrive at a highest and best use estimate, the land is first analyzed as if vacant. Later, the total property, including any existing improvements, is analyzed. In estimating the highest and best use of the subject site, as if vacant and improved, you must first carefully study the existing land use patterns and trends in the area. In estimating the highest and best use of the subject property, the appraiser has considered very carefully the following factors:

1. The land and location is considered in relationship to the local area.
2. The physical characteristics of the land and improvements, including the land's overall size, shape, road frontage, topography, soil and sub-soil conditions and available utilities.
3. In analyzing the highest and best use of the subject, as applicable and appropriate, the Sales Comparison Approach, Cost Approach, and Income Approach are considered.

The procedure used in this report to estimate highest and best use of the subject site was to consider, in sequence, the site's utility, its legal use, its possible and most feasible use, and, finally, the optimum or highest and best use.

Highest and Best Use {SC4}

The site is +/- 5.7 acres, more or less, and would be suitable for storage facility or quasi-governmental uses such as: land field, sewer treatment facility, or other waste related uses.

The site is legally restricted to agricultural uses only. The site is currently vacant. We spoke with Ginger at city planning and she said utilities are also allowed on agricultural properties.

The most financially feasible and maximally productive use of the site would be for agricultural or other allowed uses.

Overall, considering the physical constraints, the legal restrictions, and the location of the site, the highest and best use of the site as vacant would be for storage facility or quasi-governmental uses such as: land field, sewer treatment facility, or other waste related uses.

¹ The phrase “*highest and best use areas*” or “*uses*” is from wording utilized by the Mississippi Supreme Court in its published eminent domain decisions. Reference of these phrases by the Court has been historically utilized in a manner equivalent to the phrase “*Larger Parcel*”. For additional information, please refer to the “*Terms and Definitions*” section of this appraisal report.

Ownership History and Tax Information

Ownership History

In developing a real property appraisal an appraiser must:

1. Analyze any current agreement of sale, option, or listing of the subject property, if such information is available to the appraiser in the normal course of business.
2. Analyze any prior sales of the subject property that occurred within the following minimum time period of five years
3. Discuss below (as applicable) the quality and quantity of data available and analyze within the approaches used and the applicability or suitability of the data.
4. When there is a sale of the subject property to the current owner for an undisclosed price, the appraiser must state that he or she attempted to obtain the purchase price and other terms of the transaction without success. (If transaction price could not be verified please explain below.)

Ownership History					
Property Transactions during the last five years to Date:					
Date	Grantor	Grantee	Consideration	Book/Page	Ver.
07/25/08	James Oberlies	James Oberlies Trust	N/A	DB 1040/462	Deed
Explanation: According to the Forrest County Tax Assessor there have been no transactions within the last 3 years. The last transaction is listed above.					

Tax Information			
Tax PPIN No.	26826	True Value – Land	\$3,590
		True Value – Improvements	N/A
Special Assessments			
*Note: This property is tax exempt			

Approaches to Value

All standard techniques used by appraiser in estimating of market value can be grouped into the following three main approaches to value: 1) Sales Comparison Approach, 2) Cost Approach, and 3) Income Approach. One or more of these approaches are used in all appraisal assignments. Use of these approaches will depend on the type of property being appraised and quantity and quality of data available for analysis.

Sale Comparison Approach: A set of procedures in which a value indication is derived by comparing the property being appraised to similar properties that have been sold recently, applying appropriate units of comparison, and making adjustments to the sale prices of comparables based on the elements of comparison. The sales comparison approach may be used to value improved properties, vacant land, or land being considered as though vacant; it is the most common and preferred method of land valuation when comparable sales data are available.

Cost Approach: A set of procedures through which a value indication is derived for the fee simple interest in a property by estimating the current cost to construct a reproduction of, or replacement for, the existing structure; deducting depreciation from the reproduction or replacement cost; and adding the estimated land value, plus an entrepreneurial profit. Adjustments may then be made to the indicate fee simple value of the subject property to reflect the value of the property interest being appraised.

Income Approach: A set of procedures through which an appraiser derives a value indication for an income-producing property by converting its anticipated benefits (cash flows and reversion) into property value. This conversion can be accomplished in two ways. One year's income expectancy can be capitalized at a market-derived capitalization rate or at a capitalization rate that reflects a specified income pattern, return on investment, and change in the value of the investment. Alternatively, the annual cash flows for the holding period and the reversion can be discounted at a specified yield rate.

The Dictionary of Real Estate Appraisal, Fourth Edition, Appraisal Institute

☐ Cost Approach

☐ Income Approach

☒ Sales Comparison Approach

Reason(s) for excluding any of the usual approaches to value
No rental income is produced by the property and the income approach would not apply. There are no improvements being valued, therefore the cost approach is not a valid approach. The sales comparison approach was the only valid approach and was the approach used in this report.

Land Sale No. 1

Property Identification

Record ID	3849
Property Type	Truck Parking
Address	175 Monroe Road, Forrest County, Mississippi 39401
Location	Section 28, T5N, R13W

Sale Data

Grantor	Taylor Gilmore
Grantee	The Crypt
Sale Date	September 14, 2009
Deed Book/Page	1068/555
Property Rights	Fee Simple
Conditions of Sale	Arm's Length
Financing	Cash
Verification	Confirmed with Carmen Ulfers (Buyer) by Jonathon Null; August 25, 2010

Sale Price	\$80,000
Cash Equivalent	\$80,000

Land Data

Topography	Level
Utilities	Elec., Water
Dimensions	645' x 330'
Shape	Rectangular
Fencing	6' chain link
Flood Info	Map 28035C0106D; dated 3/2/10, not located in flood zone

Land Size Information

Gross Land Size	4.890 Acres or 213,008 SF
Front Footage	330 ft Monroe Road

Indicators

Sale Price/Gross Acre	\$16,360
Sale Price/Gross SF	\$0.38

Remarks

Property is currently being used for a Trucking Co. Parking. Property has 6' chain link fence around property. Property is level at road grade with electric and water available.



Land Sale No. 2

Property Identification

Record ID	4368
Property Type	Commercial Land
Address	1809 Edwards St., Hattiesburg, Forrest County, Mississippi
Location	Hattiesburg Southeast

Sale Data

Grantor	Mississippi District Council Assemblies Of God
Grantee	Clarence Sanders and Charlotte Sanders
Sale Date	May 16, 2006
Deed Book/Page	1008/430
Financing	Owner financing

Sale Price	\$18,000
Cash Equivalent	\$18,000

Land Data

Topography	Wooded
Utilities	All available
Shape	Irregular

Land Size Information

Gross Land Size	2.000 Acres or 87,120 SF
------------------------	--------------------------

Indicators

Sale Price/Gross Acre	\$9,000
Sale Price/Gross SF	\$0.21

Remarks

Wooded lot located along Edwards Street. Property was partially owner financed. George Null confirmed with Greg Craven (606-7665). After purchase, a religious facility was constructed on the property.



Land Sale No. 3

Property Identification

Record ID	5908
Property Type	Industrial
Property Name	Walters Stock Pile Site
Address	104 Faulkner Road, Hattiesburg, Forrest County, Mississippi

Sale Data

Grantor	Thomas Hickman
Grantee	George Walters
Sale Date	August 22, 2014
Deed Book/Page	1190 p.531, Inst#727583
Verification	George Walters; 601(580-1198)

Sale Price	\$25,000
Cash Equivalent	\$25,000

Land Data

Zoning	A-1 and A-2, Agricultural
Topography	level
Shape	Rectangular
Rail Service	Abandoned spur along west line
Flood Info	Leaf River

Land Size Information

Gross Land Size	2.730 Acres or 118,919 SF
Useable Land Size	2.500 Acres or 108,900 SF , 91.58% (cemetery)

Indicators

Sale Price/Gross Acre	\$9,158
Sale Price/Gross SF	\$0.21
Sale Price/Useable Acre	\$10,000
Sale Price/Useable SF	\$0.23

Remarks

This site was purchased for use as a stock pile facility. The buyer stated he needed a site away from buildings and other areas where the dust could be a problem. The stock piled concrete is crushed and used for base material for parking lots and road work. The site had an old cemetery on the SE corner that reduced the useable area to around 2.70 acres.



Land Sale No. 4

Property Identification

Record ID 5909
Property Type Residential Land
Address Old Hwy 49, Hattiesburg, Forrest County, Mississippi 39401

Sale Data

Sale Date August 27, 2009
Marketing Time 174

Sale Price \$60,000
Cash Equivalent \$60,000

Land Data

Zoning None
Topography Level; wooded; gentle rolling
Flood Info Not located in a designated flood zone

Land Size Information

Gross Land Size 12.500 Acres or 544,500 SF
Front Footage 326 ft Total Frontage: 326 ft Old Hwy 49

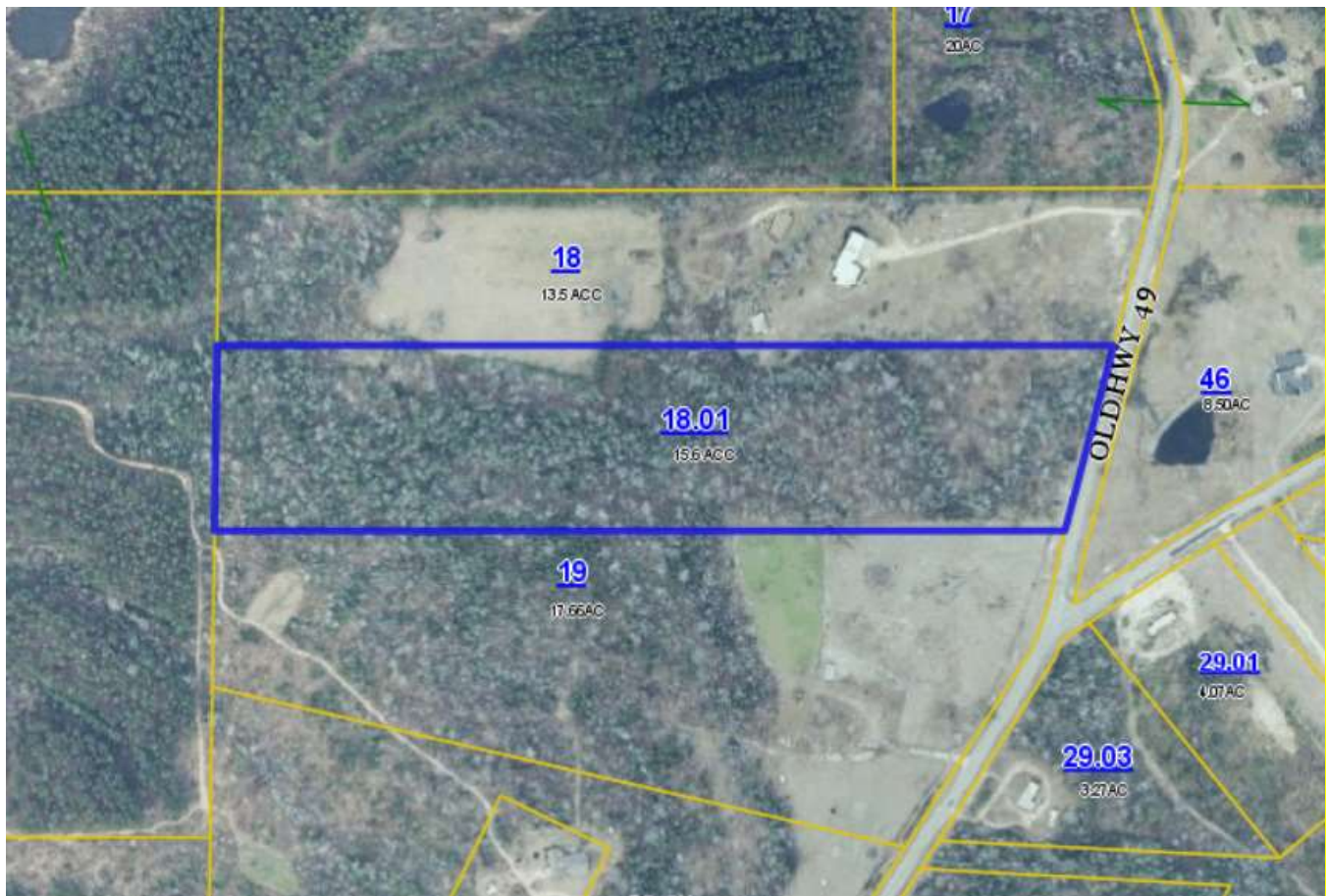
Indicators

Sale Price/Gross Acre \$4,800
Sale Price/Gross SF \$0.11
Sale Price/Front Foot \$184

Remarks

Hwy 49S to Paul B. Johnson Park. Turn R at Fork go L onto S. Lake Dr. Go to stop sign turn R onto Old Hwy 49W. Land on Left with a sign.

Section 13, Township 2N, Range 13W



COMPARABLE SALES

COMPARABLE LAND SALES SUMMARY TABLE					
No.	Location	Sale Date	Price	Size in Acres	Price/ Acre
1.	175 Monroe Road	09/14/2009	\$80,000	4.890	\$16,360
2.	1809 Edwards St.	05/16/2006	\$18,000	2.000	\$9,000
3.	104 Faulkner Road	08/22/2014	\$25,000	2.70	\$9,259
4.	Old Hwy 49	08/27/2009	\$60,000	12.50	\$4,800

Correlation of Land Sales

All of the comparable sales were located in the general vicinity of the subject tract. The four sales were all similar to the subject in most respects.

The major difference in the sales and the subject property is the presence of the flood plain. The subject lies in Flood plain AE, whereas, 3 of the comparables do not. Therefore, any improvements would require flood insurance and the threat of being flooded. The additional cost of flood insurance and the threat of flooding justified the 20% negative topo adjustment applied to each sale. The subject property is a 5.7 acre tract, and was larger when compared to sales 1-3 ranging from 2 - 4.9 acres. Prior to any adjustments, the sales ranged from \$4,800-\$16,360 per acre.

The market conditions were all considered generally similar, and no adjustments were made.

SIZE ADJUSTMENT

Typically larger tracts sell at a lower price per acre than small tracts due to affordability. This is also reflected in the comparables. The largest tract sold at the bottom end of the range. For this reason, negative size adjustments were made to sales 1,2, and 3. A positive adjustment was made to sale 4.

LOCATION ADJUSTMENT

All of the sales, except sale 1, are located in the general area of the subject and all thought to be similar in location. Sale 1 received a negative location adjustment since it is in the Petal area.

CONDITIONS OF SALE

Sale 3 was purchased for its remote location, away from structures. However, the buyer was already storing material on-site and it was convenient to him to retain the site as opposed to relocating. This was considered to warrant a conditions of sale adjustment of 20%.

ADJUSTMENT GRID

Element	Sale 1	Sale 2	Sale 3	Sale 4
Sales Price				
Sale Price	\$80,000	\$18,000	\$25,000	\$60,000
Acres	4.89	2.0	2.7	12.5
Buyer Expenditures	-0-	-0-	-0-	-0-
Demolition	-0-	-0-	-0-	-0-
Environmental	-0-	-0-	-0-	-0-
Legal Zoning	None	Residential	Agricultural	Industrial
Adjusted Price/Acre	\$16,360	\$9,000	\$9,259	\$4,800
Property rights adjustment	-0-	-0-	-0-	-0-
Adjusted Price	\$16,360	\$9,000	\$9,259	\$4,800
Financing Adjustment	-0-	-0-	-0-	-0-
Conditions of Sale	-0-	-0-	(\$1,852)	-0-
Adjusted Price	\$16,360	\$9,000	\$7,407	\$4,800
Market Conditions	09/09	05/06	08/14	08/09
	-0-	-0-	-0-	
Location adjustment	-20%	-0-	-0-	-0-
	-0-	-0-	-0-	-0-
Access	-0-	-0-	-0-	-0-
Size	-10%	-20%	-20%	+20%
Topography	-20%	-20%	-0-	-20%
Zoning	-0-	-0-	-0-	-0-
Utilities	-0-	-0-	-0-	-0-
Adjusted Price /acre	\$8,180	\$5,400	\$5,926	\$4,800

After all adjustments, the sales had unit values ranging from \$4,800 to \$8,180 per acre. Sales 3 and 4 were considered the best sales due to their size, location and sales date.

Overall, considering the best sales and their adjustments, a per lot acre of \$6,000/acre was thought to represent market. This would indicate \$34,200 as the total before land value. This was adopted for the subject property.

Summary of After Value

In the after condition, the subject property will be similar, except for the 0.34 acre take. There were no adjustments or damages to the land and the same land value would apply. Therefore the after land value equaled \$32,160. The city will use the acquisition to construct an access road as a part of the wastewater project.

Therefore, the after value equaled \$32,160, as follows:

5.36 acres @ \$6,000/acre = \$32,160

After value = \$32,160

Final Reconciliation of Value

The following is my opinion of just compensation, for the acquisition of the real property rights described in this appraisal report.

TOTAL BEFORE VALUE	\$34,200
TOTAL AFTER VALUE	\$32,160
Total Just Compensation Due Landowner	\$2,040
ALLOCATION OF COMPENSATION	
Land = 0.34 acres AT \$6,000/ACRE =	\$2,040
Total Just Compensation Due Landowner	\$2,040

Recommended Distribution of Final Value Estimate
For Accounting And Acquisition Purposes Only
 (To Be Completed After Appraisal Made)

Fee/Leased Fee Interest

Acre(s) ▼

Acq. Area	HBU	Land	Improvements		Damages		Total
			Item	Value	Item	Value	
0.340 Acre(s)	Industrial	\$2,040					\$2,040
							\$0
							\$0
							\$0
							\$0
0.340 Acre(s)							\$2,040

Easements (Permanent / Temporary)

Acq. Area	HBU	Land	Improvements		Damages		Total
			Item	Value	Item	Value	
							\$0
							\$0
							\$0
							\$0
							\$0
0.000		\$0		\$0		\$0	\$0

Quit-Claim Interest / Leasehold

Acq. Area	HBU	Land	Improvements		Damages		Total
			Item	Value	Item	Value	
							\$0
							\$0
							\$0
							\$0
							\$0
0.000		\$0		\$0		\$0	\$0

Total of all Interests \$2,040

Addenda

Terms and Definitions

Agency- the Federal Agency, State, State Agency, or person that acquires real property or displaces a person.

Appraisal- a written statement independently and impartially prepared by a qualified appraiser setting forth an opinion of defined value of an adequately described property as of a specific date, supported by the presentation and analysis of relevant market information.

Uneconomic Remnant- a parcel of real property in which the owner is left with an interest after the partial acquisition of the owner's property, and which the Agency has determined has little or no value or utility to the owner.

Total Ownership- the total amount of contiguous property, under the ownership of a single legal entity, as indicated by the map provided to the appraiser by the MDOT for an appraisal assignment.

Whole Tract- that amount of property, within the "Total Ownership", as determined by the appraiser, to be affected by the acquisition. The *whole tract* is defined by the appraiser, and may be determined to be the same as the total ownership, or some defined area that is less than the "Total Ownership".

Larger Parcel-²that tract, or tracts, of land which possess a unity of ownership and have the same, or an integrated, highest and best use. Elements of consideration by the appraiser in making a determination in this regard are contiguity, or proximity, as it bears on the highest and best use of the property, unity of ownership, and unity of highest and best use. Mississippi Case Law recognizes this concept but refers to it by use of the phrases "Highest and Best Use areas" or "Highest and Best Uses" ³ Designation of the Larger Parcel, for appraisals performed in connection with the disposal of excess property, may require the adoption of a hypothetical condition regarding "unity of ownership".

Excess Property -"(2)...whenever real property, with the exception of easements for highway purposes, has been acquired by the Mississippi Transportation Commission, in any manner, for public use and in the opinion of the commission all or any part thereof becomes unnecessary for public use, the same shall be declared on the minutes of the commission as excess property and sold at private sale at market value."⁴

Disposal as used in the appraisal of excess property, "means the sale of real property rights therein, including access or air rights, when no longer needed for highway right-of-way or other uses eligible for funding under title 23 of the [U.S.] Code"⁵

Fair Market Value - Fair Market Value is value in exchange. It is "the most probable price, as of a specified date, in cash, or in terms equivalent to cash, or in other precisely revealed terms, for which the specified property rights should sell after reasonable exposure in competitive market under all conditions requisite to a fair sale, with the buyer and seller each acting prudently, knowledgeably, and for self-interest, and assuming that neither is under undue duress".⁶

Effective Date – The date at which the analyses, opinions, and advice in an appraisal, review, or consulting service apply. (USPAP, 2002 ed.) Source: Appraisal Institute, The Dictionary of Real Estate Appraisal, 4th Edition.

Date of the Report – The date of the transmittal letter of a written report or the date a written report lacking a transmittal letter is completed by the appraiser. The date of an oral report is the date it is communicated to or for

² The Uniform Appraisal Standards for Federal Land Acquisitions, Interagency Land Acquisition Conference, Published by the Appraisal Institute with the cooperation of the U.S. Department of Justice, Washington, D.C. 2000,

³ *Oughton v. Gaddis*, 683 So.2d 390 (Miss. 1996)

⁴ Mississippi Code of 1972, Annotated, § 65-1-123

⁵ United States Code, 23 CFR 710.105

⁶ *Potters II v. State Highway Comm'n of Mississippi*, 608 So. 2d 1227, 1231 (Miss. 1992).

the client. The date of the report may or may not be the same as the effective date of the appraisal. (USPAP, 2002 ed.) Source: Appraisal Institute, The Dictionary of Real Estate Appraisal, 4th Edition.

Highest and Best Use- The best or most valuable use to which the property, [....], is adapted. Mere speculative uses cannot be considered. There must be some probability that the land would be used within a reasonable time for the particular use to which it is adapted. There must be a present demand for the land for such purpose or a reasonable expectation of such demand in the near future.⁷

Before and After Rule [Mississippi]- When part of a larger tract of land is taken for public use, the owner should be awarded the difference between the fair market value of the whole tract immediately before the taking, and the fair market value of that remain[ing] immediately after the taking, without considering general benefits or injuries resulting from the use to which the land taken is to be put, that are shared by the general public.⁸ Any decrease or increase in the fair market value of real property prior to the date of valuation caused by the public improvement for which such property is 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, will be disregarded in determining the compensation for the property.⁹

Before Value- The fair market value of the whole tract immediately before the taking.¹⁰

After Value- The fair market value of that remain[ing] immediately after the taking, without considering general benefits or injuries resulting from the use to which the land taken is to be put, that are shared by the general public.

Due Compensation¹¹- Just Compensation¹² the value of the land taken and the damages, if any, which result... as a consequence of the taking, without considering either general benefits or injuries resulting from the use to which the land taken is to be put, shared by the general public.¹³

Damages to Remainder- *[In the context of valuation under the Before and After Rule, it is]* the depreciation in the fair market value of the remaining area, ...that is special, and not such as is common to all the property in the neighborhood.¹⁴ In determining damages, if any, to the remainder if less than the whole of a defendant's interest in property is taken, nothing shall be deducted there from on account of the supposed benefits incident to the public use for which the petitioner seeks to acquire the property.¹⁵

Cost-to-Cure Damages [the cost or costs associated with] the necessity of rebuilding fences and wells, the necessity of relocating roads, and other similar items. [Such] items are all part of the depreciated value of the property, since the landowner is required to do this construction in order to use the property in the manner in which it has been used or for which it is best adapted.¹⁶

Extraordinary Assumption – (USPAP definition) an assumption, directly related to a specific assignment, which, if found to be false, could alter the appraiser's opinions or conclusions.

Hypothetical Condition – (USPAP definition) that which is contrary to what exists but is supposed for the purpose of analysis.

⁷ MSHC v. Brooks, 123 So.2d 423, 427 (1960); MSHC v. Wagley, 231 So.2d 507 (1970);

⁸ Potters II v. MSHC, 608 So. 2d 1227 (Miss. 1992); MSHC v. Hillman, 189 Miss. 850, 198 So. 565 (1940)

⁹ Mississippi Code of 1972, Annotated, Section 43-37-3

¹⁰ Potters II v. MSHC, 608 So. 2d 1227 (Miss. 1992); MSHC v. Hillman, 189 Miss. 850, 198 So. 565 (1940)

¹¹ Constitution of Mississippi, Article 3, § 17

¹² Mississippi Code of 1972, Annotated, Section 43-37-3

¹³ MSHC v. Hillman, 198 So. 565;

¹⁴ MSHC v. Colonial Inn, Inc. 149 So.2d 851;

¹⁵ Mississippi Code of 1972, Annotated, Section 11-27-21;

¹⁶ Emerson v. MSHC, 208 So.2d 441

Intended User – the client and any other party as identified, by name or type, as users of the appraisal, appraisal review, or appraisal consulting report by the appraiser on the basis of communication with the client at the time of the assignment.

Jurisdictional Exception – an assignment condition that voids the force of a part or parts of USPAP, when compliance with part or parts of USPAP is contrary to law or public policy applicable to the assignment.

Supplemental Standards – requirements issued by government agencies, government sponsored enterprises, or other entities that establish public policy which add to the purpose, intent and content of the requirements of USPAP, that have a material effect on the development and reporting of assignment results.

Plottage The increment of value created when two or more sites are combined to produce greater utility. See also assemblage.

Assemblage The combining of two or more parcels, usually but not necessarily contiguous, into one ownership or use; the process that creates plottage value. (USPAP, 2002 ed.) See also plottage.

Assemblage Cost The excess cost incurred to acquire individual adjacent parcels of real estate in a single ownership beyond the estimated cost of acquiring similar sites that do not form a specifically desired assemblage.

Scope of Work “The Scope of Work is a written set of expectations that form an agreement or understanding between the appraiser and the agency as to the specific requirements of the appraisal, resulting in a report to be delivered to the agency by the appraiser. It includes identification of the intended use and intended user; definition of fair market value; statement of assumptions and limiting conditions; and certifications the type and extent of research and analyses in an assignment. Either the appraiser or the agency may recommend modifications to the initial Scope of Work, but both parties must approve changes.”¹⁷

¹⁷ Federal Highway Administration, Guide For Preparing An Appraisal Scope of Work, October, 2005

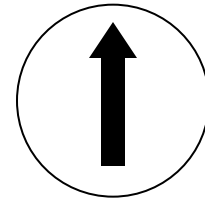
Sketch of Property¹⁸

AREAS

Area of Whole Tract - Before: 5.70 acres

Area of Remaining Tract - After: 5.36 acres

Area to be Acquired: 0.34 acres



Directions North



¹⁸ **Sketch Must Show:** (Note: It is not required that the sketch be drawn to scale)

1. All boundary dimensions.
2. Location of all significant improvements.
3. Location of other significant features (creeks, woods, power lines, access limits, drives, fences, railroads, roads, etc.)
4. Relation of improvements to areas taken.
5. Area to be acquired.
6. Area of remainder(s).
7. Different uses (if appropriate).

Parcel No. Tract: TR 3 Rev Project Access Road to Waste Water Treatment Plant
Land Appraisal Report

FORREST COUNTY
IDENTIFY THE INSTRUMENT
WAS FILED AND RETURNED
133222
2008 JUL 25 AM 9:50

WITNESS MY HAND AND SEAL
JIMMY C. HAVARD
CHANCERY CLERK

Page 1 of 3

STATE OF MISSISSIPPI
COUNTY OF FORREST

Indexing Instructions: NE 1/4 of the SW 1/4 of S14, T4N, R13W

WARRANTY DEED

FOR AND IN CONSIDERATION the sum of TEN DOLLARS (\$10.00), cash in hand paid, and other good and valuable considerations, the receipt and sufficiency of all of which is hereby acknowledged, the undersigned **JAMES M. OBERLIES, GRANTOR**, does hereby sell, convey and warrant unto JAMES M. OBERLIES, AS TRUSTEE OF THE JAMES M. OBERLIES REVOCABLE TRUST, UNDER TRUST AGREEMENT DATED JULY 23, 2008, GRANTEE, to be held and administered as a part of such trust, the following described land and property, lying and being situated in Forrest County, Mississippi, to wit:

The following-described real property, lying and being situated in Section 14, Township 4 North, Range 13 West, Forrest County, Mississippi, to-wit:

Commence at the Northwest Corner of the Northeast Quarter (NE 1/4) of the Southwest Quarter (SW 1/4) of Section 14, Township 4 North, Range 13 West, and run thence South 478 feet, thence run North 81°04' East for 319 feet, thence run South 8°56' East for 141 feet, thence run East 344.9 feet to the center of said Northeast Quarter, Southwest Quarter, thence run North 611 feet, more or less, to the North line of said 40-acre tract, and thence run West along the North line of said 40-acre tract for 660.0 feet, to the Point of Beginning.

LESS AND EXCEPT a portion of the above-described property described in a Partial Release of Lien from Small Business Administration dated July 8, 1983, recorded in Deed of Trust Book 568 at page 265 in the office of the Chancery Clerk of Forrest County, Mississippi, as follows:

BOOK 1040 PAGE 0462

Page 2 of 3

That part of the Northeast Quarter (NE 1/4) of the Southwest Quarter (SW 1/4) of Section 14, Township 4 North, Range 13 West, Forrest County, Mississippi, more particularly described as commencing at the Northwest Corner of the Northeast Quarter (NE 1/4) of the Southwest Quarter (SW 1/4) of said Section 14 and run thence South for a distance of 278 feet to and for the POINT OF BEGINNING: from said Point of Beginning run thence, South for a distance of 200 feet, run thence North 81°04' East for a distance of 200.00 feet, run thence North for a distance of 168.87 feet, and run thence West for a distance of 197.45 feet back to the Point of Beginning.

And, LESS AND EXCEPT a portion of the above-described property conveyed by Trustee's Deed from William F. Jones, Trustee, to John S. Gamble dated February 22, 1984, recorded in Deed Book 535 at page 486 of the aforesaid records, as follows:

Commence at the Northwest Corner of the Northeast Quarter (NE 1/4) of the Southwest Quarter (SW 1/4) of Section 14, Township 4 North, Range 13 West, Forrest County, Mississippi, and run thence South 478 feet; run thence North 81°04' East 200 feet to the POINT OF BEGINNING of the property herein described. From the said Point of Beginning, run thence North 159.76 feet; run thence North 89°20' East 195.16 feet, run thence South 153.72 feet; run thence South 81°04' West 25.15 feet; run thence South 08°56' East 126.86 feet; run thence West 52.61 feet; run thence North 08°56' West 141.0 feet; run thence South 81°04' West 119 feet to the Point of Beginning.

Together with all improvements situated thereon and all appurtenances thereunto belonging.

This conveyance is made subject to any prior reservation of oil, gas and other minerals and any restrictions or other matters of record.

Grantor represents that he is not married.

That Certificate of Trust describing The James M. Oberlies Revocable Trust, dated July 23, 2008 (a copy of which is attached hereto), is hereby amended by incorporating

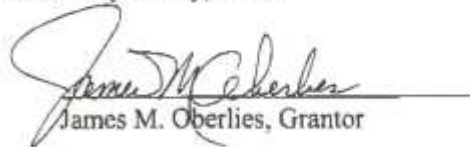
BOOK 1040 PAGE 0463

Page 3 of 3

therein the property described above. This amendment to the Certificate of Trust shall be effective immediately.

Taxes for the current year are assumed by the Grantee.

WITNESS MY SIGNATURE, this the 23rd day of July, 2008.


James M. Oberlies, Grantor

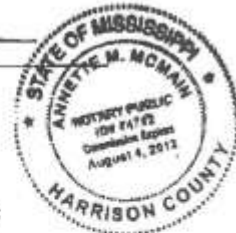
ACKNOWLEDGMENT

STATE OF MISSISSIPPI
COUNTY OF HARRISON

Personally appeared before me, the undersigned authority in and for the said county and state, on this 23rd day of July, 2008, within my jurisdiction, the within named James M. Oberlies, who acknowledged that he executed and delivered the above and foregoing instrument.

My Commission Expires:


NOTARY PUBLIC



Grantor:
James M. Oberlies
241 Oakwood Drive
Gulfport, Mississippi 39507
Tel: (228) 861-0124

Grantee:
James M. Oberlies, as Trustee
241 Oakwood Drive
Gulfport, Mississippi 39507
Tel: (228) 861-0124

Prepared By and Return to:
Kaleel "Teal" Salloum, Jr.
Salloum Law Firm, PLLC
Post Office Box 1717
Gulfport, Mississippi 39502
Tel: (228) 863-6727

TITLE NOT EXAMINED

BOOK 1040 PAGE 0464

Page 1 of 2

Prepared By:
Kaleel "Teal" Salloum, Jr.
Salloum Law Firm, PLLC
Post Office Box 1717
Gulfport, Mississippi 39502
(228) 863-6727

CERTIFICATE OF TRUST

1. NAME OF THE TRUST:

The James M. Oberlies Revocable Trust, dated July 23, 2008

2. STREET AND MAILING ADDRESS OF THE OFFICE, AND THE NAME AND STREET AND MAILING ADDRESS OF THE TRUSTEE :

James M. Oberlies
241 Oakwood Drive
Gulfport, Mississippi 39507

3. NAME AND STREET AND MAILING ADDRESS OF THE GRANTOR:

James M. Oberlies
241 Oakwood Drive
Gulfport, Mississippi 39507

4. LEGAL DESCRIPTION OF INTERESTS IN REAL PROPERTY OWNED BY OR CONVEYED TO THE TRUST:

All interests in real property hereafter conveyed to said Trust. Any instrument conveying such property to the Trust shall be and is hereby deemed an amendment to this Certificate of Trust. Indexing instructions indefinite.

5. ANTICIPATED DATE OF TERMINATION OF THE TRUST:

The Trust will terminate upon the first to occur of the following: (i) revocation of the trust by the Grantor, (ii) expiration of the term allowed for the trust under the Rule

BOOK 1040 PAGE 0465

Page 2 of 2

against Perpetuities, and (iii) distribution of all of the trust assets in accordance with the terms of the Trust Agreement creating the Trust.

6. GENERAL POWERS GRANTED TO THE TRUSTEE:

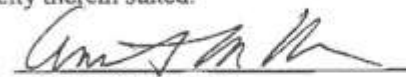
The powers reasonably required for the efficient administration of the Trust, the power to do and perform all things and acts, and to deal with the Trust and each and every part thereof, as in the judgment and discretion of the Trustee may seem to be in the best interest of the Trust and the powers as provided and enumerated in Mississippi Code Annotated Section 91-9-107, including any amendments thereto, all in accordance with the specific provisions of the Trust Agreement creating the Trust.

IN WITNESS WHEREOF, the Trustee has executed this Certificate of Trust as of this 23rd day of July, 2008.


James M. Oberlies, as Trustee

STATE OF MISSISSIPPI
COUNTY OF HARRISON

Personally appeared before me, the undersigned authority in and for the said county and state, on this 23rd day of July, 2008, within my jurisdiction, the within named James M. Oberlies, who, in the capacity stated herein, acknowledged that he executed the above and foregoing instrument in the capacity therein stated.


NOTARY PUBLIC

My Commission Expires:



BOOK 1040 PAGE 0466



6760 US Hwy 98, Suite 2 Hattiesburg, MS 39402
601-271-9044 (T) 601-271-9099 (F)

August 21, 2015

James M. Oberlies Trust

The City of Hattiesburg is in the process of acquiring property for right-of-way purposes in relation to the sewer access road project in Forrest County, Mississippi. In order to complete this project, some property will need to be acquired from your property. Our firm will be conducting the real estate appraisals for the acquisition of the property in relation to this project. As stated we always offer the land owner an opportunity to meet with us, or accompany us during our site inspection. As you stated, you did not want to meet at this time. If this changes or should you have any other questions please call our office number at 601-271-9044.

We have enclosed a copy of the tax map of your property, and the right of way plat showing the acquisition area. If you have any questions please call our office at (601) 271-9044. George W. Null, MAI, will be available for any questions or requests you may have.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "George W. Null". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

George W. Null, MAI
Collins and Null Appraisals, Inc.
State Certified General Real Estate Appraiser, GA-679

Forrest County Mississippi



Delta Computer Systems, Inc.

Property Link

FORREST COUNTY, MS

Current Date 8/18/2015

Tax Year 2014
Records Last Updated 8/18/2015**PROPERTY DETAIL**

OWNER OBERLIES JAMES M TRUST
241 OAKWOOD DR.
GULFPORT MS 39507

ACRES : **NA**
LAND VALUE : 3590
IMPROVEMENTS : **NA**
TOTAL VALUE: 3590
ASSESSED : 539

PARCEL 2-037E-14-001.00
ADDRESS 300 FAULKNER STREET

TAX INFORMATION

YEAR 2014	TAX DUE	PAID	BALANCE
COUNTY	32.98	32.98	0.00
CITY	25.56	25.56	0.00
SCHOOL	34.98	34.98	0.00
TOTAL	93.52	93.52	0.00

A Print Fee May Apply, Contact County For Total.

LAST PAYMENT DATE 12 / 22 / 2014**MISCELLANEOUS INFORMATION**

EXEMPT CODE	LEGAL
HOMESTEAD CODE	None
TAX DISTRICT	1110
PPIN	026826
SECTION	14
TOWNSHIP	04N
RANGE	13W
Book 1040	Page 462

POB NWC NE1/4 SW1/4 S 278 E
197.45 S 9.1 E 195.16 S 153.7
W 25 S 126.3E 344.9 N 611 W
660 TO POB B572-54 7/86
PREV #:H1026-00-025
B636 P383 7/23/90
B572/P54 7/86
B 1040 P 462 07/23/2008

TAX SALES HISTORY, FOR UNPAID TAXES

Year	Sold To	Redeemed Date/By
NO TAX SALES FOUND		

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Forrest County Mississippi



Delta Computer Systems, Inc.

Property Appraisal Link

FORREST COUNTY, MS

Current Date 8/18/2015

Tax Year 2014

APPRAISAL INQUIRY
PARCEL 2-037E-14-001.00 **ALT PARCEL NUMBER** 245 -0000-014-025.00
PPIN 026826 **SKETCH** 1
OWNER NAME OBERLIES JAMES M TRUST
OWNER ADDRESS P O BOX 669
 KILN MS39556
PROPERTY ADDRESS 300 FAULKNER STREET
PROPERTY IS VACANT (Y/N) N
FIELD WORK BY **DATE:** //
CLASSED BY **DATE:** //
REVIEWED BY ODO **DATE:** 2/15/2009
REALTOR CODE

LEGAL DESCRIPTION
 1 POB NWC NE1/4 SW1/4 S 278 E
 2 197.45 S 9.1 E 195.16 S 153.7
 3 W 25 S 126.3E 344.9 N 611 W
 4 660 TO POB B572-54 7/86
 5 PREV #-H1026-00-025
 6 B636 P383 7/23/90
 7 B572/P54 7/86

Block 014 Section 14 Township 04N Range 13W
 Book 1040 Page 462 Type WD Date 7/23/2008

LOT INFORMATION

LOT CODE ALL LOT SIZE LOT VALUE 3590

CODE	FRONT ET DEPTH	PRICE	DEPTH TABLE	DEPTH % ADJ. %	DESCRIPTION	ADJ PRICE	APPRAISED	CLASS
OVER	1.00	3780.00	99	1.00 1.00	GROSS LAND	3780.00	3590	1

ACRE INFORMATION

ACRES TYPE QUAL CLASS PRICE CODE UNCULTIVATED CODE PRICE ADJ. % DESCRIPTION APPRAISED MARKET
 *** NO ACREAGE INFO ***

ACREAGE VALUE OVERALL VALUE 3590
 LAND USE CODE CLASS 1 1110 ONE FAMILY UNIT
 LAND USE CODE CLASS 2 1110 ONE FAMILY UNIT

BUILDING DESCRIPTIONS

NUMBER	CODE	BUILDING DESCRIPTION	VALUE	ELIGIBLE CLASS 1
*** NO BUILDING INFO ***				

TOTAL PARCEL VALUE 3590



View Tax

Back



City of Hattiesburg, MS

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

FILE NUMBER: 2017-500

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Authorize payment to Pine Belt Regional Solid Wast

Title: Authorize payment to Pine Belt Regional Solid Waste Management Authority for a parcel of land in Forrest County as described in Deed (attached) for the Wastewater Plant Access Road. Approve and authorize issuance of manual check in the amount of \$500.00 to Pine Belt Regional Solid Waste Management Authority.

Type: Action Item

Drafter: LaTasha McDaniel, Engineering

In Control: City Council

Reference: Lamar Rutland

Attachments: Warranty Deed

File Created: 06/13/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File

Prepared by and Return to:

Robert T. Jackson, Jr.
Jackson, Tullos & Rogers, PLLC
Post Office Box 15517
Hattiesburg, MS 39404-5517
(601) 264-3309

Grantee Address:

**City of Hattiesburg
Dept of Engineering
P. O. Box 1898
Hattiesburg, MS 39403-1898
Phone: (601) 545-4540**

Grantor Address:

**Pine Belt Regional Solid Waste Management Authority
a Mississippi non-profit corporation
P. O. Box 1898
Hattiesburg, MS 39403-1898
Phone: (601)_____**

WARRANTY DEED

STATE OF MISSISSIPPI
COUNTY OF FORREST

INDEXING INSTRUCTIONS: NE ¼ SW ¼ S14, T4N, R13W

FOR AND IN CONSIDERATION of Five Hundred and 00/100 Dollars (\$500.00) the receipt and sufficiency of which is hereby acknowledged, we, the undersigned, hereby grant, bargain, sell, convey and warrant unto the City of Hattiesburg, Mississippi, a municipal corporation, the following described land:

Initial _____

**Project No. N-S No. 12273.04
(Wastewater Plant Access Road)**

County Tax Parcel No. 2-037E-14-005.00

The following description is based on the Mississippi State Plane coordinate System, East Zone, NAVD 88, NAD 83/93, grid values, using a combined scale factor of 0.999969137 and a convergence angle of (-) 00 degrees 13 minutes 48 seconds developed at the **Point of Commencement**, derived from using the University of Southern Mississippi's RTK/VRS global positioning network.

Commencing at a ½ inch iron pin found at the intersection of the south line of Section 14, Township 4 North, Range 13 West, Forrest County, Mississippi, with the east right of way line of the Illinois Central Gulf Railroad, said point having a value of N:656028.25, E:846069.35 on the above referenced coordinate system, thence run along said east right of way line North 00 degrees 01 minutes 28 seconds East a distance of 1972.31 feet to the northwest corner of grantor's property; thence along the north line of grantor's property, North 81 degrees 05 minutes 28 seconds East a distance of 336.45 feet to a found ½" rebar, said point having a value of N:658052.70, E:846402.59 on the above referenced coordinate system (a chain link fence runs along this line also); thence run South 89 degrees 58 minutes 24 seconds East along said grantor's north property line a distance of 291.81 feet (a chain link fence runs along the majority of this line) and the **Point of Beginning** of the parcel herein described:

From the **Point of Beginning** continue to run South 89 degrees 58 minutes 24 seconds East along said grantor's north property line a distance of 221.64 feet to the grantor's northeast property corner; thence leaving said north property line run South 05 degrees 49 minutes 58 seconds East along the grantor's east property line a distance of 41.22 feet; thence leaving said east property line run North 79 degrees 41 minutes 01 seconds West a distance of 229.54 feet and back to the **Point of Beginning**, containing 0.10 acres, more or less, and situated in the Northeast Quarter of the Southwest Quarter of Section 14, Township 4 North, Range 13 West, Forrest County, Mississippi.

The Grantor herein further warrants that the above described property is no part of his homestead.

It is further understood and agreed that the consideration herein named is in full, complete and final payment and settlement of any claims or demands for damage accrued, accruing, or to accrue to the Grantor herein, his heirs, assigns, or legal representatives, for or on account of the construction of the proposed project, change of grade, water damage, and/or any other damage, right or claim whatsoever.

It is further understood and agreed that this instrument constitutes the entire agreement between the Grantor and the Grantee, there being no oral agreements or representations of any kind.

WITNESS THE SIGNATURE of the Grantor on this, the ____ day of _____, A.D., 2017.

Initial _____

**Project No. N-S No. 12273.04
(Wastewater Plant Access Road)**

County Tax Parcel No. 2-037E-14-005.00

Signature:

Pine Belt Regional Solid Waste Management Authority

By: _____
Print Name: _____
Title: _____

STATE OF MISSISSIPPI
COUNTY OF _____

THIS DAY personally came and appeared before me, the undersigned authority in and for the jurisdiction aforesaid, the within-named _____, who acknowledged that he is _____ of the **Pine Belt Regional Solid Waste Management Authority**, a Mississippi non-profit Corporation, and on behalf of the said corporation, and as its act and deed, he executed, signed, and delivered the above and foregoing instrument, after first having been duly authorized so to do.

GIVEN UNDER MY HAND AND OFFICIAL SEAL OF OFFICE, this the _____ day of _____, 2017.

NOTARY PUBLIC

My Commission Expires:

Initial _____

**Project No. N-S No. 12273.04
(Wastewater Plant Access Road)**

County Tax Parcel No. 2-037E-14-005.00



City of Hattiesburg, MS

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

FILE NUMBER: 2017-503

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Authorize Mayor to execute contract between City of Hattiesburg and Bush Construction Company

Title: Authorize Mayor to execute contract between City of Hattiesburg and Bush Construction Company, Inc. in the amount of \$1,248,577.68 for the Fourth Street Roadway Improvements Project - Phase II (Federal Aid Project # HPP-7194-00(003) LPA/105845-801000).

Type: Action Item

Drafter: LaTasha McDaniel, Engineering

In Control: City Council

Reference: Lamar Rutland

Attachments: Signed Specs

File Created: 06/13/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File

*SPECIAL PROVISIONS, PROPOSAL AND CONTRACT DOCUMENTS
FOR
THE CONSTRUCTION OF*

*FEDERAL AID PROJECT NO.
HPP 7194-00(003) LPA/105845-801000*

***FOURTH STREET ROADWAY
IMPROVEMENTS PROJECT – PHASE II
FOR THE
CITY OF HATTIESBURG
HATTIESBURG, MISSISSIPPI
FORREST COUNTY***



2017

PREPARED BY



Date: March 13, 2017

To: Plan Holders

Company:

Project No.:

Phone No.:

Fax No.:

From: City of Hattiesburg

Subject: ADDENDUM NO. 1
Fourth Street Roadway Improvements Project – Phase II
Project No. HPP 7194-00(003) LPA/105845-801000
Forrest County, Mississippi

Attached is Addendum No. 1 for the above referenced project.

**Plan Holders are reminded that this Addendum must be acknowledged on
Page 905-2.**

Please acknowledge receipt of this Addendum by signing in the space provided below and return this page by facsimile to: Neel-Schaffer, Inc., Fax Number: (601) 545-2267, or e-mail your acknowledgment to Jennifer.Nobles@neel-schaffer.com before 12:00 P.M., Tuesday, March 14, 2017.

NAME: David A. Dell DATE: 3-14-17 TIME: 3:20 PM

COMPANY (Please Print): BUSH CONSTRUCTION COMPANY, INC.

**** ADDENDUM NO. 1 ****

You should receive (7) pages **including this cover sheet**. Please notify us if the message is incomplete or unclear. Thank you.

1. Replace Sheet 905-2 in the Special Provision, Proposal and Contract Documents with the attached **Sheet 905-2**.
2. Replace sheets 905-3 thru 905-6 in the Special Provision, Proposal and Contract Documents with attached **Sheet 905-3 thru 905-6**.

SECTION 905 PROPOSAL (Continued)

I (We) further propose to execute the attached contract agreement (Section 902) as soon as the work is awarded to me (us), and to begin and complete the work within the time limit(s) provided for in the Specifications and Advertisement. I (We) also propose to execute the attached contract bond (Section 903) in an amount not less than one hundred (100) percent of the total of my (our) part, but also to guarantee the excellence of both workmanship and materials until the work is finally accepted.

I (We) enclose a certified check, cashier's check or bid bond for **five percent (5%) of the total bid** and hereby agree that in case of my (our) failure to execute the contract and furnish bonds within Ten (10) days after notice of award, the amount of this check (bid bond) will be forfeited to the Local Public Agency as liquidated damages arising out of my (our) failure to execute the contract as proposed. It is understood that in case I am (we are) not awarded the work, the check will be returned as provided in the Specifications.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO. <u>1</u>	DATED <u>03/13/2017</u>	ADDENDUM NO. _____	DATED _____
ADDENDUM NO. _____	DATED _____	ADDENDUM NO. _____	DATED _____

1. Replace Sheet 905-2 in the Special Provision, Proposal and Contract Documents with the attached Sheet 905-2.
2. Replace sheets 905-3 thru 905-6 in the Special Provision, Proposal and Contract Documents with attached Sheet 905-3 thru 905-6.

TOTAL ADDENDA: _____
(Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE _____

Contractor

BY _____
Signature

TITLE _____

ADDRESS _____

(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	_____ Address
_____ Secretary	_____ Address
_____ Treasurer	_____ Address

The following is my (our) itemized proposal.

Revised 11/2008

SECTION 905 PROPOSAL (Bid Sheet No. 3-7)

PROJECT NUMBER: HPP-7194-00(003) LPA / 105845-801000

COUNTY: FORREST

PROJECT DESCRIPTION: FOURTH STREET ROADWAY IMPROVEMENTS PROJECT - PHASE II

I (We) agree to complete the entire project within the specified contract time.

***** SPECIAL NOTICE TO BIDDERS *****

BIDS WILL NOT BE CONSIDERED UNLESS BOTH UNIT PRICES AND ITEM TOTALS ARE ENTERED.

BIDS WILL NOT BE CONSIDERED UNLESS THE BID CERTIFICATE LOCATED AT THE END OF THE BID SHEETS IS SIGNED.

BID SCHEDULE					
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	1	LS	CLEARING AND GRUBBING	XXXX	
202-A001	1	LS	REMOVAL OF OBSTRUCTIONS	XXXX	
202-B005	2,615	SY	REMOVAL OF ASPHALT PAVEMENT, ALL DEPTHS		
202-B030	585	SY	REMOVAL OF CONCRETE PAVEMENT, ALL DEPTHS		
202-B035	290	SY	REMOVAL OF CONCRETE SIDEWALK		
202-B038	3165	LF	REMOVAL OF CURBS, ALL TYPES		
202-B057	6	EACH	REMOVAL OF INLETS, ALL SIZES		
202-B064	405	LF	REMOVAL OF PIPE, 8" AND ABOVE		
203-A003	200	CY	UNCLASSIFIED EXCAVATION, FM, AH		
203-EX038	600	CY	BORROW EXCAVATION, AH, FME, CLASS B7-6		
203-G003	750	CY	EXCESS EXCAVATION, FM, AH		
206-A001	960	CY	STRUCTURE EXCAVATION		
209-A004	3,430	SY	GEOTEXTILE STABILIZATION, TYPE V, NON-WOVEN		
211-B001	375	CY	TOPSOIL FOR SLOPE TREATMENT, CONTRACTOR FURNISHED		
211-D001	45	CY	TOPSOIL FOR PLANT PITS, CONTRACTOR FURNISHED		
907-216-B001	2,100	SY	SOLID SODDING, CENTIPEDE		
219-A001	350	KGAL	WATERING	\$20.00	\$7,000.00
220-A001	1	ACRE	INSECT PEST CONTROL		
907-230-A044	245	EACH	SHRUB PLANTING, PARSONS JUNIPER		
907-230-B076	5	EACH	TREE PLANTING, SAVANNAH HOLLY		
907-230-B087	12	EACH	TREE PLANTING, CRAPE MYRTLE 'SIOUX'		
907-230-D001	975	SF	BED PREPARATION		
232-A003	1	K	FERTILIZER FOR WOODY PLANT MATERIAL, TABLET, 10 G		
234-A001	500	LF	TEMPORARY SILT FENCE		

BID SCHEDULE					
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
907-237-A002	200	LF	WATTLES, 12"		
907-246-A001	200	LF	SANDBAGS		
			ALTERNATE GROUP AA NUMBER 1		
907-304-G001	850	CY	SIZE 825B CRUSHED STONE BASE, AEA		
			ALTERNATE GROUP AA NUMBER 2		
907-304-G003	850	CY	3/4" AND DOWN CRUSHED STONE BASE, AEA		
			ALTERNATE GROUP AA NUMBER 3		
907-304-G002	850	CY	SIZE 610 CRUSHED STONE BASE, AEA		
907-403-A023	515	TON	12.5-mm, MT, ASPHALT PAVEMENT		
907-403-A024	610	TON	19-mm, MT, ASPHALT PAVEMENT		
907-403-A022	550	TON	9.5-mm, MT, ASPHALT PAVEMENT		
907-403-B017	1,100	TON	12.5-mm, MT, ASPHALT PAVEMENT, LEVELING		
406-A001	1,025	SY	COLD MILLING OF BITUMINOUS PAVEMENT, ALL DEPTHS		
907-407-A001	500	GAL	ASPHALT FOR TACK COAT		
907-601-B003	57	CY	CLASS "B" STRUCTURAL CONCRETE, MINOR STRUCTURES		
907-601-B004	1	CY	CLASS "C" STRUCTURAL CONCRETE, MINOR STRUCTURES		
602-A001	4,680	LBS	REINFORCING STEEL		
603-A039	10	LF	14" STEEL PIPE, WALL THICKNESS 0.375"		
603-B002	20	LF	4" CAST IRON PIPE, CLASS I		
603-CA088	8	LF	18" REINFORCED CONCRETE PIPE, CLASS III, RUBBER TYPE GASKETS		
603-CA089	14	LF	24" REINFORCED CONCRETE PIPE, CLASS III, RUBBER TYPE GASKETS		
603-CA129	12	LF	15" REINFORCED CONCRETE PIPE, CLASS III, RUBBER TYPE GASKETS		
603-CE039	1,415	LF	22"x13" CONCRETE ARCH PIPE, CLASS A III, FLEXIBLE TYPE GASKETS		
603-CE041	193	LF	29"x18" CONCRETE ARCH PIPE, CLASS A III, FLEXIBLE TYPE GASKETS		
603-CF002	1	EACH	29"x18" CONCRETE ARCH PIPE END SECTION		
604-A001	1,343	LBS	CASTINGS		
604-B001	340	LBS	GRATINGS		
907-604-PP005	56	LF	TRENCH DRAIN, PER PLANS		
608-A001	790	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT		
907-608-E002	1,520	SF	ASPHALT PAVEMENT TEXTURING		
609-B001	94	LF	CONCRETE CURB, HEADER		
609-D008	3,225	LF	COMBINATION CONCRETE CURB AND GUTTER, TYPE 3A		
613-D005	5	EACH	ADJUSTMENT OF MANHOLES		

BID SCHEDULE					
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
614-B002	703	SY	CONCRETE DRIVEWAY, WITH REINFORCEMENT, 6-INCH THICKNESS		
907-616-C003	180	SF	COLORED AND IMPRINTED CONCRETE MEDIAN AND/OR ISLAND PAVEMENT, 10-INCH THICKNESS		
907-618-A001	1	LS	MAINTENANCE OF TRAFFIC	XXXX	
907-618-B001	1	SF	ADDITIONAL CONSTRUCTION SIGNS	\$10.00	\$10.00
620-A001	1	LS	MOBILIZATION	XXXX	
630-A001	69	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS		
630-A002	9	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.125" THICKNESS		
630-C004	168	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT		
653-B001	50	SF	STREET NAME SIGN, ENCAPSULATED LENS		
907-699-A002	1	LS	ROADWAY CONSTRUCTION STAKES	XXXX	
815-B001	40	SY	GROUTED RIPRAP		
815-E001	40	SY	GEOTEXTILE UNDER GROUTED RIPRAP, TYPE V, NON-WOVEN		
907-626-D004	1,150	LF	6" THERMOPLASTIC TRAFFIC STRIPE, SKIP YELLOW		
907-626-E003	2,575	LF	6" THERMOPLASTIC TRAFFIC STRIPE, CONTINUOUS YELLOW		
907-626-G004	325	LF	THERMOPLASTIC DETAIL STRIPE, WHITE		
907-626-G005	117	LF	THERMOPLASTIC DETAIL STRIPE, YELLOW		
907-626-H004	989	LF	THERMOPLASTIC LEGEND, WHITE		
907-626-H005	291	SF	THERMOPLASTIC LEGEND, WHITE		
627-K001	16	EACH	RED-CLEAR REFLECTIVE HIGH PERFORMANCE RAISED MARKERS		
627-L001	161	EACH	TWO-WAY YELLOW REFLECTIVE HIGH PERFORMANCE RAISED MARKERS		
907-265-A008	220	LF	6" C900 PVC WATER LINE		
907-265-B006	220	LF	6" DUCTILE IRON WATER MAIN		
907-265-A007	60	LF	8" C900 PVC WATER LINE		
907-265-B007	60	LF	8" DUCTILE IRON WATER MAIN		
907-265-C002	1,850	LBS	DUCTILE IRON FITTINGS		
907-265-F001	3	EACH	FIRE HYDRANT ASSEMBLY		
907-265-D017	1	EACH	8" INSERTION VALVE		
907-265-D027	2	EACH	6" INSERTION VALVE		
907-265-K007	2	EACH	6" LINE STOP		
907-265-M005	10	EACH	SHORT SERVICE CONNECTION		
907-265-M006	15	EACH	LONG SERVICE CONNECTION		
907-639-A025	1	EACH	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE IV, 30' SHAFT, 30' & 55' ARMS		
907-639-A028	1	EACH	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE IV, 30' SHAFT, 30' ARM		

BID SCHEDULE					
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
907-639-A034	2	EACH	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE VI, 8' SHAFT		
907-639-C002	9	CY	POLE FOUNDATIONS, 36" DIAMETER		
907-639-C003	2	CY	POLE FOUNDATIONS, 24" DIAMETER		
640-A016	4	EACH	TRAFFIC SIGNAL HEADS, TYPE 1 LED		
640-A018	1	EACH	TRAFFIC SIGNAL HEADS, TYPE 3 LED		
640-A034	4	EACH	TRAFFIC SIGNAL HEADS, TYPE 6 LED COUNTDOWN		
640-A056	1	EACH	TRAFFIC SIGNAL HEADS, TYPE 2 FYA LED		
907-642-A003	1	EACH	SOLID STATE TRAFFIC ACTUATED CONTROLLERS, TYPE 8A		
644-A001	3	EACH	OPTICAL DETECTOR		
644-B001	360	LF	OPTICAL DETECTOR CABLE		
644-C002	1	EACH	PHASE SELECTOR, 4 CHANNEL		
646-A001	1	LS	REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT	XXXX	
647-A001	1	EACH	PULLBOX, TYPE 1		
647-A002	1	EACH	PULLBOX, TYPE 3		
647-A005	2	EACH	PULLBOX, TYPE 2		
907-649-A004	3	EACH	VIDEO DETECTION SYSTEM, 1 SENSOR, TYPE 2		
653-A001	15	SF	TRAFFIC SIGN, ENCAPSULATED LENS		
666-B015	520	LF	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IMSA 20-1, AWG 14, 5 CONDUCTOR		
666-B054	240	LF	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IMSA 20-1, AWG 14, 8 CONDUCTOR		
666-B040	30	LF	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, THHN, AWG #8, 3 CONDUCTOR		
666-B049	215	LF	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, THHN, AWG #10, 2 CONDUCTOR		
666-C017	115	LF	ELECTRIC CABLE, AERIAL SUPPORTED, IMSA 20-1, AWG 14, 8 CONDUCTOR		
668-A018	100	LF	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, TYPE 4, 2"		
668-A020	130	LF	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, TYPE 4, 3"		
668-B024	150	LF	TRAFFIC SIGNAL CONDUIT, UNDERGROUND DRILLED OR JACKED, ROLLED PIPE, 2"		
TOTAL BID					



AIA® Document A310™ – 2010

Bid Bond

CONTRACTOR:

(Name, legal status and address)

Bush Construction Company, Inc.
Post Office Box 8327
Laurel, MS 39441-8327

SURETY:

(Name, legal status and principal place of business)

SureTec Insurance Company
1330 Post Oak Blvd, Suite 1100
Houston, TX 77056

OWNER:

(Name, legal status and address)

City of Hattiesburg
200 Forrest Street
Hattiesburg, MS 39401

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

BOND AMOUNT: Five Percent (5%) of the Amount Bid-----

PROJECT:

(Name, location or address, and Project number, if any)

Fourth Street Roadway Improvements Project - Phase II
Federal Aid Project No. HPP 7194-00(003)LPA/105845-801000
Forrest County, Mississippi

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, 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. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this **16th** day of **March**, 2017


(Witness)

Bush Construction Company, Inc.

(Contractor as Principal)

(Seal)

(Title)

SureTec Insurance Company

(Surety)

(Seal)

(Title)

Dewey Elise Brashier, Attorney-In-Fact
MS Resident Agent

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

Jim Eley Brashier, Dewey Elise Brashier, Loren Richard Howell Jr., Kathleen B. Scarborough, Troy P. Wagener, Susan Skrmetta 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:

Seven Million and 00/100 Dollars (\$7,000,000.00)

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 shall continue in force until 05/18/2017 and is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

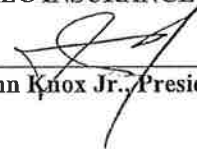
Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company 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 21st day of March, A.D. 2013.

SURETEC INSURANCE COMPANY

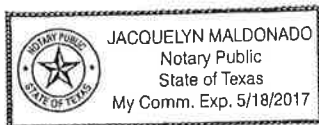
By: 
John Knox Jr., President

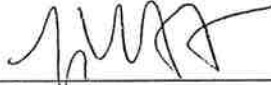
State of Texas
County of Harris

ss:



On this 21st day of March, A.D. 2013 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 Maldonado, Notary Public
My commission expires May 18, 2017

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 16th day of March, 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.

**BIDDER CHECK LIST
(FOR INFORMATION ONLY)**

- _____ All unit prices and item totals have been entered in accordance with Subsection 102.06 of the Mississippi Standard Specifications for Road and Bridge Construction.
- _____ First sheet of SECTION 905--PROPOSAL has been completed.
- _____ Second sheet of SECTION 905--PROPOSAL has been completed and signed.
- _____ Addenda, if any, have been acknowledged. Second sheet of Section 905 listing the addendum number has been substituted for the original second sheet of Section 905. Substituted second sheet of Section 905 has been properly completed, signed, and added to the proposal.
- _____ DBE/WBE percentage, when required by contract, has been entered on last sheet of the bid sheets of SECTION 905--PROPOSAL.
- _____ Form OCR-485-LPA has been completed and signed.
- _____ The last sheet of the bid sheets of SECTION 905--PROPOSAL has been signed.
- _____ Equal Opportunity Clause Certification, when included in contract, has been completed and signed.
- _____ The Certification regarding Non-Collusion, Debarment and Suspension, etc. has been executed in duplicate.
- _____ A certified check, cashier's check or bid bond payable to the Local Public Agency in the principle amount of 5% of the bid has been included with project number identified on same. Bid bond has been signed by the bidder and has also been signed or countersigned by a Mississippi Agent or Qualified Nonresident Agent for the Surety with Power of Attorney attached.
- _____ A completed Notice to Bidders regarding DUNS Requirements must be completed prior to award of the contract.

Return the proposal and contract documents in its entirety in a sealed envelope. DO NOT remove any part of the contract documents; exception – an addendum requires substitution of second sheet of Section 905. A stripped proposal is considered as an irregular bid and will be rejected.

Failure to complete any or all of the applicable requirements will be cause for the proposal to be considered irregular.

CONTENTS

**PROJECT: FOURTH STREET ROADWAY IMPROVEMENTS PROJECT
PROJECT – PHASE II
PROJECT NO. HPP-7194-00(003)LPA/105845-801000
CITY OF HATTIESBURG, MISSISSIPPI**

Bidder's Checklist

Section 901 - Advertisement for Bids

Section 904 - Notice to Bidders

#1:	Governing Specifications
#2LPA:	Designating Owner and Engineer
#3:	Final Cleanup
#151:	Gopher Tortoises
#640:	Fiber Reinforced Concrete
#1322:	Non-use of Precast Drainage Units
#1405:	Errata and Modifications to the 2004 Standard Specifications
#1546:	Advancement of Materials
#1595:	Vibratory Roller
#1902LPA:	Disadvantaged Business Enterprise Forms
#1928:	Federal Bridge Formula
#2168:	Fuel and Material Adjustments
#2382:	Status of Right of Way
#2382:	Attachments for Status of Right of Way
#2677:	Material Transfer Device
#2689LPA:	Asphalt Smoothness Requirement
#3067:	Storm Water Discharge Associated with Construction Activities (≥ 1 and < 5 Acres)
#3612:	Additional Erosion Control Requirements
#4214:	Safety Apparel
#4473:	Alternate Crushed Stone Base Bid Items
#4488LPA:	DBE Forms, Participation and Payment
#4565:	Manual on Uniform Traffic Control Devices
#4566:	DUNS Requirement
#5053:	Contractor Correspondence
#5405:	Traffic Control Devices
#5411:	Safety Edge
#5412:	Weight Limits
#5865LPA:	Sampling and Testing of Concrete on Small LPA Projects
#5866LPA:	Payroll Requirements
#6411LPA:	Supplement to Disadvantage Business Enterprise
#6411:	Disadvantage Business Enterprise
#7001:	Contract Time

Section 906 - County Wage Rates
Supplement to Form FHWA-1273
Required Federal Contract Provision Form FHWA-1273
Executive Order 11246

Section 907 -	907-101-4:	Definitions
	907-102-4LPA:	Bidding Requirements and Conditions
	907-103-11:	Award and Execution of Contract
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	907-105-9:	Supplement to Control of Work
	907-105-9:	Control of Work
	907-107-13:	Supplement to Legal Relations & Responsibility to Public
	907-107-13:	Legal Relations & Responsibility to Public
	907-107-14:	Supplement to Contractor's Erosion Control Plan
	907-107-14:	Contractor's Erosion Control Plan
	907-108-38:	Prosecution and Progress
	907-109-8:	Measurement and Payment
	907-110-2:	Wage Rates
	907-216-1:	Solid Sodding
	907-230-11:	Tree and Shrub Planting
	907-233-1:	Tree Bark Mulch
	907-237-4:	Wattles
	907-246-3:	Sandbags
	907-265-1LPA:	Water Mains and Appurtenances
	907-304-13:	Granular Courses
	907-401-7:	Supplement to Asphalt Pavement
	907-401-7:	Asphalt Pavement
	907-403-14:	Asphalt Pavement
	907-407-2:	Tack Coat
	907-601-1:	Structural Concrete
	907-608-1:	Asphalt Pavement Texturing
	907-616-2:	Colored and Imprinted Concrete Median and Island Pavement
	907-618-13:	Temporary Construction Signs
	907-626-25:	Thermoplastic Traffic Markings
	907-639-8:	Traffic Signal and ITS Equipment Poles
	907-649-5:	Video Vehicle Detection
	907-699-5:	Construction Staking
	907-701-5:	Supplement to Hydraulic Cement
	907-701-5:	Hydraulic Cement
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	907-711-4:	Synthetic Structural Fiber Reinforcement
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	907-804-19:	Supplement to Concrete Bridges and Structures
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Construction Progress Schedule

Section 905 - Proposal

- Proposal, Proposal Sheet
- Bid Sheets
- Certification of Performance – Prior Federal Aid Projects
- Affidavit Regarding Non-Collusion, Debarment and Suspension

Section 902 - Contract Form

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Executive Compensation Certification

Guidance for Federal Spending Transparency

OCR-481-LPA – Disadvantaged Business Enterprise List

OCR-485-LPA – List of Firms Submitting Quotes

(Revisions to the Above Will Be Indicated on the Second Sheet of Section 905 as Addenda)

SECTION 901 - ADVERTISEMENT FOR BIDS

**CITY OF HATTIESBURG
FORREST COUNTY, MISSISSIPPI**

NOTICE TO CONTRACTORS

**FOURTH STREET ROADWAY IMPROVEMENTS PROJECT-PHASE II
FEDERAL-AID PROJECT NO.
HPP 7194-00(003) LPA/105845-801000**

Sealed bids will be received by the City of Hattiesburg, at the City Clerk's office, located at 200 Forrest Street, Hattiesburg, Mississippi 39401, until 10:00 a.m. local time, on Thursday, March 16, 2017 for supplying all labor, equipment, and materials (as specified) necessary for the construction of the above referenced project. All bids so received will be publicly opened and read aloud.

Work consists of widening 4th Street from Hutchinson Avenue to North Street. Project includes, sidewalk, drainage improvements, landscaping, and traffic signal upgrades.

The above general outline of features of the work does not in any way limit the responsibility of the contractor to perform all work and furnish all plant, labor, equipment and materials required by the specifications and the drawings referred to therein.

Plans, contract documents and special provisions and proposal forms are on file for public inspection in the office of the City of Hattiesburg, City Clerk's Office located at 200 Forrest Street, Hattiesburg, Mississippi 39401 and in the office of Neel-Schaffer, Inc., Post Office Box 1487, Hattiesburg, MS 39403-1487 (704 Hardy Street, Telephone No. 601-545-1565).

Bid documents are being made available via paper copy. Plan holders are required to log-in or register for an account at www.neel-schafferplans.com to view and order Bid Documents. All plan holders are required to have a valid email address for registration. Bid documents are non-refundable and must be purchased through the website. Questions regarding website registration and online orders please contact Plan House Printing at (601) 336-6378.

The attention of bidders is directed to the Special Provisions governing selection and employment of labor.

Minimum wage rates for Federal-Aid projects have been predetermined by the Secretary of Labor and are subject to Public Law 87-581 Work Hours Act of 1962, as set forth in the Special Provisions. Minimum wage rates for all other projects have been predetermined and set forth in advertised specifications.

The City of Hattiesburg hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged and women's business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

The award of this contract will be contingent upon the Contractor satisfying the DBE/WBE requirements.

The 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction, adopted by the Mississippi Department of Transportation, as referred to herein, may be purchased from the Mississippi Department of Transportation.

Each bid shall be accompanied by a Certified Check on a solvent bank or a Bidder's Bond issued by a Surety Company licensed to operate in the State of Mississippi, in the amount of five percent (5%) of the total bid price, payable to the City of Hattiesburg as bid security. Bidders shall also submit a current financial statement, if requested by the City. The successful bidder will be required to furnish a performance and payment bond in the amount of 100 percent of the contract amount. Both bonds shall be signed or counter-signed by a Mississippi Resident Agent.

The proposal and contract documents in its entirety shall be submitted in a sealed envelope and deposited with the City Clerk, 200 Forrest Street, Hattiesburg, Mississippi prior to the hour and date above designated.

The City of Hattiesburg reserves the right to reject any or all proposals, to waive technicalities or irregularities, or to advertise for new proposals, and the decision of the City of Hattiesburg to reject any bid or proposal shall not be cause for any liability or damages against the City of Hattiesburg, any officers or employees.

The bidder must agree to commence work on or before a date to be specified in a written "Notice to Proceed" of the Owner and to fully complete the project within the Contract Time. The bidder must also agree to pay as liquidated damages the sum specified in the Standard Specifications per day for each calendar day of overrun in Contract Time that work is not completed.

Work to be performed shall be in accordance with the "Mississippi State Highway Standard Specifications for Road and Bridge Construction, 2004", together with all amendments and/or special provisions and/or addenda to the standards duly approved and adopted, unless otherwise noted in these specifications.

The attention of Bidders is directed to the provisions of Subsection 102.07 pertaining to irregular proposals and rejection of bids.

City Clerk
City of Hattiesburg, Mississippi

Dates of Publication:

February 12, 2017

February 19, 2017

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1

CODE: (IS)

DATE: 05/03/2004

SUBJECT: Governing Specifications

The current (2004) Edition of the Standard Specifications for Road and Bridge Construction adopted by the Mississippi Transportation Commission is made a part hereof fully and completely as if it were attached hereto, except where superseded by special provisions, or amended by revisions of the Specifications contained herein. Copies of the specification book may be purchased from the MDOT Construction Division.

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.

In the event the plans or proposal contain references to the 1990 Edition of the Standard Specifications for Road and Bridge Construction, it is to be understood that such references shall mean the comparable provisions of the 2004 Edition of the Standard Specifications.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904- NOTICE TO BIDDERS NO. 2 LPA

CODE: (SP)

DATE: 04/02/2015

SUBJECT: Designating Owner and Engineer (Hattiesburg, Mississippi)

PROJECT: HPP-7194-00(003)LPA /105845-801000, Forrest County

Any reference in the Contract Documents to the State of Mississippi, Mississippi Department of Transportation, Mississippi Transportation Commission, or any official thereof shall be interpreted to mean *Forrest County*, the "Owner".

Any reference in the Standard Specifications to the Project Engineer, District Engineer, Office Engineer, or Engineer shall be interpreted to mean the *Engineer for Forrest County, Mississippi, Neel-Schaffer, Inc.*

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 3

CODE: (SP)

DATE: 05/03/2004

SUBJECT: Final Clean-Up

Immediately prior to final inspection for release of maintenance, the Contractor shall pick up, load, transport and properly dispose of all litter from the entire highway right-of-way that is within the termini of the project.

Litter shall include, but not be limited to, solid wastes such as glass, paper products, tires, wood products, metal, synthetic materials and other miscellaneous debris.

Litter removal is considered incidental to other items of work and will not be measured for separate payment.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 151

CODE: (IS)

DATE: 06/18/2004

SUBJECT: Gopher Tortoises

Bidders are hereby advised that the Contractor will be required to make special considerations regarding gopher tortoises on this project. In addition to the normal required documentation associated with borrow pits, the Contractor shall, for each site used to obtain or dispose of materials associated with this project, provide the Engineer with a letter from a qualified biologist certifying that the site was inspected prior to any clearing of vegetation or disposal of project materials and that the site is not inhabited by gopher tortoises, or appropriate avoidance measures have been installed. No individual lacking the proper State or Federal license shall touch or otherwise harass a gopher tortoise.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

| **SECTION 904 - NOTICE TO BIDDERS NO. 640**

CODE: (IS)

| **DATE: 09/26/2005**

SUBJECT: Fiber Reinforced Concrete

Bidders are hereby advised that synthetic structural fibers meeting the requirements of Subsection 907-711.04 may be used in lieu of wire mesh in some items of construction. Substitution of fibers for wire mesh will be allowed in the construction of paved ditches, paved flumes, paved inlet apron, driveways, guard rail anchors and pile encasements. Substitution in any other items of work must be approved by the State Construction Engineer prior to use.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1322

CODE: (SP)

DATE: 1/22/2007

SUBJECT: Non-Use of Precast Drainage Units

Bidders are hereby advised that the use of precast inlets and junction boxes will **NOT** be allowed on this project. Subsection 601.02.3 states that " the Contractor may request approval from the Engineer to furnish and install precast units in lieu of cast-in-place units". Should the Contractor make this request, the request will be denied.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1405

CODE: (IS)

DATE: 03/15/2007

SUBJECT: ERRATA AND MODIFICATIONS TO THE 2004 STANDARD SPECIFICATIONS

<u>Page</u>	<u>Subsection</u>	<u>Change</u>
101	201.01	In the second sentence of the first paragraph, change “salvable” to “salvageable”.
107	202.04	In the fourth sentence of the fourth paragraph, change “yard” to “feet”.
107	202.05	In the list of units measurements for 202-B, add “square foot”.
132	211.03.4	In the second sentence of the second paragraph, change “planted” to “plated”.
192	306.02.4	In the first line of the first paragraph, delete the word “be”.
200	307.03.7	In the fourth sentence of the second paragraph, change “lime-fly ash” to “treated”.
236	401.01	Change the header from “Section 403” to “Section 401”.
242	401.02.3.2	In the first sentence of the third full paragraph, add “1/8” in the blank before the inch mark.
250	401.02.6.3	In the second sentence of the first paragraph on page 250, change “rutting over ” ” to “rutting over 1/8” ”.
253	401.02.6.4.2	In the paragraph preceding the table, change “91.0” to “89.0”.
259	401.03.1.4	In the first paragraph, change “92.0 percent” to “the specified percentage (92.0 or 93.0)”.
269	403.03.2	In the table at the top of page 269, change the PI requirement from “=” to “≤”.

278	404.04	In the second sentence, change the subsection from "401.04" to "403.04".
283	409.02.2	Change "PG 64-22" to "PG 67-22".
294	413.02	In the first sentence of the second paragraph, change "707.02.1.3" to "Subsection 707.02.1.3".
340	511.04	In the second sentence of the second paragraph, change "412" to "512".
349	601.03.3	In the first sentence, change "804.03.2" to "804.03.5".
355	603.02	Change the subsection reference for Joint mortar from "707.03" to "714.11".
369	604.04	In the first sentence, change "601.04" to "Subsection 601.04".
427	619.04	Delete the second paragraph.
442	625.04	In the third paragraph, change "626.04" to "Subsection 626.04".
444	626.03.1.2	Delete the third sentence of the first paragraph.
464	631.02	Change the subsection reference for Water from "714.01.0" to "714.01.1".
570	682.03	Change the subsection number from "682-03" to "682.03".
575	683.10.4	Change the subsection number from "683.10.4" to "683.04".
575	683.10.5	Change the subsection number from "683.10.5" to "683.05".
596	701.02	In the table under the column titled "Cementations material required", change Class F, FA" to "Class F FA,".
603	702.11	In the first sentence, change "702.12" to "Subsection 702.12".
612	703.04.2	In the fifth paragraph, delete "Subsection 703.11 and".
616	703.07.2	In the Percentage By Weight Passing Square Mesh Sieves table, change the No. 10 requirement for Class 7 material from "30 - 10" to "30 - 100".

618	703.13.1	In the first sentence of the first paragraph, change "703.09" to "703.06".
618	703.13.2	In the first sentence, change "703.09" to "703.06".
671	712.06.2.2	In the first sentence, change "712.05.1" to "Subsection 712.05.1".
689	714.11.2	In the first sentence, change "412" to "512".
709	715.09.5	In the first sentence of the first paragraph, change "guage" to "gauge".
717	717.02.3.4	In the top line of the tension table, change "1 1/2" to "1 1/8" and change "1 1/8" to "1 1/2".
741	720.05.2.2	In the last sentence of this subsection, change "720.05.2.1" to "Subsection 720.05.2.1".
827	803.03.2.3.7.5.2	In the first sentence of the second paragraph, change "803.03.5.4" to "803.03.2.3.4".
833	803.03.2.6	In the first sentence, change "803.03.7" to "803.03.2.5".
854	804.02.11	In the last sentence of the first paragraph, change "automatically" to "automatic".
859	804.02.13.1.3	In the last sentence, change Subsection "804.02.12.1" to "804.02.12".
879	804.03.19.3.2	In the first sentence of the third paragraph, change "listed on of Approved" to "listed on the Approved".
879	804.03.19.3.2	In the last sentence of the last paragraph, change "804.03.19.3.1" to "Subsection 804.03.19.3.1".
962	814.02.3	In the first sentence, change "710.03" to "Subsection 710.03".
976	820.03.2.1	In the first sentence, change "803.02.6" to "803.03.1.7".
976	820.03.2.2	In the first sentence, change "803.03.9.6" to "803.03.1.9.2".
985	Index	Change the subsection reference for Petroleum Asphalt Cement from "702.5" to "702.05".

985	Index	Change the subsection reference for the Definition of Asphaltic Cement or Petroleum Asphalt from "700.2" to "700.02".
985	Index	Change the subsection reference for Automatic Batchers from "501.03.2.4" to "804.02.10.4".
986	Index	Delete "501.03.2" as a subsection reference for Batching Plant & Equipment.
988	Index	Change the subsection reference for the Central Mixed Concrete from "501.03.3.2" to "804.02.11".
988	Index	Change the subsection reference for the Concrete Batching Plant & Equipment from "501.03.2" to "804.02.11".
999	Index	Delete "501.03.3.3" as a subsection reference for Truck Mixers.
1001	Index	Change the subsection reference for Edge Drain Pipes from "605.3.5" to "605.03.5".
1002	Index	Change the subsection reference for Metal Posts from "713.05.2" to "712.05.2".
1007	Index	Change the subsection reference for Coarse Aggregate of Cement Concrete Table from "703.3" to "703.03".
1007	Index	Change the subsection reference for Composite Gradation for Mechanically Stabilized Courses Table from "703.8" to "703.08".
1009	Index	Delete "501.03.3.3" as a subsection reference for Truck Mixers and Truck Agitators.
1010	Index	Delete reference to "Working Day, Definition of".

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1546

CODE: (SP)

DATE: 05/23/2007

SUBJECT: Advancement of Materials

Bidders are advised that **NO ADVANCEMENT OF MATERIALS**, as addressed in Subsection 109.06.2 of the Standard Specifications, will be allowed on this project.

CITY OF HATTIESBURG

SECTION 904 - NOTICE TO BIDDERS NO. 1595

CODE: (SP)

DATE: 04/03/2015

SUBJECT: Vibratory Roller

PROJECT: HPP-7194-00(003)LPA /105845-801000

Bidders are advised that the use of vibratory rollers **will not** be allowed and the lot density required in sections 401.02.6.4.1 and 401.03.1.4 of the 2004 Edition of the Mississippi Standard Specification for Road and Bridge Construction shall be reduced by **one percent**.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1902 LPA

CODE: (SP)

DATE: 02/26/2010

SUBJECT: Disadvantaged Business Enterprise (DBE) Forms

Anywhere in the plans, proposal and specifications where reference is made to Office of Civil Rights (OCR) Forms, it should be understood to mean Disadvantaged Business Enterprise (DBE) Forms.

The following are equivalent forms:

OCR-481	.....	OCR-481 LPA	.....	DBE-1
OCR-482	.....	OCR-482 LPA	.....	DBE-2
OCR-483	.....	OCR-483 LPA	.....	DBE-3
OCR-484	.....	OCR-484 LPA	.....	DBE-4
OCR-485	.....	OCR-485 LPA	.....	DBE-5
OCR-487	.....	OCR-487 LPA	.....	DBE-7

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

| **SECTION 904 - NOTICE TO BIDDERS NO. 1928**

CODE: (IS)

| **DATE: 04/14/2008**

SUBJECT: Federal Bridge Formula

Bidders are hereby advised that Federal Highway Administration Publication No. FHWA-MC-94-007, **BRIDGE FORMULA WEIGHTS**, dated January 1994, is made a part of this contract when applicable.

Prior to the preconstruction conference, the Contractor shall advise the Engineer, in writing, what materials, if any, will be delivered to the jobsite via Interstate route(s).

Copies of the **BRIDGE FORMULA WEIGHTS** publication may be obtained by contacting:

Federal Highway Administration
400 7th Street, SW
Washington, DC 20590
(202) 366-2212

or

| http://ops.fhwa.dot.gov/freight/sw/brdgcalc/calc_page.htm

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 2168

CODE: (SP)

DATE: 11/03/2008

SUBJECT: Fuel and Material Adjustments

Bidders are advised that **NO FUEL OR MATERIAL ADJUSTMENT**, as addressed in Subsection 109.07 of the Standard Specifications, will be allowed on this project.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 2382

CODE: (IS)

DATE: 02/12/2009

SUBJECT: Status of Right-of-Way

Although it is desirable to have acquired all rights-of-way and completed all utility adjustments and work to be performed by others prior to receiving bids, sometimes it is not considered to be in the public interest to wait until each and every such clearance has been obtained. The bidder is hereby advised of possible unacquired rights-of-way, relocatees and utilities which have not been completed.

The status of right-of-way acquisition, utility adjustments, encroachments, potentially contaminated sites and asbestos containment are set forth in the following attachments.

In the event right of entry is not available to ALL parcels of right-of-way and/or all work that is to be accomplished by others on the date set forth in the contract for the Notice to Proceed is not complete, the Department will issue a restricted Notice to Proceed.

Mark C. McConnell
Deputy Executive Director/
Chief Engineer

Charles R. Carr
Director
Office of Intermodal Planning



Melinda L. McGrath
Executive Director

Lisa M. Hancock
Deputy Executive Director/
Administration

Willie Huff
Director
Office of Enforcement

P. O. Box 1850 / Jackson, MS 39215-1850 / Telephone (601) 359-7001 / FAX (601) 359-7110 / GoMDOT.com

April 14, 2015

Mr. Andrew Hughes
Division Administrator
FHWA-Mississippi Division
100 West Capitol Street, Suite 1062
Jackson, MS 39269

RE: HPP-7194-00(003) LPA
105845-801000
Fourth Street Roadway Improvements Project
City of Hattiesburg
Forrest County

RIGHT-OF-WAY CERTIFICATION

Dear Mr. Hughes:

This is to certify that all necessary highway rights-of-way, including control of access has been acquired or legal Right of Entry obtained and rights-of-way were acquired in accordance with 49CFR Part 24, **except** as indicated on the Status of Right of Way.

This is to further certify that all individuals and families have been relocated to decent, safe and sanitary housing, or comparable relocatees and the steps relative to relocation advisory assistance administration of the Highway Relocation Assistance Program have been taken, **except** as indicated on the attached Status of Right of Way.

All improvements have been removed from the highway right of way, **except** the improvements to be removed by the Contractor as indicated in the contract plans and as indicated on the attached Status of Improvements.

This project was inspected and there were no visible indications of any Potentially Contaminated Sites on proposed Right of Way, **except** as indicated on the attached Status of Potentially Contaminated Sites. The status of the utilities to be adjusted or relocated is shown in the report attached.

Mr. Andrew Hughes
April 14, 2015
Page 2

Attached:

Right of Way Status
Encroachment Certification
Hazardous Waste Status
Asbestos Abatement Status
Utility Status

Sincerely,

RIGHT OF WAY DIVISION

A handwritten signature in dark ink, appearing to read "Stephen D. Downing". The signature is written in a cursive, flowing style.

Stephen D. Downing
Assistant Division Administrator

SDD:ar

Attachments

Pc: Chief Engineer (65-01)
LPA Division (77-01)
Construction Engineer (73-01)
District Six (26-01)
Project Engineer (26-01 PE)
Facility & Maintenance (89-20)

**STATUS OF RIGHT-OF-WAY
HPP-7194-00(003) LPA
105845-801000
Fourth Street Roadway Improvements Project
FORREST COUNTY
April 14, 2015**

All rights of way and legal rights of entry have been acquired except:

NONE.



Mayor

Johnny L. DuPree, Ph.D.

Council - Ward 1
Kim Bradley

Council - Ward 2
Deborah Denard Delgado

Council - Ward 3
Carter Carroll

Council - Ward 4
Mary Dryden

Council - Ward 5
Henry Naylor

RIGHT-OF-WAY STATUS REPORT/CERTIFICATION

Forrest County, Mississippi
Project No. HPP-7194-00(003) LPA/105845-801000
Fourth Street Roadway Improvements Project – Phase II

March 25, 2015

This is to certify that all necessary rights of way have been acquired, including legal and physical possession. Said rights of way have been acquired in accordance with Federal Highway Administration directives governing the acquisition of real property including CFR 49 Part 24.

This is to further certify that there are no relocates (Families, Businesses, or Tenants) involved in this project.

Signed:

Lamar Rutland, P.E.
Engineering Director, City of Hattiesburg



Mayor

Johnny L. DuPree, Ph.D.

Council - Ward 1
Kim Bradley

Council - Ward 2
Deborah Denard Delgado

Council - Ward 3
Carrie Carroll

Council - Ward 4
Mary Dryden

Council - Ward 5
Henry Naylor

RIGHT-OF-WAY ENCROACHMENT REPORT/CERTIFICATION

Forrest County, Mississippi
Project No. HPP-7194-00(003) LPA/105845-801000
Fourth Street Roadway Improvements Project – Phase II

March 25, 2015

This is to certify that a physical survey of the right-of-ways to be used in the construction of this project revealed that there are no encroachments on the subject project.

Signed:

A handwritten signature in dark ink, appearing to read "Lamar Rutland".

Lamar Rutland, P.E.
Engineering Director, City of Hattiesburg



Mayor

Johnny L. DuPree, Ph.D.

Council - Ward 1
Kim Bradley

Council - Ward 2
Deborah Denard Delgado

Council - Ward 3
Carter Carroll

Council - Ward 4
Mary Dryden

Council - Ward 5
Henry Naylor

HAZARDOUS WASTE SITE REPORT/CERTIFICATION

Forrest County, Mississippi
Project No. HPP-7194-00(003) LPA/105845-801000
Fourth Street Roadway Improvements Project - Phase II

March 25, 2015

This is to certify that a physical survey of the right-of-ways to be used in the construction of this project revealed that there are no areas suspected of having any hazardous waste or underground storage tanks.

Signed

A handwritten signature in dark ink, appearing to read "Lamar Rutland".

Lamar Rutland, P.E.
Engineering Director, City of Hattiesburg



Mayor

Johnny L. DuPree, Ph.D.

Council - Ward 1
Kim Bradley

Council - Ward 2
Deborah Denard Delgado

Council - Ward 3
Carter Carroll

Council - Ward 4
Mary Dryden

Council - Ward 5
Henry Naylor

ASBESTOS ABATEMENT REPORT/CERTIFICATION

Forrest County, Mississippi
Project No. HPP-7194-00(003) LPA/105845-801000
Fourth Street Roadway Improvements Project -- Phase II

March 25, 2015

This is to certify that the project components do not contain any known asbestos containing materials.

Signed:

Lamar Rutland, P.E.
Engineering Director, City of Hattiesburg



Mayor

Johnny L. DuPree, Ph.D.

Council - Ward 1
Kim Bradley

Council - Ward 2
Deborah Denard Delgado

Council - Ward 3
Carter Carroll

Council - Ward 4
Mary Dryden

Council - Ward 5
Henry Naylor

UTILITY REPORT/CERTIFICATION

Forrest County, Mississippi
Project No. HPP-7194-00(003) LPA/105845-801000
Fourth Street Roadway Improvements Project -- Phase II

March 25, 2015

This is to certify that pre-construction utility adjustments required for the above reference project have all been adjusted, relocated, or removed.

There are no other known utilities in conflict with the proposed project.

The City of Hattiesburg understands that any claim by the contractor due to NOT having the utilities relocated will be a non-participating item. In the event the utility facilities are discovered to be in conflict, damaged, or otherwise impact the proposed construction, the City of Hattiesburg shall bear all responsibility and/or claims associated with these facilities.

Signed:

A handwritten signature in cursive script that reads "Lamar Rutland".

Lamar Rutland, P.E.
Engineering Director, City of Hattiesburg

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Inter-Departmental Memorandum

TO: Mr. David Seyfarth
District LPA Engineer (16-10)

DATE: March 31, 2015

FROM: Mr. Jared Brogan
Hattiesburg Project Office (16-13)

SUBJECT OR PROJECT NO: HPP-7194-00(003)LPA/ 105845-801000
Fourth Street Roadway Improvements-Phase 2

INFORMATION COPY TO:

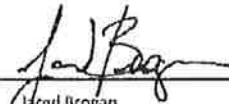
COUNTY: Forrest

Jeff Altman- State LPA Engineer (77-01)
Kelly Castleberry- District 5 Engineer (26-01)
Ashlyn Brock- Right of Way Officer (26-01)
Ronnie Shivers-Right of Way Officer (26-01)
Lamar Rutland- City of Hattiesburg
Geoff Crosby- Neel-Schaffer, Inc.
Project File (16-13)

STATUS OF UTILITY RELOCATION WORK

There are no known utility conflicts on the above mentioned project at this time.

This is to certify that adjustments to facilities owned by the above mentioned utility companies have been completed to the best of my knowledge and are acceptable, and in accordance with the terms of the agreement. Said adjustments are located within the limits of the above mentioned LPA project.
SEE DISCLAIMER


Jared Brogan
Utility Coordinator (16-13)

Disclaimer:

The utility facilities have been identified by representatives of the Local Public Agency (LPA), or their agents. The locations of the facilities are assumed to be approximate. The Mississippi Department of Transportation (MDOT) can only show approximate location and presence based upon investigation and discovery by the LPA and its agents; and consequently cannot certify the facilities location and presence. Therefore, In the event the utility facilities are discovered to be in conflict, damaged, or otherwise impact the proposed construction, the LPA shall bear all responsibility and/ or claims associated with these facilities. Furthermore, the LPA shall indemnify and hold harmless the Mississippi Department of Transportation, the Mississippi Transportation Commission, and its representatives in the event that damages and/ or claims should arise.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 2677

CODE: (SP)

DATE: 06/18/2009

SUBJECT: Material Transfer Device

Bidders are advised that the use of a material transfer device as referenced in Subsection 401.03.9 of the specifications is not mandatory on the above project(s). The Contractor may use a material transfer device if desired, but it is not required.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 2689 LPA

CODE: (SP)

DATE: 04/27/2016

SUBJECT: Asphalt Smoothness Requirement

Bidders are advised that Subsection 907-403.03.2.1—Smoothness Tolerances for Mean Roughness Index (MRI) is removed from this project. Any incentive or disincentive for asphalt smoothness associated with (MRI) is also hereby eliminated from this project.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 3067

CODE: (SP)

DATE: 04/14/2010

**SUBJECT: Storm Water Discharge Associated with Construction Activity
(≥ 1 and < 5 Acres)**

Construction Storm Water General NPDES Permit MSR 15 to discharge storm water associated with construction activity is required. This project is granted permission to discharge treated storm water into State waters. Copies of said permit and Storm Water Pollution Prevention Plan (SWPPP) are on file with the Department.

Prior to the execution of the contract, the successful bidder shall execute and deliver to the Executive Director an original signed copy of the completed Prime Contractor Certification (Form No. 1).

Failure of the bidder to execute and file the completed Prime Contractor Certification (Form No. 1) shall be just cause for the cancellation of the award.

The executed Prime Contractor Certification (Form No. 1) shall be prima facie evidence that the bidder has examined the permit, is satisfied as to the terms and conditions contained therein, and that the bidder has the primary responsibility for meeting all permit terms and conditions including, but not limited to, the inspection and reporting requirements of Part IV. For this project, the Contractor shall furnish, set up and read, as needed, an on-site rain gauge.

The Contractor must furnish the Project Engineer a completed copy of the Small Construction Notice of Intent (SCNOI) along with the Contractor's Erosion Control Plan.

The Contractor shall make inspections in accordance with condition No. S-4, Page 13, and shall furnish the Project Engineer with the results of each weekly inspection as soon as possible following the date of inspection. The weekly inspections must be documented monthly on the Inspection and Certification Form, a copy of which is provided. The Contractor's representative and the Project Engineer shall jointly review and discuss the results of the inspections so that corrective action can be taken. The Project Engineer shall retain copies of the inspection reports.

The Engineer will have the authority to suspend all work and/or withhold payments for failure of the Contractor to carry out provisions of MDEQ's Storm Water Construction General Permit, the erosion control plan, updates to the erosion control plan, and /or proper maintenance of the BMPs.

Securing a permit (s) for storm water discharge associated with the Contractor's activity on any other regulated area the Contractor occupies, shall be the responsibility of the Contractor.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 3612

CODE: (SP)

DATE: 08/10/2011

SUBJECT: Additional Erosion Control Requirements

Bidders are hereby advised of the following requirements that relate to erosion control activities on the project.

THE MAXIMUM TOTAL ACREAGE THAT CAN BE DISTURBED, AT ONE TIME, ON THE PROJECT IS NINETEEN (19) ACRES. THE CONTRACTOR SHALL BE REQUIRED TO STABILIZE DISTURBED AREAS PRIOR TO OPENING UP ADDITIONAL SECTIONS OF THE PROJECT. STABILIZED SHALL BE WHEN THE DISTURBED AREA MEETS ONE OF THE FOLLOWING CRITERIA:

- **THE AREA HAS BEEN GRASSED, EITHER TEMPORARY OR PERMANENT, AND MULCHED ACCORDING TO THE SPECIFICATIONS, OR**
- **A CRUSHED STONE COURSE OR A LIFT OF ASPHALT PAVEMENT HAS BEEN PLACED, OR**
- **THE AREA HAS BEEN CHEMICALLY TREATED USING PORTLAND CEMENT OR LIME-FLY ASH, AND SEALED.**

DISTURBED AREAS INCLUDE THE ROADBED, SLOPES AND REMAINING AREA OUT TO THE ROW LINE.

Clearing and Grubbing: Prior to beginning any clearing and grubbing operations on the project, controls shall be in place to address areas such as drainage structures, wetlands, streams, steep slopes and any other sensitive areas as directed by the Engineer. Clearing and grubbing should be limited to the minimum area necessary to construct the project. Grubbing operations should be minimized in areas outside the construction limits and stumps should be cut off flush with the existing ground elevations. A buffer area of at least fifteen (15) feet shall be in place adjacent to the right-of-way line and at least five (5) feet adjacent to stream banks. The buffer area can either be the existing vegetation that is left undisturbed or re-established by planting new vegetation if clearing and grubbing was required.

Unclassified Excavation: Cut sections shall be graded in accordance with the typical sections and plan grades. Permanent erosion control BMP's should be placed as soon as possible after the cut material has been moved. Fill sections that are completed shall have permanent erosion control BMP's placed. Fill sections that are not completed will be either permanently or temporarily grassed until additional material is made available to complete these sections. All unclassified excavation on the project will still be required to be moved prior to incorporating any borrow excavation on the project. The contractor may have to stockpile unclassified excavation in order to comply with the nineteen (19) acre requirement. No additional compensation will be made for stockpiling operations.

Disturbed areas that remain inactive for a period of more than fourteen (14) days shall be temporary grassed and mulched. Temporary grassing and mulching shall only be paid one time for a given area.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 4214

CODE: (IS)

DATE: 11/29/2012

SUBJECT: Safety Apparel

Bidders are advised that the Code of Federal Regulations CFR 23 Part 634 final rule was adopted November 24, 2006 with an effective date of November 24, 2008. This rule requires that "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". High-visibility safety apparel is defined in the CFR as "personnel 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". All workers on Mississippi State Highway right-of-way shall comply with this Federal Regulation. Workers are defined by the CFR as "people on foot whose duties place them within the right-of way of a Federal-Aid Highway, such as highway construction and maintenance forces, survey crews, utility crews, responders to incidents within the highway right-of-way, and law enforcement personnel when directing traffic, investigating crashes, and handling lane closures, obstructed roadways, and disasters within the right-of-way of a Federal-Aid Highway".

More information regarding high visibility safety apparel can be found at the following sites.

<http://www.gpo.gov/fdsys/pkg/CFR-2008-title23-vol1/pdf/CFR-2008-title23-vol1-sec634-1.pdf>

<http://ops.fhwa.dot.gov/wz/resources/policy.htm#hv>

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904- NOTICE TO BIDDERS NO. 4473

CODE: (SP)

DATE: 04/08/2013

SUBJECT: Alternate Crushed Stone Base Bid Items

Bidders are advised that the Crushed Stone Base used on this project will be bid as an alternate pay item: $\frac{3}{4}$ "-inch and Down Crushed Stone Base, Size 825B Crushed Stone Base, or Size 610 Crushed Stone Base. Bidders must select one of the alternates at the time of bid. **The Contractor must use the selected crushed stone base throughout the entire project.**

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 4488 LPA

CODE: (IS)

DATE: 05/01/2013

SUBJECT: DBE Forms, Participation and Payment

Bidders are hereby advised that the participation of a DBE Firm cannot be counted towards the Prime Contractor's DBE goal until the amount being counted towards the goal has been paid to the DBE.

Form OCR-482-LPA has been developed to comply with this requirement. Bidders are hereby advised that at the end of the job, the Prime Contractor will submit this form to the Project Engineer before the final estimate is paid and the project is closed out. This form certifies payments to all DBE Subcontractors over the life of the contract.

Form OCR-484-LPA has also been developed to comply with this requirement. Bidders are hereby advised that each month, the Prime Contractors will submit this form to the Project Engineer no later than the last day of each month. This form certifies payments to all Subcontractors and shows all firms even if the Prime Contractor has paid no monies to the firm during that estimate period (negative report). The Project Engineer will attach this form to the monthly estimate before forwarding the estimate to the Local Public Agency (LPA) Division for processing.

Bidders are also advised that Form OCR-485-LPA will be completed by **ALL BIDDERS** submitting a bid proposal and **must be signed and included in the bid proposal package**. If at least one copy of this form is not signed and included as part of bid proposal, your bid will be deemed irregular.

DBE Forms, including Forms OCR-482-LPA, OCR-484-LPA and OCR-485-LPA, can be obtained from the Office of Civil Rights Division, MDOT Administration Building, 401 North West Street, Jackson, MS, or at www.gomdot.com under *Business, Disadvantaged Enterprise, Applications and Forms for the DBE Program, MDOT Forms*.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 4565

CODE: (SP)

DATE: 06/27/2013

SUBJECT: Manual on Uniform Traffic Control Devices

Any reference in the Standard Specifications or contract documents to a particular Section of the Manual on Uniform Traffic Control Devices (MUTCD) it shall mean that Section of the latest version of the Manual on Uniform Traffic Control Devices.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 4566

CODE: (SP)

DATE: 07/02/2013

SUBJECT: DUNS Requirement for Federal Funded Projects

Bidders are advised that the Prime Contractor must maintain current registrations in the Central Contractor Registration (<http://www.sam.gov>) at all times during this project. A Dun and Bradstreet Data Universal Numbering System (DUNS) Number (<http://www.dnb.com>) is one of the requirements for registration in the Central Contractor Registration.

Bidders are also advised that the following information needs to be completed and included in the bid documents:

DUNS: _____

Company Name: _____

Company e-mail address: _____

By: _____

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 5053

CODE: (SP)

DATE: 06/03/2014

SUBJECT: Contractor Correspondence

Bidders are advised that all correspondence concerning this project, other than correspondence related to the execution of the contract and sub-contracting, shall be sent to the Project Engineer. The Project Engineer will then forward any necessary correspondence to the appropriate Division. This includes general correspondence, submittals, shop drawings, requests for advancement of materials, etc.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

| SECTION 904 - NOTICE TO BIDDERS NO. 5405

CODE: (SP)

| DATE: 02/11/2015

SUBJECT: Traffic Control Devices

Bidders are advised of the following two changes regarding traffic control devices.

Flashing Arrow Panels

| In Subsection 619.02.5 of the Standard Specifications, it states that flashing arrow panels shall meet the requirements of Section 6F.53 of the MUTCD. The new MUTCD has changed this reference to Section 6F.61. Flashing arrow panels on this project must meet the requirements of Section 6F.61 of the latest MUTCD.

Type III Barricade Rails

The use of 2-inch nominal thickness timber for rails on Type III barricades has not been approved by NCHRP as a crashworthy device. Therefore, the use of 2-inch nominal thickness timbers will not be allowed for rails on Type III Barricades. Timber rails for Type III Barricades shall be as follows.

- For barricades up to four feet (4') wide, the maximum thickness of timber rails shall be one inch (1") and the material shall be pine timber or ¾-inch ACX plywood.
- For barricades more than four feet (4') wide, timber rails shall be constructed of ¾-inch ACX plywood.

A list of crashworthy Type III Barricades can be found at the below FHWA website.

http://safety.fhwa.dot.gov/roadway_dept/policy_guide/road_hardware/wzd/

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

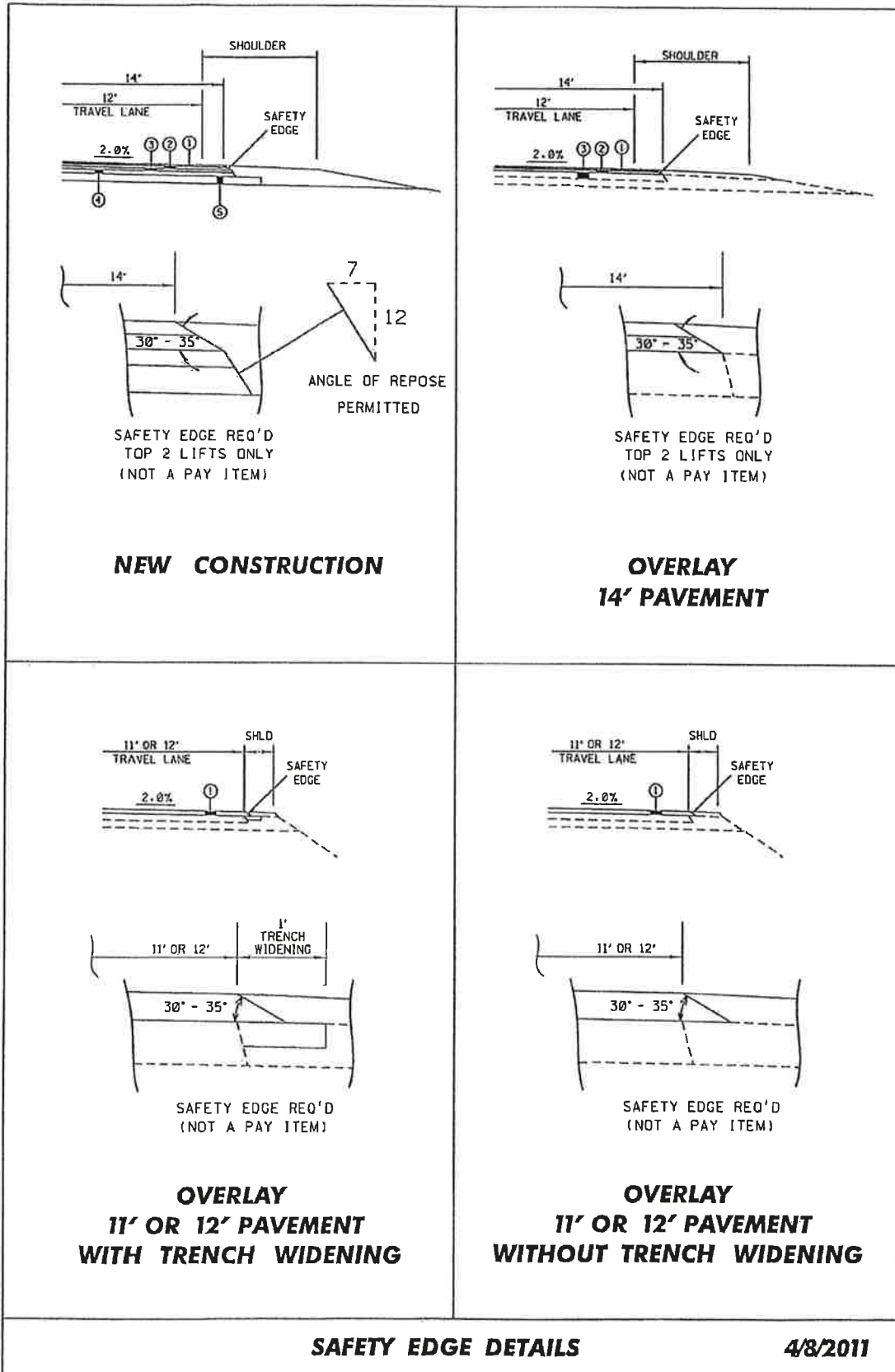
SECTION 904 - NOTICE TO BIDDERS NO. 5411

CODE: (SP)

DATE: 02/17/2015

SUBJECT: Safety Edge

Bidders are hereby advised that the Shoulder Wedge (Safety Edge) specified in Special Provision 907-401, Asphalt Pavements, shall only apply to the top two (2) lifts of asphalt. Open Graded Friction Courses (OGFC) are not to be considered a lift as it pertains to safety edge. Attached is a drawing showing the safety edge.



MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 5412

CODE: (SP)

DATE: 02/18/2015

SUBJECT: Weight Limits

Bidders are hereby advised that all trucks hauling materials to and from this project shall comply with the legal weight limits as established by law. MDOT will not compensate the Contractor for any portion of a load delivered to the project in excess of the legal limit for that truck.

Vehicles relying on harvest permits are limited to hauling only those materials set forth in Section 27-19-81(4) of the Mississippi Code, as amended.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 5865 LPA

CODE: (SP)

DATE: 11/30/2015

SUBJECT: Sampling and Testing of Concrete on Small LPA Projects

Bidders are advised that the following concrete items will be tested at a reduced amount and will not be accepted based on the Quality Control / Quality Assurance (QC/QA) requirements of Section 804 of the specifications.

<u>Section</u>	<u>Description</u>
221	Paved Ditches
601	Minor Structures - manholes, inlets, catch basins, junction boxes, pipe headwalls, and pipe collars.
605	Edge Drain and Underdrain Outlet Pads
606	Guardrail Anchors
607	Fence Post Footings
608	Sidewalks
609	Curb and Gutter
614	Driveways
616	Median and Island Pavement
630	Sign Footings, except Overhead Sign Supports

The material requirements for the above pay items are as follows:

1. Cement and aggregates for concrete items shall be from approved sources. Concrete shall be produced from a concrete batch plant which has a current plant calibration. The Project Engineer shall furnish plant inspection as deemed necessary for control. The producer shall furnish with each load of concrete a delivery ticket containing the following information:
 - a. Project Number
 - b. Class Concrete
 - c. Weight of Cement
 - d. Free Water in Aggregate (gallons)
 - e. Weight of Fine Aggregate
 - f. Weight of Coarse Aggregate
 - g. Water in Mix (gallons)
 - h. Number of Revolutions Mixed
 - i. Time of Batching
2. The Contractor is required to submit mix designs to accomplish this work in accordance with Section 804.
3. A set of three cylinders, slump test, and air test will be performed on the first day of production for each mix design. The compressive strength test shall be the average of three cylinders.
4. An additional set of cylinders, slump test, and air test will be performed at a minimum of rate of one per 100 cubic yards of mix produced.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 5866 LPA

CODE: (SP)

DATE: 10/28/2015

SUBJECT: Payroll Requirements

Bidders are hereby advised that the Contractor and Subcontractor(s) are required to submit payroll information to the Project Engineers on a weekly basis.

On Federal-Aid Projects, LPA-880, LPA-881 and certified payroll submissions are required each week the Contractor or a Subcontractor performs work on the project. This is addressed in Section IV of Form FHWA-1273.

On State-Funded Projects, LPA-880 is required each week the Contractor or a Subcontractor performs work on the project.

When no work is performed on either Federal-Aid or State-Funded Projects, the Contractor should only submit LPA-880 showing no work activities.

The Contractor shall make all efforts necessary to submit this information to the Project Engineer in a weekly manner. The Engineer will have the authority to suspend the work wholly or in part and to withhold payments because of the Contractor's failure to submit the required information. Submission of forms and payrolls shall be current through the first full week of the month for the estimate period in order for the Project Engineer to process an estimate.

Bidders are advised to review the requirements regarding payroll submissions in Section 110 of the Standard Specifications.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SUPPLEMENT TO NOTICE TO BIDDERS NO. 6411 LPA

DATE: 06/06/2016

The goal is 2 percent for the Disadvantaged Business Enterprise. The low bidder is required to submit Form OCR-481 for all DBEs.

Delete the third paragraph under CONTRACT GOAL on page 2, and substitute the following.

The apparent lowest responsive bidder shall submit to the LPA Form OCR-481, signed by the Prime Contractor and the DBE Subcontractors, **no later than the 3rd business day after opening of the bids.**

LPA Projects: Delete entire Pre-Bid Section at the top of page 6.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 6411

CODE: (SP)

DATE: 06/06/2016

**SUBJECT: DISADVANTAGED BUSINESS ENTERPRISES IN FEDERAL-AID
HIGHWAY CONSTRUCTION**

This contract is subject to the "Moving Ahead for Progress in the 21st Century Act (MAP-21)" and applicable requirements of "Part 26, Title 49, Code of Federal Regulations". Portions of the Act are set forth in this Notice as applicable to compliance by the Contractor and all of the Act, and the MDOT DBE Program, is incorporated by reference herein.

The Department has developed a Disadvantaged Business Enterprise Program that is applicable to this contract and is made a part thereof by reference.

Copies of the program may be obtained from:

Office of Civil Rights
Mississippi Department of Transportation
P. O. Box 1850
Jackson, Mississippi 39215-1850

POLICY

It is the policy of the Mississippi Department of Transportation to provide a level playing field, to foster equal opportunity in all federally assisted contracts, to improve the flexibility of the DBE Program, to reduce the burdens on small businesses, and to achieve that amount of participation that would be obtained in a non-discriminatory market place. In doing so, it is the policy of MDOT that there will be no discrimination in the award and performance of federally assisted contracts on the basis of race, color, sex, age, religion, national origin, or any handicap.

ASSURANCES THAT CONTRACTORS MUST TAKE

MDOT will require that each contract which MDOT signs with a sub-recipient or a Contractor, and each subcontract the Prime Contractor signs with a Subcontractor, includes the following assurances:

"The Contractor, subrecipient or Subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Contractor shall carry out applicable requirements of 49 CFR 26 in the award and administration of federally assisted contracts. Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as MDOT deems appropriate."

DEFINITIONS

For purposes of this provision the following definitions will apply:

"Disadvantaged Business" means a small business concern: (a) which is at least 51 percent owned by one or more socially and economically disadvantaged individual(s) or in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more socially and economically disadvantaged individual(s); and (b) whose management and daily business operations are controlled by one or more of the socially and economically disadvantaged individual(s) who own it. It is important to note that the business owners themselves must control the operations of the business. Absentee ownership or title ownership by an individual who does not take an active role in controlling the business is not consistent with eligibility as a DBE under CFR 49 Part 26.71.

CONTRACTOR'S OBLIGATION

The Contractor and all Subcontractors shall take all necessary and reasonable steps to ensure that DBE firms can compete for and participate in the performance of a portion of the work in this contract and shall not discriminate on the basis of race, color, national origin, religion or sex. Failure on the part of the Contractor to carry out the DBE requirements of this contract constitutes a breach of contract and after proper notification the Department may terminate the contract or take other appropriate action as determined by the Department.

When a contract requires a zero percent (0%) DBE goal, the Contractor still has the responsibility to take all necessary and reasonable steps to ensure that DBE firms can compete for and participate in the performance of the work in the contract. In this case, all work performed by a certified DBE firm is considered to be a "race neutral" measure and the Department will receive DBE credit towards the overall State goals when the DBE firm is paid for their work. If the Prime Contractor is a certified DBE firm, the Department can receive DBE credit only for the work performed by the Prime Contractor's work force or any work subcontracted to another DBE firm. Work performance by a non-DBE Subcontractor is not eligible for DBE credit.

CONTRACT GOAL

The goal for participation by DBEs is established for this contract in the attached Supplement. The Contractor shall exercise all necessary and reasonable steps to ensure that participation is equal to or exceeds the contract goal.

If the percentage of the contract that is proposed for DBEs is 1% or greater, it shall be so stated on the last bid sheet of the proposal.

The apparent lowest responsive bidder shall submit to the Office of Civil Rights Form OCR-481, signed by the Prime Contractor and the DBE Subcontractors, no later than the 3rd business day after opening of the bids.

Form OCR-481 is available on the MDOT website at GoMDOT.com, then Divisions, Civil Rights, Forms, DBE, MDOT Projects, or by calling 601-359-7466.

FORMS ARE AVAILABLE FROM THE OFFICE OF CIVIL RIGHTS

The OCR-481 Form must contain the following information:

The name and address of each certified DBE Contractor / Supplier;

The Reference Number, percent of work and the dollar amount of each item. If a portion of an item is subcontracted, a breakdown of that item including quantities and unit price must be attached, detailing what part of the item the DBE firm is to perform and who will perform the remainder of the item.

If the DBE Commitment shown on the last bid sheet of the proposal, does not equal or exceed the contract goal, the bidder must submit, to MDOT Contract Administration Division prior to bid opening, information to satisfy the Department that adequate good faith efforts have been made to meet the contract goal.

Failure of the lowest bidder to furnish acceptable proof of good faith efforts, submitted to MDOT Contract Administration Division prior to bid opening, 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 re-advertised.

The following factors are illustrative of matters the Department will consider in judging whether or not the bidder has made adequate good faith effort to satisfy the contract goal.

- (1) Whether the bidder attended the pre-bid meeting that was scheduled by the Department to inform DBEs of subcontracting opportunities;
- (2) Whether the bidder advertised in general circulation, trade association, and minority-focus media concerning the subcontracting opportunities;
- (3) Whether the bidder provided written notice to a reasonable number of specific DBEs that their interest in the contract is being solicited;
- (4) Whether the bidder followed up initial solicitations of interest by contacting DBEs to determine with certainty whether they were interested;
- (5) Whether the bidder selected portions of the work to be performed by DBEs in order to increase the likelihood of meeting the contract goal;
- (6) Whether the bidder provided interested DBEs with adequate information about the plans, specifications and requirements of the contract;
- (7) Whether the bidder negotiated in good faith with interested DBEs and did not reject them as unqualified without sound reasons based on a thorough investigation of their capabilities; and

- (8) Whether the bidder made efforts to assist interested DBEs in obtaining any required bonding or insurance.
- (9) Whether the bidder has written notification to certified DBE Contractors soliciting subcontracting for items of work in the contract.
- (10) Whether the bidder has a statement of why an agreement was not reached.

The bidder's execution of the signature portion of the proposal shall constitute execution of the following assurance:

The bidder hereby gives assurance pursuant to the applicable requirements of "Moving Ahead for Progress in the 21st Century Act (MAP-21)" and applicable requirements of "Part 26, Title 49, Code of Federal Regulations" that the bidder has made a good faith effort to meet the contract goal for DBE participation for which this proposal is submitted.

DIRECTORY

A list of "Certified DBE Contractors" which have been certified as such by the Mississippi Department of Transportation and other Unified Certification Partners (UPC) can be found on the Mississippi Department of Transportation website at www.gomdot.com. The DBE firm must be certified at the time the project is let and approved by MDOT to count towards meeting the DBE goal.

REPLACEMENT

If a DBE Subcontractor cannot perform satisfactorily, and this causes the OCR-481 commitment to fall below the contract goal, the Contractor shall take all necessary reasonable steps to replace the DBE with another certified DBE Subcontractor or submit information to satisfy the Mississippi Department of Transportation that adequate good faith efforts have been made to replace the DBE. The replacement DBE must be a DBE who was on the Department's list of "Certified DBE Contractors" when the job was let, and who is still active. All DBE replacements must be approved by the Department.

Under no circumstances shall the Prime or any Subcontractor perform the DBE's work (as shown on the OCR-481) without prior written approval from the Department. See "Sanctions" at the end of this document for penalties for performing DBE's work.

When a Contractor proposes to substitute/replace/terminate a DBE that was originally named on the OCR-481, the Contractor must obtain a release, in writing, from the named DBE explaining why the DBE Subcontractor cannot perform the work. A copy of the original DBE's release must be attached to the Contractor's written request to substitute/replace/terminate along with appropriate Subcontract Forms for the substitute/replacement/terminated Subcontractor, all of which must be submitted to the DBE Coordinator and approved, in advance, by MDOT.

GOOD FAITH EFFORTS

To demonstrate good faith efforts to replace any DBE that is unable to perform successfully, the Contractor must document steps taken to subcontract with another certified DBE Contractor. Such documentation shall include no less than the following:

- (1) Proof of written notification to certified DBE Contractors by certified mail that their interest is solicited in subcontracting the work defaulted by the previous DBE or in subcontracting other items of work in the contract.
- (2) If the Prime Contractor is a certified DBE firm, only the value of the work actually performed by the DBE Prime can be counted towards the project goal, along with any work subcontracted to a certified DBE firm.
- (3) If the Contractor is not a DBE, the work subcontracted to a certified DBE Contractor will be counted toward the goal.
- (4) 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 DBE partner in the joint venture.
- (5) Expenditures to DBEs 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.
- (6) The Contractor may count 100% of the expenditures for materials and supplies obtained from certified DBE suppliers and manufacturers that produce goods from raw materials or substantially alters them for resale provided the suppliers and manufacturers assume the actual and contractual responsibility for the provision of the materials and supplies. The Contractor may count sixty percent (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 DBE Coordinator invoices from the certified supplier to verify the DBE goal.
- (7) Any work that a certified DBE firm subcontracts or sub-subcontracts to a non-DBE firm will not count towards the DBE goal.
- (8) Only the dollars actually paid to the DBE firm may be counted towards the DBE goal.

Failure of the Contractor to demonstrate good faith efforts to replace a DBE Subcontractor that cannot perform as intended with another DBE Subcontractor, when required, shall be a breach of contract and may be just cause to be disqualified from further bidding for a period of up to 12 months after notification by certified mail.

PRE-BID MEETING

A pre-bid meeting will be held in Amphitheater 1 & 2 of the Hilton Jackson located at I-55 and County Line Road, Jackson, Mississippi at 2:00 P.M. on the day preceding the date of the bid opening.

This meeting is to inform DBE firms of subcontracting and material supply opportunities. Attendance at this meeting is considered of prime importance in demonstrating good faith effort to meet the contract goal.

PARTICIPATION / DBE CREDIT

Participation shall be counted toward meeting the goal in this contract as follows:

- (1) If the Prime Contractor is a certified DBE firm, only the value of the work actually performed by the DBE Prime can be counted towards the project goal, along with any work subcontracted to a certified DBE firm.
- (2) If the Contractor is not a DBE, the work subcontracted to a certified DBE Contractor 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 DBE partner in the joint venture.
- (4) Expenditures to DBEs 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 DBE suppliers and manufacturers that produce goods from raw materials or substantially alters them for resale provided the suppliers and manufacturers assume the actual and contractual responsibility for the provision of the materials and supplies. The Contractor may count sixty percent (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 DBE Coordinator invoices from the certified supplier to verify the DBE goal.
- (6) Any work that a certified DBE firm subcontracts or sub-subcontracts to a non-DBE firm will not count towards the DBE goal.
- (7) Only the dollars actually paid to the DBE firm may be counted towards the DBE goal.

AWARD

Award of this contract to the low bidder will be contingent upon the following conditions:

- (1) Concurrence from Federal Highway Administration, when applicable.
- (2) Bidder must submit to the Office of Civil Rights for approval, Form OCR-481 (DBE Commitment) no later than the 3rd business day after opening of the bids to satisfy the Department and that adequate good faith efforts have been made to meet the contract goal. For answers to questions regarding Form OCR-481, contact the MDOT Office of Civil Rights at (601) 359-7466.
- (3) Bidder must include OCR-485 information with their bid proposal listing all firms that submitted quotes for material supplies or items to be subcontracted. OCR-485 information must be included with the bid proposal. If the OCR-485 information is not included as part of bid proposal, your bid will be deemed irregular.

Prior to the start of any work, the bidder must notify the Project Engineer, in writing, of the name of the designated "DBE Liaison Officer" for this project. This notification must be posted on the bulletin board at the project site.

DEFAULT

If the contract goal established by MDOT in this proposal is 1% or greater, it must be met to fulfill the terms of the contract. The Contractor may list DBE Subcontractors and items that exceed MDOT's contract goal, but should unforeseen problems arise that would prevent a DBE from completing its total commitment percentage, the Contractor will meet the terms of the contract as long as it meets or exceeds MDOT's Contract Goal. For additional information, refer to "Replacement" section of this Notice.

DBE REPORTS

- (1) OCR-481: Refer to "CONTRACT GOAL" section of this Notice to Bidders for information regarding this form.
- (2) OCR-482: At the conclusion of the project the Contractor will submit to the Project Engineer for verification of quantities and further handling Form OCR-482 whereby the Contractor certifies to the amounts of payments made to each Contractor / Supplier. The Project Engineer shall submit the completed Form OCR-482 to the DBE Coordinator (Office of Civil Rights). Final acceptance of the project is dependent upon Contract Administration Division's receipt of completed Form OCR-482 which they will receive from the Office of Civil Rights.
- (3) OCR-483: The Project Engineer/Inspector will complete Form OCR-483, the Commercially Useful Function (CUF) Performance Report, in accordance with MDOT S.O.P. No. OCR-03-09-01-483. Evaluations reported on this form are used to determine whether or not the DBE firm is performing a CUF. The Prime Contractor should take

corrective action when the report contains any negative evaluations. DBE credit may be disallowed and/or other sanctions imposed if it is determined the DBE firm is not performing a CUF. This form should also be completed and returned to the DBE Coordinator (Office of Civil Rights).

- (4) OCR-484: Each month, the Contractor will submit to the Project Engineer OCR-484 certifying payments to all Subcontractors. This OCR-484 will be attached to the monthly estimate for further processing. Failure of the Contractor to submit the OCR-484 will result in the estimate not being processed and paid.
- (5) OCR-485: Bidder must submit **signed form with bid proposal** of all firms that submitted quotes for material supplies or items to be subcontracted. If the OCR-485 information is not included as part of bid proposal, your bid will be deemed irregular.
- (6) OCR-487: Only used by Prime Contractors that are certified DBE firms. This form is used in determining the exact percentage of DBE credit for the specified project. It should be returned to MDOT with the OCR-481 form, or can also be returned with the Permission to Subcontract Forms (CAD-720, CAD-725 and CAD-521).

SANCTIONS

The Department has the option to enforce any of the following penalties for failure of the Prime Contractor to fulfill the DBE goal as stated on the OCR-481 form or any violations of the DBE program guidelines:

- (1) Disallow credit towards the DBE goal
- (2) Withhold progress estimate payments
- (3) Deduct from the final estimate or recover an amount equal to the unmet portion of the DBE goal which may include additional monetary penalties as outlined below based on the number of offenses and the severity of the violation as determined by MDOT.

1 st Offense	10% of unmet portion of goal	or	\$5,000 lump sum payment	or	Both
2 nd Offense	20% of unmet portion of goal	or	\$10,000 lump sum payment	or	Both
3 rd Offense	40% of unmet portion of goal	or	\$20,000 lump sum payment	or	\$20,000 lump sum payment and debarment

- (4) Debar the Contractor involved from bidding on Mississippi Department of Transportation projects.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 7001

CODE: (SP)

DATE: 1/7/2015

SUBJECT: Contract Time

PROJECT:

The completion of work to be performed by the Contractor for this project will not be a specified date but shall be when all allowable working days are assessed, or any extension thereto as provided in Subsection 907-108.06.

The Notice of Award will be issued within 60 days of the bid opening date and the effective date of the Notice to Proceed / Beginning of Contract Time Date will be within two months following the Date of the Notice of Execution of Contract Letter.

The Contractor shall request a Notice to Proceed / Beginning of Contract Time Date after receiving the Notice of Execution of Contract Letter and the date requested should be within the two month period following the Date of the Notice of Execution of Contract Letter.

Should the Contractor not request a Notice to Proceed Date within the two months allowed, the date for the Notice to Proceed / Beginning of Contract Time will be two months after the Date of the Notice of Execution of Contract Letter.

97 Working Days have been allowed for the completion of work on this project.

A Preconstruction Conference as required by Subsection 907-108.03.2 should be held prior to commencement of any field work by the Contractor.

General Decision Number: MS170235 01/06/2017 MS235

Superseded General Decision Number: MS20160235

State: Mississippi

Construction Type: Highway

County: Forrest County in Mississippi.

HIGHWAY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/06/2017

* ELEC0903-006 05/01/2016

	Rates	Fringes
ELECTRICIAN.....	\$ 25.60	12.5%+4.00

SUMS2010-054 08/04/2014

	Rates	Fringes
CARPENTER (Form Work Only).....	\$ 12.00	0.00
CEMENT MASON/CONCRETE FINISHER...	\$ 11.54	1.63
HIGHWAY/PARKING LOT STRIPING:		
Truck Driver (Line Striping		
Truck)	\$ 14.55	0.00
INSTALLER - SIGN.....	\$ 12.19	0.00
INSTALLER: Guardrail.....	\$ 12.39	0.00
IRONWORKER, REINFORCING.....	\$ 16.44	0.00
LABORER: Common or General,		
Including Asphalt Raking,		
Shoveling, Spreading.....	\$ 10.34	0.00
LABORER: Flagger.....	\$ 11.42	0.00
LABORER: Grade Checker.....	\$ 14.82	0.00
LABORER: Luteman.....	\$ 12.88	0.00

LABORER: Mason Tender -		
Cement/Concrete.....	\$ 10.57	0.00
LABORER: Pipelayer.....	\$ 14.50	0.00
LABORER: Laborer-Cones/ Barricades/Barrels -		
Setter/Mover/Sweeper.....	\$ 12.17	0.00
OPERATOR: Asphalt Spreader.....	\$ 14.71	0.00
OPERATOR:		
Backhoe/Excavator/Trackhoe.....	\$ 14.20	0.00
OPERATOR: Bobcat/Skid		
Steer/Skid Loader.....	\$ 11.86	0.00
OPERATOR: Broom/Sweeper.....	\$ 10.94	0.00
OPERATOR: Bulldozer.....	\$ 13.99	0.00
OPERATOR: Concrete Saw.....	\$ 13.93	0.00
OPERATOR: Crane.....	\$ 14.80	0.00
OPERATOR: Distributor.....	\$ 11.46	0.00
OPERATOR: Grader/Blade.....	\$ 16.09	0.00
OPERATOR: Loader.....	\$ 13.99	0.00

OPERATOR: Mechanic.....	\$ 13.00	0.00
OPERATOR: Milling Machine.....	\$ 16.96	0.00
OPERATOR: Oiler.....	\$ 12.22	0.00
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 11.56	0.00
OPERATOR: Roller (All Types)....	\$ 12.17	0.00
OPERATOR: Scraper.....	\$ 14.00	0.00
OPERATOR: Tractor.....	\$ 12.00	0.00
SURVEYOR (Staking, Marking and Brush Clearing).....	\$ 11.56	0.00
TRUCK DRIVER: Flatbed Truck.....	\$ 14.72	0.00
TRUCK DRIVER: Lowboy Truck.....	\$ 14.18	0.00
TRUCK DRIVER: Mechanic.....	\$ 12.31	0.00
TRUCK DRIVER: Water Truck.....	\$ 17.08	0.00
TRUCK DRIVER: Dump Truck (All Types).....	\$ 11.58	0.00
TRUCK DRIVER: Semi/Trailer Truck.....	\$ 14.36	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current

negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division

U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

SUPPLEMENT TO FORM FHWA-1273 LPA

DATE: 10/19/2013

SUBJECT: Final Certificate and Contract Provisions for Subcontracts

All subcontracts shall be in writing and contain all pertinent provisions and requirements of the prime contract.

Each "Request for Permission to Subcontract" (Form RPS-1) shall include a copy of subcontract for review by the Mississippi Department of Transportation. The federal contract provisions may be omitted from the subcontract copy submitted for review provided the Contractor certifies that the provisions will be physically incorporated into the agreement furnished to the Subcontractor.

In lieu of submitting a copy of the subcontract for review, the Contractor may certify that the subcontract agreement is in writing and that it contains all the requirements and pertinent provisions of the prime contract.

Each Subcontractor will be required to provide a copy of the subcontract agreement for contract compliance reviews, along with physical evidence (copy of FHWA-1273) that requirements and pertinent provisions have been provided for review and adherence.

REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under

this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are

applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar

with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form FHWA-1391. The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor

will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions

of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b.(1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or

will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program. Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-

Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b.(1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly

rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;

(2) the prime contractor remains responsible for the quality of the work of the leased employees;

(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is

evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.

2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this

covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) 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;

(3) 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 (a)(2) of this certification; and

(4) 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.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which

this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the

department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, 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 an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making 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.

b. 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 any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

NOTICE OF REQUIREMENTS FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY (EXECUTIVE ORDER 11246)

1. The Offeror's or Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth herein.

2. The goal for female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work, is 6.9%.

Until further notice	Goals for minority participation for each trade (percent)
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SHSA Cities:

Pascagoula - Moss Point -----	16.9
Biloxi - Gulfport -----	19.2
Jackson -----	30.3

SMSA Counties:

Desoto -----	32.3
Hancock, Harrison, Stone-----	19.2
Hinds, Rankin -----	30.3
Jackson -----	16.9

Non-SMSA Counties:

George, Greene-----	26.4
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Alcorn, Benton, Bolivar, Calhoun, Carroll, Chickasaw, Clay, Coahoma, Grenada, Itawamba, Lafayette, Lee, Leflore, Marshall, Monroe, Montgomery, Panola, Pontotoc, Prentiss, Quitman, Sunflower, Tallahatchie, Tate, Tippah, Tishomingo, Tunica, Union, Washington, Webster, Yalobusha -----	26.5
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Attala, Choctaw, Claiborne, Clarke, Copiah, Covington, Franklin, Holmes, Humphreys, Issaquena, Jasper, Jefferson, Jefferson Davis, Jones Kemper, Lauderdale, Lawrence, Leake, Lincoln, Lowndes, Madison, Neshoba, Newton, Noxubee, Oktibbeha, Scott, Sharkey, Simpson, Smith, Warren, Wayne, Winston, Yazoo-----	32.0
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Forrest, Lamar, Marion, Pearl River, Perry, Pike, Walthall-----	27.7
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Adams, Amite, Wilkinson -----	30.4
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These goals are applicable to all the Contractor's construction work (whether or not it is Federal or federally assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and nonfederally involved construction.

The Contractor's compliance with the Executive Order and the regulations in CFR Part 60-4 shall be based on its implementation of the Equal Opportunity clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4.2(d). Compliance with the goals will be measured against the total work hours performed.

3. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within 10 working days of award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor, employer identification number of the subcontractor, estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed.

4. As used in this Notice, and in the contract resulting from this solicitation, the "covered area" is to the county and city (if any), stated in the advertisement.

5. The notification required in Paragraph 3 shall be addressed to the following:

Contract Compliance Officer
Mississippi Department of Transportation
P.O. Box 1850
Jackson, Mississippi 39215-1850

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-101-4

CODE: (IS)

DATE: 11/05/2008

SUBJECT: Definitions

Section 101, Definitions and Terms, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

907-101.02--Definitions. Replace the following definitions in Subsection 101.02 on pages 3 through 13.

Contract - The written agreement between the Mississippi Transportation Commission and the Contractor 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 bonds, specifications, supplemental specifications, interim specifications, general and detailed plans, special provisions, notices to bidders, notice to proceed, and also any 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 Bonds - The approved form of security, executed by the Contractor and the Contractor's Surety(ies), 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. This term includes Performance and Payment Bond(s).

Surety - A corporate body, qualified under the laws of Mississippi, which is bound with and for the successful bidder by "contract bond(s)" to guarantee acceptable performance of the contract and payment of all legal taxes and debts pertaining to the construction of the project, including payment of State Sales Tax as prescribed by law, and any overpayment made to the Contractor.

Add the following to the list of definitions in Subsection 101.02 on pages 3 through 13.

Performance Bond - The approved form of security, executed by the Contractor and issued by the Contractor's Surety(ies), guaranteeing satisfactory completion of the contract and all supplemental agreements pertaining thereto.

Payment Bond - The approved form of security, executed by the Contractor and issued by the Contractor's Surety(ies), guaranteeing the payment of all legal debts pertaining to the construction of the project including, but not limited to, the labor and materials of subcontractors and suppliers to the prime contractor.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-102-4 LPA

CODE: (SP)

DATE: 04/29/2014

SUBJECT: Bidding Requirements and Conditions

907-102.06--Preparation of Proposal. Delete the fifth, sixth, seventh, eighth, and ninth paragraphs of Subsection 102.06 on page 18.

907-102.08--Proposal Guaranty. Delete the two paragraphs in Subsection 102.08 on page 20 and substitute the following:

No proposal will be considered unless accompanied by certified check, cashier's check or bid bond, made payable to the LPA listed in the contract, in an amount of not less than five percent (5%) of the total amount of the proposal offered. The guaranty shall be evidence of good faith that, if awarded the contract, the bidder will execute the contract and give performance and payment contract bond(s) as stipulated in Subsection 907-103.05.1, 907-103.05.2, and as required by law.

If a bid bond is offered as guaranty, the bond must be on a form approved by the Chief LPA Official, made by a Surety acceptable to the Chief LPA Official and signed or countersigned by a Mississippi Agent or Qualified Nonresident Agent and the Bidder. Such bid bond shall also conform to the requirements and conditions stipulated in Subsection 907-103.05.2 as applicable.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

| SPECIAL PROVISION NO. 907-103-11

CODE: (SP)

| DATE: 07/22/2015

SUBJECT: Award and Execution of Contract

Section 103, Award and Execution of Contract, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

907-103.04--Return of Proposal Guaranty. Delete the second paragraph of Subsection 103.04 on page 23 and substitute the following:

Certified checks or cashier's checks submitted as proposal guaranties, except those of the two lowest bidders, will be returned within 10 days of contract award. The retained proposal guaranty of the unsuccessful of the two lowest bidders will be returned within ten days following the execution of a contract with the successful low bidder. The retained proposal guaranty of the successful bidder will be returned after satisfactory performance and payment bonds have been furnished and the contract has been executed.

In the event all bids are rejected by the Commission, certified checks or cashier's checks submitted as proposal guaranty by all bidders will be returned within 10 days of rejection.

Delete Subsection 103.05 on page 23 and substitute the following:

907-103.05--Contract Bonds.

907-103.05.1--Requirement of Contract Bonds. Prior to the execution of the contract, the successful bidder shall execute and deliver to the Executive Director a performance and payment bond(s), in a sum equal to the full amount of the contract as a guaranty for complete and full performance of the contract and the protection of the claimants and the Department for materials and equipment and full payment of wages in accordance with Section 65-1-85 Miss. Code Ann. (1972 as amended). In the event of award of a joint bid, each individual, partnership, firm or corporation shall assume jointly the full obligations under the contract and the contract bond(s).

907-103.05.2--Form of Bonds. The form of bond(s) shall be that provided by or acceptable to the Department. These bonds shall be executed by a Mississippi agent or qualified nonresident agent and shall be accompanied by a certification as to authorization of the attorney-in-fact to commit the Surety company. A power of attorney exhibiting the Surety's original seal supporting the Mississippi agent or the qualified nonresident agent's signature shall be furnished with each bond. The Surety company shall be currently authorized and licensed in good standing to conduct business in the State of Mississippi with a minimum rating by A.M. Best of (A-) in the latest printing "Best's Key Rating Guide" to write individual bonds up to ten percent of the policy holders' surplus or listed on the current list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as

published by the United States Department of the Treasury, Financial Management Service, Circular 570 (latest revision as published and supplemented on the Financial Management Service Web site and in the Federal Register) within the underwriting limits listed for that Surety. The Mississippi agent or qualified nonresident agent shall be in good standing and currently licensed by the Insurance Commissioner of the State of Mississippi to represent the Surety company(ies) executing the bonds.

Surety bonds shall continue to be acceptable to the Commission throughout the life of the Contract and shall not be canceled by the Surety without the consent of the Department. In the event the Surety fails or becomes financially insolvent, the Contractor shall file a new Bond in the amount designated by the Executive Director within thirty (30) days of such failure, insolvency, or bankruptcy. Subsequent to award of Contract, the Commission or the Department may require additional security for any supplemental agreements executed under the contract or replacement security in the event of the surety(ies) loss of the ratings required above. Suits concerning bonds shall be filed in the State of Mississippi and adjudicated under its laws without reference to conflict of laws principles.

907-103.08--Failure to Execute Contract. In the first sentence of Subsection 103.08 on page 24, change "bond" to "performance and payment bonds".

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-104-5

CODE: (IS)

DATE: 05/01/2013

SUBJECT: Scope of Work

Section 104, Scope of Work, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

907-104.05--Removal and Disposal of All Materials From the Project. Delete the second sentence of the first full paragraph of Subsection 104.05 on page 30 and substitute the following:

The Contractor shall also furnish the Engineer a certified letter stating that the area of disposal is not in a wetland or in Waters of the U.S.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SUPPLEMENT TO SPECIAL PROVISION NO. 907-105-9

DATE: 07/12/2016

SUBJECT: Control of Work

907-105.05.2--Certified Erosion Control Person (CECP). Delete the first sentence of Subsection 907-105.05.2 on page 1, and substitute the following.

On projects that require an erosion control plan, the Contractor shall also designate a responsible person who shall monitor and maintain the effectiveness of the erosion control plan, including NPDES permit requirements.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-105-9

CODE: (SP)

DATE: 06/21/2016

SUBJECT: Control of Work

Section 105, Control of Work, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is modified as follows.

907-105.04--Coordination of Plans, Specifications, Interim Specifications, Special Provisions and Notice to Bidders. Delete the second full paragraph of Subsection 105.04 on page 35, and substitute the following.

In case of a conflict between plan quantities, advertisement quantities, and/or bid sheet quantities, the bid sheet quantities shall prevail.

907-105.05--Cooperation by Contractor. Delete Subsection 105.05 on page 35 and substitute the following.

907-105.05--Cooperation by Contractor. The Contractor shall give the work the attention necessary to expedite its progress, and shall cooperate with the Engineer, inspectors and other Contractors in every possible way.

907-105.05.1--Project Superintendent. The Contractor shall have a competent and experienced full time resident superintendent who is capable of reading and understanding the plans and specifications for the particular work being performed. The superintendent shall be on the project site at any time work is being performed by the Prime Contractor or any Subcontractors. The superintendent shall advise the Project Engineer of an intended absence from the work and designate a person to be in charge of the work during such absence. The superintendent shall receive instructions from the Engineer or authorized representative. Upon issuance of the Notice to Award, the Contractor or duly appointed agent authorized to bind the Contractor shall file with the Executive Director the name and address of the superintendent who will supervise the work with copies to the Construction Engineer, Contract Administration Engineer, District Engineer and Project Engineer. The Executive Director shall be immediately notified in writing with copies to those stated when a change is made in the Contractor's superintendent or superintendent's address. 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.

907-105.05.2--Certified Erosion Control Person (CECP). On projects that require an erosion control plan, the Contractor shall also designate a responsible person whose primary duty shall be to monitor and maintain the effectiveness of the erosion control plan, including NPDES permit requirements. This responsible person must be a Certified Erosion Control Person

certified by an organization approved by the Department. Prior to or at the pre-construction conference, the Contractor shall designate in writing the Certified Erosion Control Person to the Project Engineer. The designated CECP shall be assigned to only one (1) project. When special conditions exist, such as two (2) adjoining projects or two (2) projects in close proximity, the Contractor may request in writing that the State Construction Engineer approve the use of one (1) CECP for both projects. The Contractor may request in writing that the Engineer authorize a substitute CECP to act in the absence of the CECP. The substitute CECP must also be certified by an organization approved by the Department. A copy of the CECP's certification must be included in the Contractor's Protection Plan as outlined in Subsection 907-107.22.1. This in no way modifies the requirements regarding the assignment and availability of the superintendent.

907-105.05.2.1--Responsibilities and Duties of the Certified Erosion Control Person. The CECP shall be responsible for the following:

1. Attending pre-construction conferences and each Erosion Control Inspection conducted by the Department.
2. In accordance with the requirements of Subsection 907-107.22.1, ensuring all required documentation, such as, but not limited to, the SWPPP, ECP are:
 - on the project site at all times,
 - updated on a daily basis, and
 - contain all revisions, additions, and modifications.
3. In accordance with Subsection 907-107.22.1, ensuring the "19-acre" rule is being adhered to, if applicable.
4. Ensuring the project has a rain gauge and maintain records of rainfall events on the Contractor's Erosion Control Inspection reports.
5. Ensuring the buffer zones around all stream-banks and wetland areas in which no construction activities are to take place are marked/flagged/roped off prior to any land disturbing activity.
6. Ensuring perimeter erosion/sedimentation control devices (BMPs) are in place prior to any land disturbing activity.
7. Reviewing and verifying the proper installation, maintenance, and effectiveness of the BMPs.
8. Notifying the Project Engineer within 24 hours of learning that sediment has been deposited off Department ROW or into a wetland or waters of the U.S.
9. Notifying the MDEQ within 24 hours of learning that sediment has been deposited into a wetland or waters of the U.S., copying the Project Engineer on the correspondence.
10. Performing the Contractor's Erosion Control Inspections of the project on the form provided for the purpose ensuring compliance with MDEQ's Storm Water Construction General Permit. Contractor Inspections shall be performed:
 - at least weekly, and
 - within 24 hours or on the business day prior to any forecasted rain event of 60% or greater, and
 - within 24 hours or on the next business day after a rainfall event of 0.5" or greater.

The Contractor's Erosion Control Inspections shall commence with the installation of the perimeter BMPs and continue until a Partial Maintenance Release has been issued. Within 24 hours of completing each Contractor Erosion Control Inspection, the CECP shall

provide the Project Engineer with a copy of the report documenting the findings of each Contractor Erosion Control Inspection. The CECP will discuss the findings with the Contractor's Superintendent, if the CECP and the superintendent aren't the same person, and the Project Engineer or his representative. Failure to submit the completed and signed inspection forms may result in the withholding of the monthly estimate.

907-105.05.2.2--Deficient Performance of the Certified Erosion Control Person. In the event that the Contractor's CECP is not meeting the requirements set forth above, the Project Engineer will notify the Contractor in writing, describing the CECP's deficient performance. If the deficient performance should continue, the Department may take any or all actions listed below:

1. stop all non-erosion control work,
2. require the Contractor to designate a new CECP with the responsibilities and authority listed in Subsection 907-105.05.2.1,
3. revise the SWPPP and ECP with the newly designated CECP's certification information, and

In the event that a CECP is removed from serving as a CECP on a project, this person shall not be accepted as a Contractor's CECP on MDOT projects for at least one year from the time of removal.

907-105.14--Maintenance During Construction. Before the first sentence Subsection 105.14 on page 39, add the following.

The Contractor will be responsible for the maintenance of existing roadways within the limits of this project starting on the date of the Notice to Proceed / Beginning of Contract Time. Anytime work is performed in a travel lane, the Contractor shall install portable lane closure signs meeting the requirement of the MDOT Standard Drawing or MUTCD.

907-105.16--Acceptance. Delete Subsection 105.16 on pages 40 and 41, and substitute the following.

907-105.16--Acceptance.

907-105.16.1--Partial Acceptance of a Unit. When the Contractor has completed a unit of the work such as an interchange, a structure, a portion of the road or pavement or one project of a multi-project contract, the Contractor may request the Engineer to make a final inspection of that unit; or the Executive Director may order a final inspection of the unit if it is in the public's interest. If the Engineer finds upon inspection that the unit has been completed in compliance with the contract and it is a complete facility which can be made available to the public or made available for the prosecution of work under another contract, the Executive Director may conditionally accept the unit and conditionally relieve the Contractor of certain contractual responsibilities as defined in the release.

In the event items of work covered by such release are found to be defective or deficient as evidenced by unsatisfactory test reports of materials incorporated in the work or other engineering determination, the release shall terminate upon written notification to the Contractor. The Contractor shall make all corrections, restorations, constructions or reconstructions deemed

necessary and shall resume all contractual responsibilities until all corrective measures have been made in accordance with the terms of the contract.

Partial acceptance does not constitute final acceptance of the work, or any part thereof, nor in any way void or alter any of the terms of the contract.

Relief from "certain contractual responsibilities" as indicated herein may, or may not, include:

- (a) Further maintenance of the defined limits of the partially accepted work.
- (b) Further public liability for the defined limits of the partially accepted work.
- (c) Further liability for liquidated damages as applicable to the value of the partially accepted work when the quantities for the partially accepted work are separate quantities listed on the Summary of Quantities sheet of the plans, and the separate quantities and the total amounts thereof are listed on the Engineer's Estimate. Otherwise, no reduction in liquidated damages will be made because of such partial acceptance.

Unless specifically provided in the contract, the liability for liquidated damages shall not be reduced to less than that applicable under the contract for an amount of such work equal to at least fifty percent (50%) of the total amount of work under the contract.

907-105.16.2--Partial Maintenance Release of a Project. Upon written notice from the Contractor of presumptive completion of all the work and upon due notice from the Resident or Project Engineer, the Engineer will make an inspection.

If the inspection discloses any work as being unsatisfactory or incomplete, the Engineer will discuss in detail with the Contractor all discrepancies in the work. Upon correction of the work, another inspection will be made which shall constitute the final inspection provided the work has been satisfactorily completed.

However, if during the final inspection the Engineer determines that all work has been satisfactorily completed save that of growth and coverage of plant establishment on all or part of the work, the Engineer may recommend partial release of all work except items related to growth and coverage. Upon such recommendation, the Contractor will be given a partial release of maintenance and shall be released from further contractual liabilities for the completed work. The Contractor will retain responsibility for plant establishment and all maintenance and repairs appurtenant thereto until satisfactory growth and coverage is achieved.

907-105.16.3--Final Maintenance Release of a Project. Upon written notice from the Contractor of presumptive completion of all the work and upon due notice from the Resident or Project Engineer, the Engineer will make an inspection. If all work provided by the contract has been completed to the Engineer's satisfaction, the inspection will constitute the final inspection, and the Engineer will conditionally release the Contractor of maintenance.

As provided in the contract, in the event items of work are found to be deficient or defective as evidenced by unsatisfactory test reports of material incorporated into the work, the Contractor shall assume full responsibility for corrective measures, and shall reassume maintenance and public liability until such corrective measures are completed to the satisfaction of the Engineer.

907-105.16.4.--Final Acceptance of a Project. Upon evidence that the Contractor has fulfilled all obligations under the contract, the Executive Director will make final acceptance and notify the Contractor in writing. Final acceptance of the project will not be given until all obligations imposed under the contract, including but not limited to the final reporting of payrolls, final reporting of DBE payments, acceptable certifications and test reports of materials used, etc., have been fulfilled.

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
EROSION AND SEDIMENT CONTROL FIELD INSPECTION REPORT**

A.

PROJECT #: _____ INSPECTION DATE: _____
 COUNTY: _____ DATE OF LAST PRECIPITATION: _____
 CONTRACTOR: _____ AMOUNT OF PRECIPITATION SINCE LAST INSPECTION: _____
 CECIP'S NAME: _____ EROSION CONTROL SUB: _____
 ACCOMPANIED BY MDOT STAFF? ☐ YES ☐ NO IF YES, NAME(S): _____
 INSPECTION TYPE: ☐ WEEKLY ☐ PRE-RAIN EVENT ☐ POST-RAIN EVENT (required after ½" or more of rain)

B.

	Yes	No	NA
HAVE ALL CORRECTIVE ACTIONS NECESSARY FROM PREVIOUS INSPECTION BEEN SATISFACTORILY TAKEN CARE OF?			
IS THE ECP ON-SITE?			
DOES THE ECP ACCURATELY REFLECT ALL THE CURRENT BMP'S?			
ARE ALL THE INSPECTIONS REPORTS COMPLETE AND ON-SITE?			
ARE THE CONTRACTOR'S OPERATIONS IN SEQUENCE WITH THE APPROVED ECP?			
ARE STOCKPILES PROPERLY MANAGED?			
ARE ROADWAYS CLEAR OF SEDIMENT?			
ARE STABILIZED CONSTRUCTION ENTRANCES IN PLACE PER THE ECP?			
HAVE MDEQ AND THE PE BEEN GIVEN PROPER NOTIFICATION OF ANY "UPSET" CONDITIONS SINCE THE PREVIOUS INSPECTION?			
HAS SEDIMENT BEEN DEPOSITED OUTSIDE THE ROW? IF YES, GIVE DETAILS IN THE COMMENTS SECTION ASSOCIATED WITH THE BMP WHICH FAILED.			
HAS SEDIMENT BEEN DEPOSITED INTO "WATERS OF THE US"? IF YES, GIVE DETAILS IN THE COMMENTS SECTION ASSOCIATED WITH THE BMP WHICH FAILED.			

COMMENTS	
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EXCEPT FOR THE INSTANCES LISTED BELOW, ALL EROSION AND SEDIMENT CONTROL BMP's HAVE BEEN INSPECTED AND FOUND TO BE IN WORKING ORDER AND DO NOT REQUIRE MAINTENANCE OR CORRECTIVE ACTIONS.

[illegible]

* **A** = ADDITIONAL BMP NEEDED, **I** = INCORRECT INSTALLATION OF EXISTING BMP, **M** = BMP MAINTENANCE NEEDED, **F** = BMP FAILURE

**** ROW = OFF RIGHT OF WAY, WOS = INTO WATERS OF THE STATE**

I CERTIFY THAT THIS DOCUMENT IS A TRUE AND ACCURATE REPRESENTATION OF THE CONDITIONS REFLECTED ON THIS PROJECT AT THE TIME OF THE INSPECTION.

Date _____

E. I certify that the findings listed in this report have been discussed with me.

Contractor's Superintendent

Date _____

BMP TYPE TABLE			
NUMBER	BMP	NUMBER	BMP
1	Above Ground Storage Tank (AST)	27	Sanitary Facilities
2	Brush Barrier	28	Sediment Retention Barrier
3	Chemical Flocculation (PAM)	29	Silt Bags (Dewatering Bags)
4	Chemical Soil Stabilization (Pam or Polyacrylamide)	30	Silt Fence
5	Chemical Storage	31	Slope Erosion (Rill & Gully)
6	Clearwater Diversion Channel	32	Slope Surface Roughening (Slope Tracking)
7	Concrete Washouts	33	Solid Waste (Trash)
8	Construction Debris	34	Spill Detection
9	--	35	Stabilized Construction Entrance/Exit
10	Detention Pond	36	Stockpile Protection
11	Ditch Liner	37	Straw Bale Checks
12	Ditchline Erosion	38	Stream Bank Erosion
13	Dust Control	39	Super Silt Fence
14	Erosion Control Blanket (ECB)	40	Temporary Earthen Berm
15	Filter Stone Rock Check (Filter Stone Check Dam)	41	Temporary Mulch (Straw Mulch, etc.)
16	Illicit Discharge	42	Temporary Sediment Basin (Silt Basin)
17	Inlet Protection	43	Temporary Sediment Trap
18	--	44	Temporary Stream Crossing
19	Outlet Protection (Energy Dissipater)	45	Temporary Stream Diversion Channel (Box Culverts)
20	Paved Ditching	46	Temporary Vegetation
21	Permanent Sediment Basin	47	Topsoiling
22	Permanent Vegetation	48	Triangular Silt Dike
23	Retention Pond	49	Turbidity Barrier
24	Rip-Rap Armoring	50	Turf Reinforcement Mat (TRM)
25	Rock Bags (Sand Bags)	51	Vegetative Buffer Zone
26	Rock Check (Check Dam)	52	Vegetated Filter Strip (Sod)
		53	Wattles

Instructions:

1. Fill out the form
2. Use the numbers in the BMP TYPE table to identify the applicable BMP in each row of the Table in C.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SUPPLEMENT TO SPECIAL PROVISION NO. 907-107-13

DATE: 11/17/2015

SUBJECT: Permits, Licenses and Taxes

After the second paragraph of Subsection 907-107.02 on page 1, add the following.

Prior to commencing work on any Project, the Contractor shall obtain a Material Purchase Certificate number (MPC#) from the Mississippi Department of Revenue, pursuant to Miss. Code Ann. § 27-65-21, and Miss. Admin. Code 35.IV.10.01. Upon receipt of the MPC#, the Contractor must immediately provide the MPC# to the Contract Administration Division of the Department. Failure to obtain and submit a MPC# prior to commencing work shall result in the withholding of payment to the Contractor until such time that a MPC# is obtained and submitted to the Department.

Delete the last sentence of the last paragraph of Subsection 907-107.02 on page 1, and substitute the following.

The Department will notify the Mississippi Department of Revenue of the names and addresses of any Contractors or Subcontractors.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

| SPECIAL PROVISION NO. 907-107-13

CODE: (IS)

| DATE: 05/01/2013

SUBJECT: Legal Relations and Responsibility to Public

Section 107, Legal Relations and Responsibility to Public, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-107.02--Permits, Licenses and Taxes. Delete in toto Subsection 107.02 on page 49 and substitute the following.

The Contractor or any Subcontractor shall have the duty to determine any and all permits and licenses required and to procure all permits and licenses, pay all charges, fees and taxes and issue all notices necessary and incidental to the due and lawful prosecution of the work. At any time during the life of this contract, the Department may audit the Contractor's or Subcontractor's compliance with the requirements of this section.

The Contractor or any Subcontractor is advised that the "Mississippi Special Fuel Tax Law", Section 27-55-501, et seq. and the Mississippi Use Tax Law, Section 27-67-1, et seq., and their requirements and penalties, apply to any contract or subcontract for construction, reconstruction, maintenance or repairs, for contracts or subcontracts entered into with the State of Mississippi, any political subdivision of the State of Mississippi, or any Department, Agency, Institute of the State of Mississippi or any political subdivision thereof.

The Contractor or any Subcontractor will be subject to one or more audits by the Department during the life of this contract to make certain that all applicable fuel taxes, as outlined in Section 27-55-501, et seq., and any sales and/or use taxes, as outlined in Section 27-67-1, et seq. are being paid in compliance with the law. The Department will notify the Mississippi State Tax Commission of the names and addresses of any Contractors or Subcontractors.

907-107.14--Damage Claims and Insurance.

| **907-107.14.2--Liability Insurance.** Delete Subsection 107.14.2 beginning on page 60 and substitute the following.

907-107.14.2.1--General. The Contractor shall carry Contractor's liability, including subcontractors and contractual, with limits not less than: \$500,000 each occurrence; \$1,000,000 aggregate; automobile liability - \$500,000 combined single limit - each accident; Workers' Compensation and Employers' Liability - Statutory & \$100,000 each accident; \$100,000 each employee; \$500,000 policy limit. Each policy shall be signed or countersigned by a Mississippi Agent or Qualified Nonresident Agent of the Insurance Company.

The Contractor shall have certificates furnished to the Department from the insurance companies providing the required coverage. The certificates shall be on the form furnished by the Department and will show the types and limits of coverage.

907-107.14.2.2--Railroad Protective. The following provisions are applicable to all work performed under a contract on, over or under the rights-of-way of each railroad shown on the plans.

The Contractor shall assume all liability for any and all damages to work, employees, servants, equipment and materials caused by railroad traffic.

Prior to starting any work on railroad property, the Contractor shall furnish satisfactory evidence to the Department that insurance of the forms and amounts set out herein in paragraphs (a) and (b) has been obtained. Also, the Contractor shall furnish similar evidence to the Railroad Company that insurance has been obtained in accordance with the Standard Provisions for General Liability Policies and the Railroad Protective Liability Form as published in the Code of Federal Regulations, 23 CFR 646, Subpart A. Evidence to the Railroad Company shall be in the form of a Certificate of Insurance for coverages required in paragraph (b), and the original policy of the Railroad Protective Liability Insurance for coverage required in paragraph (a).

All insurance herein specified shall be carried until the contract is satisfactorily complete as evidenced by a release of maintenance from the Department.

The Railroad Company shall be given at least 30 days notice prior to cancellation of the Railroad Protective Liability Insurance policy.

For work within the limits set out in Subsection 107.18 and this subsection, the Contractor shall provide insurance for bodily injury liability, property damage liability and physical damage to property with coverages and limits no less than shown in paragraphs (a) and (b). Bodily injury shall mean bodily injury, sickness, or disease, including death at anytime resulting therefrom. Property damage shall mean damages because of physical injury to or destruction of property, including loss of use of any property due to such injury or destruction. Physical damage shall mean direct and accidental loss of or damage to rolling stock and their contents, mechanical construction equipment or motive power equipment.

(a) **Railroad Protective Liability Insurance** shall be purchased on behalf of the Railroad Company with limits of \$2,000,000 each occurrence; \$6,000,000 aggregate applying separately to each annual period for lines without passenger trains. If the line carries passenger train(s), railroad protective liability insurance shall be purchased on behalf of the Railroad Company with limits of \$5,000,000 each occurrence; \$10,000,000 aggregate applying separately to each annual period.

Coverage shall be limited to damage suffered by the railroad on account of occurrences arising out of the work of the Contractor on or about the railroad right-of-way, independent of the railroad's general supervision or control, except as noted in paragraph 4 below.

Coverage shall include:

- (1) death of or bodily injury to passengers of the railroad and employees of the railroad not covered by State workmen's compensation laws,
- (2) personal property owned by or in the care, custody or control of the railroads,
- (3) the Contractor, or any of the Contractor's agents or employees who suffer bodily injury or death as a result of acts of the railroad or its agents, regardless of the negligence of the railroads, and
- (4) negligence of only the following classes of railroad employees:
 - (i) any supervisory employee of the railroad at the job site
 - (ii) any employee of the railroad while operating, attached to, or engaged on, work trains or other railroad equipment at the job site which are assigned exclusively to the Contractor, or
 - (iii) any employee of the railroad not within (i) or (ii) above who is specifically loaned or assigned to the work of the Contractor for prevention of accidents or protection of property, the cost of whose services is borne specifically by the Contractor or Governmental authority.

(b) **Contractor's Liability - Railroad**, including subcontractors, XCU and railroad contractual with limits of \$1,000,000 each occurrence; \$2,000,000 aggregate. **Automobile** with limits of \$1,000,000 combined single limit any one accident; **Workers' Compensation and Employer's Liability** - statutory and \$100,000 each accident; \$100,000 each employee; \$500,000 policy limit. **Excess/Umbrella Liability** \$5,000,000 each occurrence; \$5,000,000 aggregate. All coverage to be issued in the name of the Contractor shall be so written as to furnish protection to the Contractor respecting the Contractor's operations in performing work covered by the contract. Coverage shall include protection from damages arising out of bodily injury or death and damage or destruction of property which may be suffered by persons other than the Contractor's own employees.

In addition, the Contractor shall provide for and on behalf of each subcontractor by means of a separate and individual liability and property damage policy to cover like liability imposed upon the subcontractor as a result of the subcontractor's operations in the same amounts as contained above; or, in the alternative each subcontractor shall provide same.

907-107.15--Third Party Beneficiary Clause. In the first sentence of the first paragraph of Subsection 107.15 on page 61, change "create the public" to "create in the public".

907-107.17--Contractor's Responsibility for Work. Delete the fifth sentence of the fifth paragraph of Subsection 107.17 on page 63 and substitute the following.

The eligible permanent items shall be limited to traffic signal systems, changeable message signs, roadway signs and sign supports, lighting items, guard rail items, delineators, impact

attenuators, median barriers, bridge railing or pavement markings. The eligible temporary items shall be limited to changeable message signs, guard rail items, or median barriers.

907-107.18--Contractor's Responsibility for Utility Property and Services. After the first sentence of Subsection 107.18 on page 63, add the following:

Prior to any excavation on the project, the Contractor shall contact MS 811 and advise them to mark all known utilities in the area of the excavation.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SUPPLEMENT TO SPECIAL PROVISION NO. 907-107-14

DATE: 06/03/2014

SUBJECT: Contractor's Protection Plan

907-107.22.1--Contractor's Erosion Control Plan. Delete the first sentence of the second paragraph of Subsection 907-107.22.1 on page 1, and substitute the following.

The time between the Notice of Award and Notice to Proceed/Beginning of Contract Time in the proposal, has been allowed for the submittal and concurrence of the Contractor's erosion control plan, MDOT's review of the plan, and any revisions that may be necessary.

After the last paragraph of Subsection 907-107.22.1 on page 2, add the following.

As soon as the ECP has been approved, a copy of the SWPPP (Narrative, ECP with updates) shall be available on the project at all times. The Contractor shall provide and install a weatherproof enclosure, such as a mailbox, on the project at a location that will be readily accessible to the Engineer or others who may want to review the project ECP. The cost of installing and maintaining this enclosure shall be included in the prices bid for the various erosion control pay items and no direct payment will be made for this work.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-107-14

CODE: (IS)

DATE: 05/22/2013

SUBJECT: Contractor's Protection Plan

Section 107, Legal Relations and Responsibility to Public, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

Delete in toto Subsection 107.22.1 on pages 65 and 66, and substitute the following.

907-107.22.1--Contractor's Erosion Control Plan. At the preconstruction conference or prior to starting any work on the project, the Contractor shall submit to the Project Engineer for concurrence a comprehensive erosion and siltation control plan. The plan shall utilize temporary measures and permanent erosion control features to provide acceptable controls during all stages of construction. If an early Notice to Proceed is desired, the Contractor's Erosion Control Plan should be submitted to the Engineer as soon as possible after award since an approved erosion control plan is required for an early Notice to Proceed.

Approximately 60 calendar days, the time between the Notice of Award and Notice to Proceed/Beginning of Contract Time in the proposal, has been allowed for the submittal and concurrence of the Contractor's erosion control plan, MDOT's review of the plan, and any revisions that may be necessary. The original contract time shall not be adjusted unless delays are caused solely by the Department for the submission, review, and concurrence of the Contractor's erosion control plan.

As a minimum, the plan shall include the following:

1. Erosion Control Plan (ECP) sheets or the plan profile sheets, 11" x 17" or larger, of all areas within the rights-of-way from the Beginning of the Project (BOP) to the End of the Project (EOP) showing the location of all temporary erosion control devices. Erosion control devices should be identified by exact type, temporary or permanent, configuration, and placement of each item to prevent erosion and siltation. A narrative of the Contractor's temporary erosion control plan shall be submitted in a format similar to the form attached to this special provision, but must include the heading and sub-heading information. As a minimum, the narrative shall include the following:
 - A detailed description, including locations (station numbers) of the Contractor's proposed sequence of operations including, but not limited to, clearing and grubbing, excavation, drainage, and structures.
 - A detailed description, including locations, and best management practices (BMP) that will be used to prevent siltation and erosion from occurring during the Contractor's proposed sequence of operations.

2. A copy of the certification for the Contractor's Certified Erosion Control Person whose primary duty shall be monitoring and maintaining the effectiveness of the erosion control plan, BMPs, and compliance with the NPDES permit requirements.
3. A plan for the disposal of waste materials on the project right-of-way which shall include but not be limited to the following:
 - containment and disposal of materials resulting from the cleaning (washing out) of concrete trucks that are delivering concrete to the project site.
 - containment and disposal of fuel / petroleum materials at staging areas on the project.

The erosion and siltation control plan shall be maintained on the project site at all times, updated as work progresses to show changes due to revisions in the sequences of construction operations, replacement of inadequate BMPs, and the maintenance of BMPs. Work shall not be started until an erosion control plan has been concurred with by the MDOT. The Engineer will have the authority to suspend all work and/or withhold payments for failure of the Contractor to carry out provisions of MDEQ's Storm Water Construction General Permit, the erosion control plan, updates to the erosion control plan, and /or proper maintenance of the BMPs.

907-107.22.2--Clearing and Grubbing, Haul Roads, Waste Areas, Plant Sites or Other Areas Occupied by the Contractor. Delete the fourth paragraph of Subsection 107.22.2 on page 66 and substitute the following.

Unless otherwise determined by the Engineer from a study of overall job conditions, the exposed surface area of erodible material at any one time on this project shall not exceed 19 acres without prior approval by the Engineer.

EXAMPLE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
Storm Water Pollution Prevention Plan (SWPPP)
Narrative

General Permit Coverage No: MSR _____
Project Number: _____
County: _____
Route: _____

SITE INFORMATION

This project consists of grading and installing drainage structures necessary to construct approximately 6 miles of parallel lanes on SR 31 between the Hinds County Line and the Rankin County Line.

SEDIMENT AND EROSION CONTROLS

VEGETATIVE CONTROLS: Clearing and grubbing areas will be minimized to comply with the buffer zones (minimum of 15 feet along the ROW lines and 5 feet along creeks) as per the contract documents. A combination of temporary and permanent grassing will be used to protect slopes as construction progresses. **Should a disturbed area be left undisturbed for 14 days or more, temporary or permanent vegetation will be placed within 7 calendar days.**

STRUCTURAL CONTROLS: Gravel construction entrance/exit will be installed near Stations 145+50, 159+50, 164+50 & 172+50. Riprap ditch checks will be constructed at Stations 144+50, 151+75, 162+00 & 166+25. The Concrete washout area will be at Stations 140+25, 152+00 & 168+50.

HOUSEKEEPING PRACTICES: Structural BPM's will be cleaned out when sediment reaches 1/3 to 1/2 of the height of the BMP. Maintenance and repair of equipment will be performed off-site, material wash out will occur either off-site or within designated wash out areas.

POST-CONSTRUCTION CONTROL MEASURES: As construction is completed, permanent vegetative growth will be established on disturbed soils to improve soil stability and provide a buffer zone for loose material. Paved ditches and flumes will be placed as specified in the ECP to reduce erosion in concentrated flow areas and rip rap will be placed as specified to dissipate flow energy and reduce flow velocity.

IMPLEMENTATION SEQUENCE

Perimeter controls will be installed first. Clearing and grubbing will be performed in 19-acre sections beginning at the BOP and temporary grassing will be installed as needed. Temporary erosion control BMP's will be installed at the drainage structures prior/during construction of the drainage structures. Grading activities will commence at the BOP and proceed towards the EOP, fill slopes will be permanently grassed in stages for fill heights that exceed 5 feet. Base materials will be installed on completed grading sections with the paving to follow.

MAINTENANCE PLAN

All erosion and sediment control practices will be checked for stability and operation following every rainfall but in no case less than once every week. Any needed repairs will be made immediately to maintain all practices as designed. Sediment basins will be cleaned out when the level of sediment reaches 2.0 feet below the top of the riser. Sediment will be removed from behind BMP's when it becomes about 1/3 to 1/2 height of BMP.

Prime Contractor's Signature _____ Date _____

Printed Name _____ Title _____

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-108-38

CODE: (SP)

DATE: 04/18/2016

SUBJECT: Prosecution and Progress

Section 108, Prosecution and Progress, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-108.01--Subletting of Contract.

907-108.01.1--General. At the end of the last paragraph of Subsection 108.01.1 on page 73, add the following.

The Engineer will have the authority to suspend the work wholly or in part and to withhold payments because of the Contractor's failure to make prompt payment within 15 calendar days as required above, or failure to submit the required OCR-484 Form, Certification of Payments to Subcontractors, which is also designed to comply with prompt payment requirements.

907-108.02--Notice To Proceed. Delete the second paragraph of Subsection 108.02 on page 75 and substitute the following.

The anticipated date of the Notice to Proceed (NTP) / Beginning of Contract Time (BCT) will be specified in the proposal.

Delete the fourth paragraph of Subsection 108.02 on page 75 and substitute the following.

Upon written request from the Contractor and if circumstances permit, the Notice to Proceed may be issued at an earlier date subject to the conditions stated therein. The Contractor shall not be entitled to any monetary damages or extension of contract time for any delay claim or claim of inefficiency occurring between the early issuance Notice To Proceed date and the Notice to Proceed date stated in the contract.

907-108.03--Prosecution and Progress. Delete Subsection 108.03.1 on pages 75 & 76, and substitute the following.

907-108.03.1--Progress Schedule. On working day projects, the Department will furnish the Contractor a progress schedule developed for the determination of contract time which may be used as the contract progress schedule, or the Contractor's own proposed progress schedule may be submitted for approval. If the Contractor elects to furnish a progress schedule for approval by the Engineer, it should be furnished promptly after award of the contract.

On completion date projects which include A + B projects, the Contractor shall furnish a progress schedule and be prepared to discuss both its proposed methodologies for fulfilling the scheduling requirements and its sequence of operations.

On projects using A + C bidding, the Contractor shall furnish a progress schedule and be prepared to discuss both its proposed methodologies for fulfilling the scheduling requirements and its sequence of operations.

The Engineer will review Contractor prepared progress schedules and approve schedules as it relates to compliance with the specifications and logic. The progress schedule must be approved by the Engineer prior to commencing work. The progress schedule shall be a computer generated bar-chart type schedule meeting the below minimum requirements. These activities shall be significantly detailed enough to communicate the Contractor's understanding of the construction sequencing and phasing of the project.

When preparing the progress schedule, the Contractor shall include the following:

- Show a time scale to graphically show the completion of the work within contract time.
- Define and relate activities to the contract pay items.
- Show all activities in the order the work is to be performed including submittals, submittal reviews, fabrication and delivery.
- Show all activities that are controlling factors in the completion of the work.
- Show the time needed to perform each activity and its relationship in time to other activities.

This progress schedule shall provide a bar for each major phase of construction such as, but not limited to, clearing and grubbing, grading, drainage structures, bridges, base, shoulders, paving, etc. with an estimated start working day and completion working day for each bar, all within the specified contract time.

A revised progress schedule may be required within ten days of the occurrence of any one of the following conditions:

- when a major change occurs in the work
- when a time extension is granted
- when the progress schedule becomes unrealistic

The Engineer's approval of the aforementioned Progress Schedules does not waive any contract requirements.

In the event the Contractor has not submitted an approvable progress schedule by the beginning of contract time, the progress schedule prepared by the Department shall be the approved progress schedule and used to assess contract time.

An approved progress schedule shall be in effect until the date on which a revised schedule is approved. The approved progress schedule will be the basis for contract time assessment.

When a Critical Path Method (CPM) schedule is required in the proposal, this schedule will be used in lieu of the bar graph progress schedule in evaluating work progress. In such case, the same time frame noted in this subsection for the original submittal along with the update requirements will apply.

907-108.03.2--Preconstruction Conference. Delete the first paragraph of Subsection 108.03.2 on page 76 and substitute the following.

Prior to commencement of the work, a preconstruction conference shall be held for the purpose of discussing with the Contractor essential matters pertaining to the prosecution and satisfactory completion of the work. The Contractor will be responsible for scheduling the preconstruction conference. The Contractor will advise the Project Engineer in writing 14 days prior to the requested date that a conference is requested. When the contract requires the Contractor to have a certified erosion control person, the Contractor's certified erosion control person shall be at the preconstruction conference. The Department will arrange for utility representatives and other affected parties to be present.

Delete the third paragraph of Subsection 108.03.2 on page 76.

907-108.06--Determination and Extension of Contract Time. Delete Subsections 108.06.1 and 108.06.2 on pages 79 thru 85 and substitute the following.

907-108.06.1--Based on Working Day Completion.

907-108.06.1.1--General. Contract Time will be established on the basis of an allowable number of Working Days, as indicated in the contract. A working day is defined as a day the Contractor worked or could have worked in accordance with the conditions set forth in Subsection 907-108.06.1.2, Subparagraphs (a) and (b), except during the months of December, January, and February.

During the months of December, January, and February, time will be assessed in the miscellaneous phase regardless of whether or not the Contractor actually works. The value for the time on any particular day will be determined by dividing the number of anticipated working day shown in the following table by the number of days in the particular month. This number will be expressed to three decimal places (0.000)

The span of time allowed for the completion of the work included in the contract will be indicated in the contract documents and will be known as "Contract Time".

907-108.06.1.2--Contract Time. The following TABLE OF ANTICIPATED WORKING DAYS indicates an average/anticipated number of working days per month.

TABLE OF ANTICIPATED WORKING DAYS

Month	Working Days
January	6
February	7
March	11
April	15
May	19
June	20
July	21
August	21
September	20
October	16
November	11
December	5
Calendar Year	172

NOTE: The above Table is for informational purposes only. The actual working day total as assessed by the Project Engineer on Form CSD-765 shall govern.

On projects other than A + C projects, available working days will start being assessed at the original Notice to Proceed/Beginning of Contract Time date shown in the contract documents, regardless of whether or not the Contractor has been issued an early Notice to Proceed. On A + C projects, available working days will start being assessed at the original Notice to Proceed/Beginning of Contract Time date shown in the contract documents, or the earlier Notice to Proceed/Beginning of Contract Time date if an early Notice to Proceed is allowed.

Available working days will be based on soil and weather conditions and other specific conditions cited in the contract. The Engineer will determine on each applicable day the extent to which work in progress could have been productive, regardless of whether the Contractor actually worked.

An available working day will be assessed as follows:

(a) any day of the week, Monday through Friday, exclusive of legal holidays recognized by the Department in Subsection 108.04.1, in which the Contractor works or could have worked for more than six (6) consecutive hours on the controlling item(s) of work, as determined by the Engineer from the approved progress schedule. When the Contractor works or could work more than four but less than six consecutive hours, one-half (0.5) of an available work day will be charged for that day. When the Contractor works or could work six or more consecutive hours during the day, one (1.0) available work day will be charged for that day, and

(b) any Saturday, exclusive of legal holidays recognized by the Department in Subsection 108.04.1, in which the Contractor works for more than six (6) consecutive hours on the controlling item(s) of work, as determined by the Engineer from the approved progress schedule.

When the Contractor works less than four consecutive hours during the day, no time will be charged for that day. When the Contractor works more than four but less than six consecutive hours, one-half (0.5) of an available work day will be charged for that day. When the Contractor works six or more consecutive hours during the day, one (1.0) available work day will be charged for that day.

Should the weather or other conditions be such that four (4) consecutive satisfactory hours are not available prior to noon (for daytime operations) or midnight (for nighttime operations), no time will be assessed for that day regardless of the above conditions. However, if the Contractor elects to work, time will be assessed in accordance with the previous paragraph.

Time will not be charged during any required waiting period for placement of permanent pavement markings as set forth in Subsection 618.03 provided all other work is complete except growth and coverage of vegetative items as provided in Subsection 210.01.

Each month the Engineer will complete, and furnish to the Contractor, an "Assessment Report of Working Days" (CSD-765). This report shows the number of working days assessed during the estimate period and the cumulative working days assessed to date. The Contractor should review the Engineer's report as to the accuracy of the assessment and confer with the Resident or Project Engineer to rectify any differences. Each should make a record of the differences, if any, and conclusions reached. In the event mutual agreement cannot be reached, the Contractor will be allowed a maximum of 15 calendar days following the ending date of the monthly report in question to file a protest Notice of Claim in accordance with the provisions of Subsection 105.17. Otherwise, the Engineer's assessment shall be final unless mathematical errors of assessment are subsequently found to exist, and any claim of the Contractor as to such matter shall be waived.

The Contractor's progress will be determined monthly at the time of each progress estimate and will be based on the percentage of money earned by the Contractor compared to the percentage of elapsed time.

The percentage of money earned will be determined by comparing the total money earned to-date by the Contractor, minus any payment for advancement of materials, to the total dollar amount of the contract. The percentage of time elapsed will be determined by comparing the working days assessed to-date on Form CSD-765 to the total allowable working days for the contract.

When the "percent complete" lags more than 20 percent behind the "percentage of elapsed time", the Contractor shall immediately submit a written statement and revised progress schedule indicating any additional equipment, labor, materials, etc. to be assigned to the work to ensure completion within the specified contract time. When the "percent complete" lags more than 40 percent behind the "percentage of elapsed time", the contract may be terminated.

907-108.06.1.3--Extension of Time. The Contractor may, prior to the expiration of the Contract Time, make a written request to the Engineer for an extension of time with a valid justification for the request. The Contractor's plea that insufficient time was specified is not a valid reason for extension of time.

An extension of contract time may be granted for unforeseen utility delays, abnormal delays caused solely by the State or other governmental authorities, or unforeseeable disastrous phenomena of nature of the magnitude of earthquakes, hurricanes, named tropical storms, tornadoes, or flooded essential work areas which are deemed to unavoidably prevent prosecuting the work.

The span of time allowed in the contract as awarded is based on the quantities used for comparison of bids. If satisfactory fulfillment of the contract requires performance of work in greater quantities than those set forth in the proposal, the time allowed for completion shall be increased in Working Days in the same ratio that the cost of such added work, exclusive of the cost of work altered by Supplemental Agreement for which a time adjustment is made for such altered work in the Supplemental Agreement, bears to the total value of the original contract unless it can be established that the extra work was of such character that it required more time than is indicated by the money value.

Any extension of contract time will be on a working day basis.

The Contractor shall provide sufficient materials, equipment and labor to guarantee the completion of the work in the contract in accordance with the plans and specifications within the Contract Time.

If the contract time of the project is extended into a season of the year in which completion of certain items of work would be prohibited or delayed because of seasonal or temperature limitations, the Engineer may waive the limitations provided the completion of the work will not result in a reduction in quality. When determined that the completion of the out-of-season items will cause a reduction in the quality of the work, the completion of the project will be further extended so the items may be completed under favorable weather conditions. In either case, the Engineer will notify the Contractor in writing.

Liquidated damages as set forth in Subsection 907-108.07 under the heading "Daily Charge Per Calendar Day" in the Table titled "Schedule of Deductions for Each Day of Overrun in Contract Time", shall be applicable to each calendar day after the specified completion date, or authorized extension thereof, and until all work under the contract is completed.

907-108.06.1.4--Cessation of Contract Time. When the Engineer by written notice schedules a final inspection, time will be suspended until the final inspection is conducted and for an additional 14 calendar days thereafter. If after the end of the 14-day suspension all necessary items of work have not been completed, time charges will resume. If the specified completion date had not been reached at the time the Contractor called for a final inspection, the calendar day difference between the specified completion date and the date the Contractor called for a final inspection will be added after the 14-day period before starting liquidation damages. If a project is on liquidated damages at the time a final inspection is scheduled, liquidated damages will be suspended until the final inspection is conducted and for seven (7) calendar days thereafter. If after the end of the 7-day suspension all necessary items of work have not been completed, liquidated damages will resume. When final inspection has been made by the Engineer as prescribed in Subsection 105.16 and all items of work have been completed, the daily time charge will cease.

907-108.06.2--Based on Specified Completion Date.

907-108.06.2.1--General. Contract Time will be established on the basis of a Specified Completion Date indicated in the Contract, or as determined by the Contractor in accordance with the contract documents. The span of time allowed for the completion of the work included in the contract will be known as "Contract Time".

For contracts in which a Specified Completion Date is indicated in the Contract, the span of Contract Time shall be between the date of the Beginning of Contract Time and the Specified Completion Date indicated in the Contract.

For contracts in which a Completion Date is determined by the Contractor (A + B Contracts), the span of Contract Time shall be between the date of the Beginning of Contract Time and the date representing the number of Calendar Days determined by the Contractor to complete the work.

The Contractor shall provide sufficient materials, equipment and labor to guarantee the completion of the work in the contract in accordance with the plans and specifications within the Contract Time.

At any given date, the ratio of the accumulated monetary value of that part of the work actually accomplished to the total contract bid amount adjusted to reflect approved increases or decreases shall determine the "percent complete" of the work.

The Contractor's progress will be determined monthly at the time of each progress estimate and will be based on the percentage of money earned by the Contractor compared to the percentage of elapsed time.

The percentage of money earned will be determined by comparing the total money earned to-date by the Contractor, minus any payment for advancement of materials, to the total dollar amount of the contract. The percentage elapsed time shall be calculated as a direct ratio of the expired Calendar Days to the total Calendar Days provided for in the contract.

When the "percent complete" lags more than 20 percent behind the "percentage of elapsed time", the Contractor shall immediately submit a written statement and revised progress schedule indicating any additional equipment, labor, materials, etc. to be assigned to the work to ensure completion within the specified contract time. When the "percent complete" lags more than 40 percent behind the "percentage of elapsed time", the contract may be terminated.

907-108.06.2.2--Extension of Time. The Contractor may, prior to the expiration of the Contract Time, make a written request to the Engineer for an extension of time with a valid justification for the request. The Contractor's plea that insufficient time was specified is not a valid reason for extension of time.

On all completion date contracts, an extension of contract time may be granted for unforeseen utility delays, abnormal delays caused solely by the State or other governmental authorities, or unforeseeable disastrous phenomena of nature of the magnitude of earthquakes, hurricanes, named

tropical storms, tornadoes, or flooded essential work areas which are deemed to unavoidably prevent prosecuting the work.

The span of time allowed in the contract as awarded is based on the quantities used for comparison of bids. If satisfactory fulfillment of the contract requires performance of work in greater quantities than those set forth in the proposal, the time allowed for completion shall be increased in Calendar Days in the same ratio that the cost of such added work, exclusive of the cost of work altered by Supplemental Agreement for which a time adjustment is made for such altered work in the Supplemental Agreement, bears to the total value of the original contract unless it can be established that the extra work was of such character that it required more time than is indicated by the money value.

Any extension of contract time will be based on a calendar day basis, excluding Saturdays, Sundays or legal holidays recognized by the Department in Subsection 108.04.1.

If the contract time of the project is extended into a season of the year in which completion of certain items of work would be prohibited or delayed because of seasonal or temperature limitations, the Engineer may waive the limitations provided the completion of the work will not result in a reduction in quality. When determined that the completion of the out-of-season items will cause a reduction in the quality of the work, the completion of the project will be further extended so the items may be completed under favorable weather conditions. In either case, the Engineer will notify the Contractor in writing.

Liquidated damages as set forth in Subsection 907-108.07 under the heading "Daily Charge Per Calendar Day" in the Table titled "Schedule of Deductions for Each Day of Overrun in Contract Time", shall be applicable to each calendar day after the specified completion date, or authorized extension thereof, and until all work under the contract is completed.

907-108.06.2.3--Cessation of Contract Time. When the Engineer by written notice schedules a final inspection, time will be suspended until the final inspection is conducted and for an additional 14 calendar days thereafter. If after the end of the 14-day suspension all necessary items of work have not been completed, time charges will resume. If the specified completion date had not been reached at the time the Contractor called for a final inspection, the calendar day difference between the specified completion date and the date the Contractor called for a final inspection will be added after the 14-day period before starting liquidation damages. If a project is on liquidated damages at the time a final inspection is scheduled, liquidated damages will be suspended until the final inspection is conducted and for seven (7) calendar days thereafter. If after the end of the 7-day suspension all necessary items of work have not been completed, liquidated damages will resume. When final inspection has been made by the Engineer as prescribed in Subsection 105.16 and all items of work have been completed, the daily time charge will cease.

907-108.07--Failure to Complete the Work on Time. Delete the Schedule of Deductions table in Subsection 108.07 on page 85, and substitute the following.

Schedule of Deductions for Each Day of Overrun in Contract Time

Original Contract Amount		Daily Charge Per Calendar Day
From More Than	To and Including	
\$ 0	100,000	\$ 150
100,000	500,000	360
500,000	1,000,000	540
1,000,000	5,000,000	830
5,000,000	10,000,000	1,200
10,000,000	20,000,000	1,800
20,000,000	-----	3,500

907-108.10--Termination of Contractor's Responsibility. In the last sentence of Subsection 108.10 on page 88, change "bond" to "performance and payment bond(s)".

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

| SPECIAL PROVISION NO. 907-109-8

CODE: (SP)

| DATE: 09/10/2015

SUBJECT: Measurement and Payment

Section 109, Measurement and Payment, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-109.01--Measurement of Quantities. Delete the third full paragraph of Subsection 109.01 on page 90 and substitute the following.

When requested by the Contractor, material specified to be measured by the cubic yard or ton may be converted to the other measure as appropriate. Factors for this conversion will be determined by the District Materials Engineer and agreed to by the Contractor. The conversion of the materials along with the conversion factor will be incorporated into the contract by supplemental agreement. The supplemental agreement must be executed before such method of measurement is used.

After the second sentence of the fourth full paragraph of Subsection 109.01 on page 90, add the following.

Where loose vehicle measurement (LVM) is used, the capacity will be computed to the nearest one-tenth cubic yard and paid to the whole cubic yard. Measurements greater than or equal to nine-tenths of a cubic yard will be rounded to the next highest number. Measurements less than nine-tenths of a cubic yard will not be rounded to the next highest number. Example: A vehicle measurement of 9.9 cubic yards will be classified as a 10-cubic yard vehicle. A vehicle measurement of 9.8 cubic yards will be classified as a 9-cubic yard vehicle.

907-109.04--Extra and Force Account Work. Delete the first paragraph under Subsection 109.04 on page 91, and substitute the following.

When extra work results for any reason and is not handled as prescribed elsewhere herein, the Engineer and the Contractor will attempt to agree on equitable prices. When such prices are agreed upon, a Supplemental Agreement will be issued by the Engineer.

When the Supplemental Agreement process is initiated, the Contractor will be required to submit to the Engineer a detailed breakdown for Material, Labor, Equipment, Profit and Overhead. The total allowable markup (which includes Prime Contractor and Subcontractor work, if applicable) for Supplemental Agreement work shall not exceed 20%, which also includes tax and bond.

The requirement for detailed cost breakdowns may be waived when a Department's Bid Item History exists for the proposed item(s), and the Contractor's requested price, including mark-up, is within 20% of the Department's Bid History cost for that item(s). In any case, the Department reserves the right to request detailed cost breakdowns from the Contractor on any Supplemental Agreement request.

When equitable prices cannot be agreed upon mutually by the Engineer and the Contractor, the Engineer will issue a written order that work will be completed on a force account basis to be compensated in the following manner:

In the last sentence of subparagraph (b) in Subsection 109.04 on page 91, change "bond" to "bond(s)".

Delete the first and second paragraphs of subparagraph (d) in Subsection 109.04 on page 92 and substitute the following.

Equipment. For any machinery or special equipment, other than small tools, authorized by the Engineer, the Contractor will use the rates shown in the book entitled "Rental Rate Blue Book For Construction Equipment" as published by EquipmentWatch® and is current at the time the force account work is authorized, unless otherwise allowed by the Engineer. This book shall 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.

907-109.06--Partial Payment.

907-109.06.1--General. Delete the fourth and fifth sentences of the third paragraph of Subsection 109.06.1 on page 94, and substitute the following.

In the event mutual agreement cannot be reached, the Contractor will be allowed a maximum of 25 calendar days following the Contractor's receipt of the monthly estimate in question to file in writing, a protest Notice of Claim in accordance with the provisions Subsection 105.17. Otherwise, the Engineer's estimated quantities shall be considered acceptable pending any changes made during the checking of final quantities.

907-109.06.2--Advancement on Materials. Delete Subsection 109.06.2 on pages 94 & 95, and substitute the following.

907-109.06.2--Advancement on Materials. Partial payments may include advance payment for certain nonperishable or durable materials such as base aggregates, reinforcing steel, bridge piling, structural steel, prefabricated bridge components, traffic signal equipment, electrical equipment, fencing materials, and sign materials with approval of the Engineer. Advance payment may be requested for structural steel members provided fabrication has been completed and the members have been declared satisfactory for storage by a Department representative. The Contractor must make a written request to the Project Engineer for advanced payment and furnish written consent of the Surety. To qualify for advance payment, materials must be stored or stockpiled on or near the project or at other locations approved by the Engineer; or in the case of precast concrete members, treated timber, guard posts and other approved preprocessed durable and bulky materials, the materials may be stored at the commercial producer's yard provided it is located in Mississippi; or in the case of prestressed concrete members that may

require being produced at an out-of-state location, the prestress members shall be produced and may be stored at the commercial manufacturer's yard provided it is a PCI certified plant on the Department's List of Approved Prestress & Precast Plants and it is located within the continental United States; or in the case of structural steel members that may require fabrication at an out-of-state location, the fabricated members may be stored at the location of the commercial fabricator's yard provided it is located within the continental United States.

Advancements will not be allowed until the Project Engineer has received copies of material invoices and certified test reports or acceptable certificates of conformance, and in the case of materials stored at the commercial producer's/fabricator's yard, the material shall be positively identified for the specific project and a Certificate of Storage issued by the Department or a designated representative of the Department. Requests for advancements on fabricated structural steel members and prestress concrete members stored out-of-state will be denied when the Department does not have available a designated representative to issue a Certificate of Storage.

The Contractor shall make suitable arrangements to the satisfaction of the Engineer for storage and protection at approved sites or, in the case of materials stored at the commercial producer's yard located in Mississippi or, in the case of fabricated structural steel members stored at the commercial fabricator's yard or prestress concrete members stored at a commercial manufacturer's yard located within the continental United States, the Contractor shall make arrangements with the producer/fabricator for suitable storage and protection. If advanced payment is allowed and the materials are damaged, lost, destroyed or for any reason become unacceptable, the previous payments will be deducted from subsequent estimates until the materials are replaced or restored to an acceptable condition. In all cases, the Contractor shall save harmless the Commission in the event of loss or damage, regardless of cause.

An invoice or an accumulation of invoices for each eligible material must total \$10,000 or more before consideration will be given for making advanced payment. When allowed, advance payment will be based on verified actual material cost plus transportation charges to the point of storage. Sales tax, local haul and handling costs shall not be included as material cost.

Advanced payment shall not exceed 100% of the invoice price or 75% of the total contract bid price for the pay item, whichever is less.

Advanced payment for a component of a pay item shall not exceed 95% of the invoice price or 75% of the total contract bid price for the pay item of which the material is a part, whichever is less.

Advanced payment will be made only on materials that will be incorporated permanently in the project.

No advanced payment will be made on minor material items, hardware, etc.

No advanced payment will be made for materials when it is anticipated that those materials will be incorporated into the project within 60 calendar days.

Advanced payment will be paid for those materials which are not readily available, and which can be easily identified and secured for a specific project and for which lengthy stockpiling periods would not be detrimental.

Where a storage area is used for more than one project, material for each project shall be segregated from material for other projects, identified, and secured. Adequate access for auditing shall be provided. All units shall be stored in a manner so that they are clearly visible for counting and/or inspection of the individual units.

Unless specifically provided for in the contract, advance payment will not be made on materials, except for fabricated structural steel members or prestress concrete members, stored or stockpiled outside of the State of Mississippi.

Materials for which an advanced payment has been allowed must be paid for by the Contractor within 60 days of the estimate on which the advanced payment was first allowed and proof of said payment must be verified by the supplier. If proof of payment is not furnished within the allowable 60 days, the advanced payment will be deducted on subsequent current estimates until such time proof of payment is furnished.

As the materials are incorporated into the work, proportionate reductions for advance payments shall be made from monthly estimates covering the work performed. Calculation of percentage of completion, or rate of progress, shall be based on completed work and no consideration will be given to stockpiled materials.

907-109.07--Changes in Material Costs. Delete the third full paragraph of Subsection 109.07 on page 96 and substitute the following.

A link to the established base prices for bituminous products and fuels will be included in the contract documents under a Notice to Bidders entitled "Petroleum Products Base Prices."

Delete the last paragraph of Subsection 109.07 on pages 97 & 98, and substitute the following.

Adjustments herein provided shall not apply to fuels consumed or materials incorporated into the work during any monthly estimate period falling wholly after the expiration of contract time as defined in Subsection 101.02 of the applicable Mississippi Standard Specifications for Road and Bridge Construction, and as determined by checked final quantities.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

| SPECIAL PROVISION NO. 907-110-2

CODE: (SP)

| DATE: 04/02/2010

SUBJECT: Wage Rates

Section 110, Required Contract Provisions, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

907-110.02--Application. Delete Subsection 110.02.2 on page 100 and substitute the following.

907-110.02.2--Wage Rates. All persons employed or working upon the site of the work will be paid at wage rates not less than those contained in the wage determination decision of the Secretary of Labor in effect 10 days prior to taking bids.

| Bidders are advised that regardless of the wage rates listed in the Supplement to FHWA 1273 in the contract, minimum federal wage rates must be paid.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-216-1

CODE: (IS)

DATE: 05/22/2013

SUBJECT: Solid Sodding

Section 216, Solid Sodding, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-216.04--Method of Measurement. Delete the third and fourth paragraphs of Subsection 216.04 on page 144.

907-216.05--Basis of Payment. Delete the first paragraph of Subsection 216.05 on pages 144 and 145, and substitute the following.

Solid sodding will be paid for at the contract unit price per square yard, which price shall be full compensation for all labor, equipment, materials, tools, ground preparation, fertilization, and all incidentals necessary to complete the work.

Add the "907" prefix to the pay items listed on page 145.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

| SPECIAL PROVISION NO. 907-230-11

CODE: (SP)

| DATE: 11/24/2014

SUBJECT: Tree and Shrub Planting

Section 230, Tree and Shrub Planting, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-230.2--Materials. Delete Subsection 230.02.14 on page 165 and substitute the following:

907-230.02.14--Mulch. Tree Bark Mulch shall meet the requirements of Subsection 907-233.02.

907-230.02.15--Bed Edging. Bed edging shall be steel edging, 3/16-inch by 4-inch in size, green in color with steel stakes, manufactured by Ryerson, an Inland Steel Company, St. Louis, Mo., or an approved equal.

907-230.03--Construction Requirements.

907-230.03.7--Planting, Backfilling, and Watering. After the first paragraph of Subsection 230.03.7 on page 166, add the following:

Plant pits are plant bed areas which are bound all around by bed edging and/or paving, or as noted on the drawings. Bed preparation shall be required within plant pits, which shall consist of stripping the proposed bed area of existing grass or plant material, unless designated to remain; removal and disposal of existing soil in order that finished grade of bed, not including surface mulch, is no higher than surrounding grades/pavement edges unless noted otherwise on the drawings; spreading a 4-inch layer of Tree Bark Mulch, Type III throughout the area, and tilling in the Tree Bark Mulch, Type III to a depth of six inches uniformly throughout the area; and excavating plant holes in accordance with this special provision. The entire bed area shall receive Tree Bark Mulch, Type V as a surface mulch.

Within plant pits, additional Tree Bark Mulch, Type III for each tree, shrub and groundcover plant hole is not necessary beyond the uniform layer of application tilled into the soil as noted on the vegetation schedule. Within each tree and shrub plant hole within a plant pit, backfill with a 50/50 mix of existing soil amended with Type III mulch and topsoil. Groundcover plant holes do not require any other backfill material other than the amended existing soil with Type III mulch incorporated.

Backfill for tree and shrub plant holes outside of plant pits shall be a 50/50 mix of existing soil and topsoil, after applying the 4-inch layer of Tree Bark Mulch, Type III.

907-230.04--Method of Measurement. After the sixth paragraph of Subsection 230.04 on page 169, add the following:

Bed edging, complete in place and accepted, will be measured per linear foot. Excavation, backfilling, and miscellaneous fittings will not be measured for separate payment.

Bed preparation within plant pits, complete in place and accepted, will be measured per square foot. Stripping of existing vegetation, excavation of existing soil, and weeding will not be measured for separate payment.

Tree Bark Mulch will be measured for payment in accordance with Subsection 233.04.

Delete the last five paragraphs of Subsection 230.04 on pages 169 & 170 regarding the sequence for measurement of payment and substitute the following:

Measurement for payment will be made in the following sequence:

When plants have been planted and are in a healthy condition in accordance with the contract, seventy-five percent (75%) of the bid price for that species of plant material meeting the requirements of the contract will be allowed.

When the inspection of plants at the end of the growing season has been conducted and the replacement of any dead or unsatisfactory plant material has been made, ninety percent (90%) of the bid price for that species of plant material meeting the requirements of the contract will be allowed.

When the final inspection of the project has been conducted and the replacement of any dead or unsatisfactory plant material has been made, and upon final release of maintenance, one-hundred percent (100%) of the bid price will be allowed for plant material meeting the requirements of the contract.

The Plant Establishment Period shall begin upon the date that the Engineer determines plant material installation has been acceptably completed, including staking/guying and mulching, and continues through the dates noted below:

PLANT ESTABLISHMENT PERIOD

Date of Installation Completion, From and Including	Establishment Period Beyond Installation Completion, (Growing Season) To and Including
August 2 nd - November 1 st	240 calendar days
November 2 nd - January 1 st	180 calendar days
January 2 nd - May 1 st	120 calendar days
May 2 nd - August 1 st	90 calendar days

Where feasible in the opinion of the Engineer, the Contractor may install plant material well in advance of project completion, in order that the Plant Establishment Period may run concurrent

with the Contract Time. However, no matter what date the Plant Establishment Period concluded, the Contractor will be required to maintain healthy plants until final inspection of the entire project.

No contract time or liquidated damages will be charged during the plant establishment period if, and only if, all items of work on the project have been completed.

907-230.05--Basis of Payment. After the first paragraph of Subsection 230.05 on page 170, add the following:

Accepted quantities for bed edging and bed preparation will be paid for at the contract unit price per linear foot and square foot, respectively. Prices paid shall be full compensation for completing the work.

Delete the pay items list at the end of Subsection 230.05 on page 170, and substitute the following.

- | | |
|---|-------------------|
| 907-230-A: Shrub Planting, <u>Description</u> | - per each |
| 907-230-B: Tree Planting, <u>Description</u> | - per each |
| 907-230-C: Bed Edging | - per linear foot |
| 907-230-D: Bed Preparation | - per square foot |

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-233-1

CODE: (SP)

DATE: 02/01/2005

SUBJECT: Tree Bark Mulch

Section 233, Mulch for Woody Plant Material, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-233.02--Materials. After the first paragraph of Subsection 233.02 on page 176, add the following:

Tree Bark Mulch, Type III used for plant pits (multiple plants in one bed area) and plant holes outside of plant pit areas shall meet the requirements of Subsection 715.07. Tree Bark Mulch, Type V used for the surface mulching plant holes and plant pits shall be shredded cedar, cypress, pine, or hardwood bark strip (pole peelings), commercial type, with no pieces larger than 1½ inches across the surface. Once or twice hammered material is not acceptable for Tree Bark Mulch, Type V. The Contractor shall submit samples of all mulches to the Engineer and receive approval prior to delivery to site.

907-233.04--Method of Measurement. After the first paragraph of Subsection 233.04 on page 176, add the following:

Tree Bark Mulch, Type III, complete in place and accepted, will be measured per cubic yard for tree plant holes and for shrub plant holes outside of plant pit areas.

Tree Bark Mulch, Type V, complete in place and accepted, will be measured per cubic yard for tree and shrub plant holes outside of plant pit areas requiring bed preparation; and in unplanted areas where the mulch is utilized as a surface treatment. Tree Bark Mulch, Type V within plant pit areas will not be measured for payment.

907-233.05--Basis of Payment. After the first paragraph of Subsection 233.04 on page 176, add the following:

Accepted quantities for Tree Bark Mulch, Type V used as a surface mulch for tree and shrub plant holes not within plant pit areas, and in unplanted areas as a surface treatment will be paid for at the contract unit price per cubic yard. Prices paid shall be full compensation for completing the work.

Delete the first pay item listed on page 176, and substitute the following:

907-233-A: Tree Bark Mulch, Type

- per cubic yard

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

| SPECIAL PROVISION NO. 907-237-4

CODE: (SP)

| DATE: 03/13/2012

SUBJECT: Wattles

Section 907-237, Wattles, is hereby added to and made a part of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction as follows.

SECTION 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 diameter of twelve inches (12") and a length adequate to meet field conditions. Wattles used at other locations shall have a diameter of twenty inches (20") and a length adequate to meet field conditions. The minimum diameter for the above wattle sizes shall be one inch (1") less than the specified diameter.

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 this 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.

907-237.04--Method of Measurement. Wattles of the size specified will be measured per linear foot.

907-237.05--Basis of Payment. Wattles, measured as prescribed above, will be paid for at the contract unit price per linear foot, which price shall be full compensation for installation, maintaining and removal of the wattles, the removal and disposal of silt accumulations and any required restoration of the disturbed areas.

Payment will be made under:

907-237-A: Wattles, Size

- per linear foot

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-246-3

CODE: (SP)

DATE: 11/08/2010

SUBJECT: Sandbags and Rockbags

Section 907-246, Sandbags and Rockbags, is hereby added to and made a part of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction as follows.

SECTION 907-246 -- SANDBAGS AND ROCKBAGS

907-246.01--Description. This item of work shall consist of the furnishing, installing, and maintaining sandbags and rockbags for the purpose of temporary erosion control by intercepting and slowing the flow of sediment-laden runoff water, or for use as a temporary dam.

907-246.02--Materials. The filler material for sandbags shall consist of a fine aggregate meeting the requirements of Subsection 703.02. The filler material for rockbags shall consist of a size 57 aggregate meeting the requirements of Subsection 703.03.

The bag material shall be woven polypropylene, polyethylene or polyamide fabric with a minimum unit weight of four (4) ounces per square yard. The bags shall be a minimum of 21 inches in length, 12 inches in width, and four (4) in thickness when filled.

907-246.03--Construction Requirements. Sandbags and rockbags shall be used to construct a berm/dam which will intercept sediment-laden storm water runoff from disturbed areas, create a retention pond, detain sediment, and release water in sheet flow. Sand or rock shall be placed in the bag so that at least the top six (6) inches of the bag is unfilled to allow for proper tying of the open end. Any subsequent rows of bags shall be offset one-half the length of the preceding row to provide a layered brick-type arrangement.

The sandbag and rockbag berm/dam installation shall be maintained in good condition by the Contractor. All necessary work and materials to maintain the integrity of the installation shall be provided until earthwork construction is complete and permanent erosion-control features are in place. The maintenance of the bags will not be paid for separately and will be included in the cost for sandbags or rockbags.

907-246.04--Method of Measurement. Sandbags and rockbags will be measured per linear foot or each.

Sandbags and rockbags measured by the linear foot shall be in accordance with the details in the erosion control drawing. The length of the sandbag or rockbag berm/dam will be measured end-to-end along the cross-section of the ditch in accordance with the erosion control drawing.

907-246.05--Basic of Payment. Sandbags and rockbags, measured as prescribed above, will be

paid for per linear foot or each, which prices shall be full compensation for furnishing bags, fine aggregate, size 57 aggregate, placement of bags, maintenance of the installation, removal and disposal of the sediment deposits and removal after construction has been completed, and for all labor, tools, equipment and incidentals necessary to complete the work.

Payment will be made under:

907-246-A: Sandbags - per linear foot or each

907-246-B: Rockbags - per linear foot or each

CITY OF HATTIESBURG

SPECIAL PROVISION NO. 907-265-1LPA

CODE: (SP)

DATE: 12/01/08

SECTION 265 - WATER MAINS AND APPURTENANCES

265.01 - Description. The work covered by this section consists of furnishing all labor, equipment and materials and performing all operations in connection with the installation of potable water lines, as indicated on the drawings and as specified herein. The work includes clearing, grubbing, trenching, bedding, pipe laying, backfilling, pipe fittings, valves, hydrants, and all incidental items including testing and disinfection of the completed water lines, which are necessary for installation of the mains and connections to hydrants and existing mains and meters.

265.02 - Materials.

265.02.1 – Bedding/Backfill Material. Class 6, Group C Granular Material for bedding shall be in accordance with Section 703.07 of the *Mississippi Standard Specifications for Road and Bridge Construction, 2004 Edition*. Class 9, Group C Granular Material for select backfill shall be in accordance with Section 703.07 of the *Mississippi Standard Specifications for Road and Bridge Construction, 2004 Edition*.

265.02.2 - Concrete. Concrete shall be MDOT Standard Class B concrete.

265.02.3 - Polyvinyl Chloride (PVC) Pipe. PVC water lines shall be "Blue Brute" (blue in color), or equal, Class 150, DR 18 polyvinyl chloride pipe manufactured in accordance with AWWA C-900 (latest edition) and shall be U.L. listed. Pipe shall be furnished in standard lengths (minimum 20 feet) with integrally cast bells or couplings using elastomeric gaskets that meet the requirements of ASTM D 1869 and F-477. All necessary adapters for connection to fittings shall be provided.

265.02.4 - Ductile Iron Pipe. Ductile iron pipe shall be designed in accordance with AWWA Specification C150 and manufactured in accordance with AWWA Specification C151. Joints shall conform with AWWA Specification C111 or C115 as applicable and shall be of the push on or mechanical type except where flanged joints are indicated on the plans. Where designated on the plans, pipe joints shall be restrained with mechanical restraint devices. Pipe interior shall be cement mortar lined per ANSI A21.4 (AWWA C104). Ductile iron pipe 4" and less in diameter shall be of thickness Class 51. Ductile iron pipe 6" and greater in diameter shall be of thickness Class 50, except pipe with threaded flanges shall be Class 53.

265.02.5 - Fire Hydrants. Hydrants shall be three-way M & H Model 129, Mueller Super Centurion 250, or American Flow Control B-84-B-5, with four and one-half inch (4 1/2") valve opening. The length of the lower barrel on each hydrant shall be appropriate for the depth of the water main. The color shall be chosen by the City conforming to the requirements of AWWA C-502.

265.02.6 - Water Valves. Water valves shall be "resilient seat" or "resilient wedge" type gate valves complying with the requirements of AWWA C509 or AWWA C515. Valves shall be epoxy coated inside and outside in conformance with the requirements of AWWA C550. Valves shall be rated for zero leakage to 200 psi and 400 psi hydrostatic test pressure. Valves shall be furnished with a non-rising stem and shall open by turning a 2 inch square operating nut counterclockwise. Gates shall be encapsulated in rubber where exposed to line velocity and shall be field replaceable. Valve ends shall be flanged or mechanical joint, as appropriate for the connection. Mechanical joints shall be recommended by the manufacturer for use with AWWA C-900 PVC or ductile iron pipe and shall be furnished with MJ retainer glands.

Insertion valves shall be installed in the location determined by the Engineer. Insertion valves shall be opened in the open position under pressure and flow conditions without interruption of water service. Final assembly shall provide for the complete shutoff of the flow of water. Sleeve shall be capable of installation on cast iron, ductile iron, asbestos cement and C900 PVC pipe. Sleeve shall be fabricated in two pieces and shall provide a 360 degree seal around the pipe under all working pressures of the system.

265.02.7 - Valve Boxes. Valve boxes shall be of cast or ductile iron as manufactured by Mueller, Kennedy, M & H or equal. Covers shall be cast or ductile iron with a designation of "WATER" embossed on the topside and shall be of the screw down type. Valve boxes shall be the three-piece type, adjustable in length and suitable for installation in roadway surfaces. Stack pipe for valve box adjustment shall be class 150 DR 18 manufactured in accordance with AWWA C-900 PVC or ductile iron pipe. Adjustment risers shall be cast iron and approved prior to use by the Engineer or his authorized representative.

265.02.8 - Fittings. Fittings for water mains of four inch (4") diameter and larger shall be seal coated cast iron or ductile iron with flanged or mechanical joint ends, as appropriate for each connection. All fittings shall be cement mortar lined per ANSI A21.4 (AWWA C104). Mechanical joints shall be recommended by the manufacturer for use with AWWA C-900 PVC or ductile iron pipe and shall be furnished with MJ retainer glands. Fittings shall be manufactured in accordance with AWWA C110. Fittings for use with ductile iron pipe may be of the push-on type. Fittings for connections between new main and existing mains and pipes shall be specifically designed for interconnection of the lines being joined and will be subject to the approval of the City's Engineer or his authorized representative.

265.02.9 – Water Service Tubing. Water service tubing shall be polyethylene "PE" tubing having copper tube O.D. sizes and complying with ASTM D2737, NSF approved, dimensions to fit standard CTS fittings, SDR 9, 200 psi.

265.02.10 – Water Service Appurtenances. Corporation stops, curb stops, wye fittings, and other required service fittings shall conform to AWWA C800. All connections to service tubing shall be by approved compression type fitting, with stainless steel tubing inserts as recommended by the fitting manufacturer.

Curb valves shall employ a one-piece integral plug with full-opening port and tee head, turning on a plastic thrust washer at the top and sealed by an "O"-ring. Typically, curb valves shall have a CTS x FIP connection for non-metered services. For any existing, metered connection, Contractor shall supply a curb valve having the appropriate fitting to reconnect to the existing meter. Existing meters shall be kept in service until after short/long service connection is complete. See plans for typical installation of water services. The valve body shall be a one-piece brass casting with closed bottom. The inlet and/or outlet port shall be sealed by a second "O"-ring. The design shall include a locking ring designed to permit locking the valve in the closed position, using a standard padlock.

Service saddles are required for all service line connections and shall be ductile iron or brass with double stainless steel bands. Saddles shall be specifically recommended for use with the type of pipe being connected to.

265.02.11 – Water Meter Boxes. Service valve boxes shall be plastic structural foam boxes with plastic lid with hinged reader lid. Box shall measure not less than 10" x 16" (at the top) by 12" deep. Where meters boxes must be located in paved areas (concrete or asphalt), provide cast iron meter boxes similar to Vulcan model V-8402.

265.02.12 – Water Meters. Existing water meter to be relocated unless damaged. Water meters that need replacing to be provided by the City of Hattiesburg.

265.02.13 – Filter Fabric. Geotextile fabric shall be non-woven, needle punched, and weigh a minimum of four ounces (4 oz.) per square yard.

265.02.14 – Mechanical Joint Retainer Glands. MJ retainer glands shall be used for all connections of pipe to fittings, valves, or fire hydrants, and shall be made with a suitable restrained joint system, meeting any one of the following specifications:

1. For Ductile or PVC Pipe, a suitable ductile iron retainer gland, designed and recommended by the gland manufacturer, for the type of pipe used. Gland shall be manufactured entirely of 60-42-10 ductile iron conforming to ASTM A536-80. Glands shall attach to the pipe barrel through a plurality of individually activated gripping surfaces (wedges).
2. For PVC Pipe, a heavy ductile iron or fused epoxy coated structural steel (ASTM A36) clamp which employs serrations on its inside surface to firmly grip the outside of the PVC pipe barrel. Clamp shall be specifically designed and recommended for use with the size and thickness class of pipe used. All hardware shall be ductile iron.
3. For Ductile Pipe only, a ductile iron mechanical joint retainer gland employing cupped-end threaded set screws which conform with the pipe manufacturer's guidelines as to number of set screws and torque to be applied to properly restrain the joint to a rating of not less than 250 p.s.i.

265.02.15 – Pipe Joint Restraints. Pipe Joint Restraints shall be installed where applicable as designated on the Drawings, in all pipe encasements, and for pipe joints within specified distances from fittings per the schedule in Drawings. Use two glands similar in design and materials to the joint retainer glands previously specified, one immediately behind the joint bell and one on the pipe spigot, connected by two or more ductile iron rods spanning across the pipe joint. For ductile iron pipe, it is also permissible to use mechanical joint pipe with restrained retainer gland, or special "lock-ring" pipe joints.

265.02.16 – Locator Wire & Utility Marker Tape. Locator wire for attachment to all non-detectable pipe materials shall be a No. 12 coated solid copper wire.

Underground utility marker tape for burial with all types of pipe shall be a minimum of 5 mils thick and 3 inches in width. Minimum tensile strength shall be 35 pounds and tape shall elongate not less than 80 percent before breaking. Tape shall be permanently imprinted with an appropriate legend to identify the contents of the pipe (e.g. "Water Main Below".)

265.02.17 – Tapping Sleeves & Valves. Tapping sleeves shall be fabricated from heavy Type 304 stainless steel, with a full circumferential seal to the run pipe provided by a rubber gasket resistant to water, salt solutions, mild acids, gases, and sewage. Multiple stainless steel bolts shall ensure uniform sealing. Outlet flange shall conform with ANSI 150 pound drilling, recessed for tapping valve per MSS-SP 60. A 3/4 inch NPT test plug shall be provided. O.D. range of body must match the actual measured O.D. of the pipe being tapped.

Tapping valves shall conform with the requirements for Gate Valves and Valve Boxes on Water Mains, except that the inlet shall be Class 125 Flange and the outlet, Mechanical Joint. The valve opening shall be oversized to permit a cutter head to pass which is 1/2" smaller than the nominal branch pipe size. Valves shall be furnished complete with cast iron sectional valve box, as is specified under "Gate Valves & Valve Boxes" in these Specifications. A retainer gland as is specified under "Water Pipe & Fittings" is required for the connection of the new pipe to the tapping valve.

265.02.18 – Line Stopping. Line stopping shall include all components of the type and size required to plug the existing water main to be tapped. This will be done to facilitate the tap without losing pressure along the existing water main that is to remain in place.

The line stop fitting shall be split mechanical bolt-on type, fabricated from ASTM A-36 carbon steel, epoxy coated with 18-8 type 304 stainless steel nuts, bolts, and washers, and be complete with equalization fittings, blind flange with gaskets, nuts and bolts. Flanges are AWWA 207 Class D, ANSI 150# drilling. Gaskets are compounded for use with water, salt solutions, and mild acids.

265.03 - Construction Requirements.

265.03.1 – Excavation – General. Excavation shall include the clearing of the site of the work, the loosening, loading, removing, transporting and disposing of all pavements, obstructions, and any other materials, wet or dry, above or below ground necessary to be removed to construct all pipes included in this contract to the lines, grades and locations shown on the Drawings. No burying or burning of trees, stumps, roots, or other debris will be allowed.

It is intended that areas designated as “Easement” be cleared only as necessary to allow construction of the facilities. Any trees or shrubs designated on the plans or directed by the Engineer to remain shall be protected from damage.

Low hanging and unsound or unsightly branches on trees or shrubs designated to remain shall be removed as directed. All trimming shall be done by skilled workman and in accordance with good tree surgery practices. An approved asphaltum base paint prepared specifically for tree surgery shall be furnished and applied by Contractor to cut or scarred surfaces on trees or shrubs selected to remain.

Where required, the Contractor shall remove with care all shrubbery, plants, flower planters, flower bed borders, set aside, watered, and kept alive and reset as before construction work. The Contractor shall furnish and install replacement plants which die as a result of construction operations.

In areas where water main will be installed in close proximity to trees designated to remain or any Live Oak trees, the major root systems and the limbs of the trees shall be protected from damage. Where necessary, contractor shall install water main by tunneling or boring underneath the tree roots, with no additional compensation for materials, labor, or otherwise. If, in the opinion of the Engineer, any damage to the tree does occur, Contractor shall, at his own expense, obtain the services of a certified tree surgeon to perform any and all actions necessary to mitigate or repair the damage.

The Contractor shall, at his own expense, furnish and install all temporary sheeting, timbering and bracing required to maintain the excavation in a condition to furnish safe working conditions and to permit the safe and efficient installation of all items of contract work. The Contractor shall further, at his own expense, shore up or otherwise protect all fences, buildings, walls, walks, curbs, or other property adjacent to any excavation which might be disturbed during the progress of the work, except for such facilities which are within the allowable trench limits and are designated for removal and restoration.

Temporary supports must be removed by the Contractor at his own expense after or concurrently with the completion of the permanent facility.

The Contractor shall do all ditching, pumping, well pointing and bailing, build all drains, and do all other work necessary to keep the excavation clear of ground water, sewage or storm water during the progress of the work and until the finished work is safe from injury. Where the excavation is wet sand, and suitable construction conditions cannot be obtained by other methods, the Contractor shall install and operate, at his own expense, a pumping system connected with well points, so as to drain the same effectually. All well point holes shall be backfilled with sand after removal. No masonry or pipe shall be laid in water, and water shall not be allowed to rise over masonry until concrete or masonry has set at least 48 hours. All water pumped or drained from the work shall be disposed of in a manner that will not damage adjacent property or other work under construction. Necessary precautions shall be taken to protect all construction against flooding.

Whenever the excavation is carried beyond the lines and grades shown on the drawings, the Contractor shall, at this own expense, refill all such excavated space with such material and in such manner as may be directed.

Unsuitable and surplus excavated material not incorporated in the work shall be disposed of by the Contractor at his own expense.

In the event that any existing gas pipe, water pipes, conduits, sewers, storm drains or poles are blocked or interfered with by the excavation required on this project, the Contractor shall maintain them in

continuous operation, and restore them to the same condition as they were prior to the start of construction of this project. Gas pipes or electrical power distribution facilities or any other utilities which are disturbed in any way shall be inspected and repaired (if necessary) by the utility owner, all at no additional compensation from the Owner.

Any culvert pipe joint exposed by excavation shall be wrapped with an approved geotextile filter fabric, three feet in width, before backfilling, at no additional compensation.

265.03.2 – Trench Excavation. The ground shall be excavated in open trenches, of sufficient width and depth to provide ample room within the limits of the excavation, or lines of sheeting and bracing, for the proper construction of the water main.

Mechanical excavation of trenches shall be stopped above the final invert grade elevation so that the pipe may be laid on a firm, undisturbed native earth bed.

The width of the trench at the top of the pipe shall not exceed the outside diameter of the pipe plus two feet. The maximum allowable trench width at the ground surface shall not exceed the outside diameter of the pipe, plus twice the depth of cut. Restoration of disturbed facilities as a pay item will only be allowed within these limits. Facilities disturbed outside the allowable restoration limits shall be restored as detailed in "Restoration of Disturbed Facilities" in these Specifications, but at Contractor's expense.

The minimum depth of excavation shall be as required for a cover over the completed water main of not less than 30 inches on city and county roads and 36 inches on MDOT rights-of-way. Where water pipes cross under existing drainageways, provide not less than 30 inches under ditches or 18" clearance between the top of the pipe and the bottom of existing storm drain pipes or structures.

265.03.3 – Bedding. Trenches shall be dry when the trench bottom is prepared. A continuous trough shall be pared or excavated to receive the bottom quadrant of the pipe barrel. In addition, bell holes shall be excavated so that after placement, only the barrel of the pipe receives bearing pressure from the trench bottom.

Preparation of the trench bottom and placement of the pipe shall be carefully made so that when in final position, the pipe is true to line and grade.

265.03.4 – Laying Pipe. All nonmetallic pipes shall be installed with a No. 12 coated solid copper wire attached to the top of the pipe. The locator wire shall be permanently secured to the pipe at six foot increments. The locator wire shall be continuous along the length of each pipe segment between access points and be accessible at every valve box, including valves for fire hydrants. Splices shall be made with waterproof connectors. Locator wire assemblies shall also be installed at the locations shown on the plans to provide a maximum spacing of not more than 500 feet between access points to the locator wire. Upon completion of all piping, locator wire, assemblies, and other access points, the Contractor shall coordinate with the Owner for testing. The Owner's representative will use his locator to test the locator wiring system.

Pipe shall be protected during handling against impact shocks and free fall. Pipe shall be clean at all times, and no pipe shall be used in the work that does not conform to the appropriate specifications.

Pipe shall be laid accurately, to the line and grades with fittings and valves at the required locations as designated in the Drawings. Preparatory to making pipe joints all surfaces of the portions of the pipe to be jointed or of the factory-made jointing material shall be clean and dry. Lubricants, primers, adhesives, etc., shall be used as recommended by the pipe or joint manufacturer's specifications. The jointing materials or factory fabricated joints shall then be placed, fitted, joined, and adjusted in such a workmanlike manner as to obtain the degree of water-tightness required.

If dirt enters the pipe, it shall be removed and the interior pipe surface swabbed with a 1 percent hypochlorite disinfecting solution.

Trenches shall be kept water-free and as dry as possible during bedding, laying, and jointing and for as long a period as required. As soon as possible after the joint is made, sufficient backfill material shall be placed along each side of the pipe to offset conditions that might tend to move the pipe off line and grade.

If pipe and fittings are not kept dry during installation, Contractor shall ensure that any water entering the pipe contains an available-chlorine concentration of approximately 25 mg/l by adding calcium hypochlorite granules or tablets to each length of pipe.

Wherever necessary to deflect pipe from a straight line, either in the horizontal or vertical plane, the degree of deflection shall not exceed maximum permissible deflections as recommended by pipe manufacturer.

265.03.5 – Backfilling. All trenches and excavation shall be backfilled as soon as the work has developed sufficient strength to resist backfilling loads and forces and the work shall be prosecuted expeditiously after it has commenced.

No pipe shall be backfilled above the top of the pipe until the pipe elevations, alignment and the pipe joints have been checked, inspected, and approved by the Engineer.

All pipes as soon as laid shall have the space between the pipe and the bottom and the sides of the trench backfilled to the spring line of the pipe with a select material. This material shall be thoroughly compacted by hand or mechanical means.

Backfill shall then proceed with the placement of select material in 6 inch layers to one foot above the top of the pipe. This backfill shall be compacted by mechanical compactor to not less than 95 percent Standard Proctor Maximum Dry Density.

If pipe trench is under or immediately adjacent to existing or proposed road or drive surfaces, the remainder of the trench shall be backfilled with select material in 8 inch layers to not less than 95 percent Standard Proctor Maximum Dry Density, using a mechanical compactor.

Where the native excavated is not considered suitable by the Engineer, the Engineer may authorize the replacement for such unsuitable material with contractor-furnished select backfill, and shall not be measured for a separate payment. All surplus or unsuitable material not used in backfilling shall be disposed of offsite by Contractor at his own expense.

265.03.6 – Utility Marking. All pipe installations require that utility marker tape (in addition to locator wire attached to nonconductive pipe) be buried in the backfill approximately 12 inches above the top of the pipe. Tape shall be permanently imprinted with an appropriate legend to identify the contents of the pipe (e.g. "Water Main Below".)

265.03.7 – General Requirements. All connections between pipe and fittings shall be made with an approved restrained joint system. In addition, all pipe joints within a distance which is tabulated in the Drawings from a fitting must also employ an approved restrained joint system. The assembly and installation of each restrained joint system shall be in strict accordance with the manufacturer's printed instructions and in the presence of a representative of the Engineer.

For all pipe sizes and types, install only full lengths of pipe adjacent to fittings, except in unusual circumstances.

Contractor must use care to prevent the entry of ground water or other contaminants into the water pipe, fittings, valves and appurtenances, either before, during, or after construction. Pipe delivered for construction shall be stored so as to minimize the entrance of foreign materials. All openings in the pipeline shall be closed with watertight plugs when pipe laying is stopped.

Connections to existing distribution system shall be made in a manner approved by the Engineer and shall be scheduled during times with the least inconvenience to customers and shall be accomplished in a timely manner with a minimum interruption of service. Contractor will be required to provide a minimum of 24 hours advance notification to customers where service will be interrupted. Contractor shall also provide advance notification to the Owner's water department and fire department.

Contractor shall verify size and type of existing water mains prior to connection of the new system. Necessary adapter fittings, glands, or special gaskets shall be furnished as needed to properly connect to the type of existing pipe or fitting encountered.

Where the project requires connection, removal, or any type of contact with existing asbestos cement pipe, Contractor shall comply with all local, state, and federal requirements for the cutting, handling, and disposal of asbestos cement pipe.

Contractor must coordinate the use of domestic water with the Owner. The Owner may allow Contractor to utilize water from the distribution system for the filling of the new water mains and a reasonable amount of water for wellpointing and initial flushing, without compensation. If, in the opinion of the Engineer and Owner, the Contractor did not take proper precautions in preventing debris and contaminants from entering the new system during construction or does not follow proper disinfection procedures as described in the latest revision of AWWA C651, the Owner reserves the right to assess charges to the Contractor for any excessive use of domestic water.

The new water mains shall be kept isolated from the active distribution system until satisfactory bacteriological testing has been completed and the disinfected water flushed out. All valves which separate existing in-service water mains from new water mains constructed under this contract shall remain closed at all times except when opened to fill or flush the new mains. A water-proof plastic tag shall be placed in each separation valve box, with the notice "Keep Closed at All Times." When valves are opened for filling or flushing, only one valve shall be opened at any one time, and only after a suitable flush point has been opened in the new system to relieve pressure and positively prevent the backflow of water from the new mains into the in-service mains.

Contractor shall be responsible for the proper handling and disposal of water discharged during flushing operations. All water discharged from the water system shall be disposed of in a manner that will not damage adjacent property, other work under construction, or adversely affect traffic or the general public. No water shall be discharged to the sanitary sewer collection system. Contractor shall advise and coordinate flushing of water mains with the Owner's water department and fire department and shall be performed in a manner that will not result in less than acceptable water pressure in the existing system. In case of fire or emergency, Contractor shall temporarily cease flushing operations.

265.03.8 – Hydrostatic Testing. Pressure and leakage testing shall be conducted on all pipe and appurtenances, including hydrants and water services, by the Contractor at his expense and in the presence of the Engineer or his representative. The hydrostatic test procedure used shall conform with the requirements of AWWA C-600, Section 4. The test shall be conducted by filling the pipe with clean water under a minimum pressure of 100 p.s.i. There shall be no visible leakage, nor shall the leakage exceed 9.5 gallons per 24 hours per inch diameter per mile as measured over a period of two hours. The Engineer reserves the right to select the line segments to be tested together as a unit, and may choose to separately test small segments if the test result for a larger segment is marginal.

265.03.9 – Disinfection. After completion of the construction and pressure testing of water distribution lines, hydrants, and water services, they shall be flushed and disinfected using at least a 50 mg/l free chlorine solution for 24 hours or as described in the latest revision of AWWA C651, Standard for Disinfecting Water Mains, and in a manner acceptable to the Mississippi State Department of Health. Disposal of heavily chlorinated water may require the Contractor to obtain a permit from the Department of Environmental Quality/Office of Pollution Control.

After final flushing and before the new water mains are connected to the distribution system, the Contractor shall arrange for microbiological water samples to be collected by a Certified Operator of the system, a representative of the Mississippi State Department of Health, or a certified technician of a laboratory certified by the Mississippi State Department of Health. At least one sample shall be collected from every 1200 feet of looped lines and from every dead-end line. No hose or fire hydrant shall be used in the collection of samples.

Water being collected for testing shall not have a chlorine residual higher than is normally maintained in other parts of the distribution system. No chlorine, which is a result of line disinfection, shall be present. A sample showing "No Coliform Present" shall constitute a satisfactory sample when analyzed by the Mississippi State Department of Health environmental laboratory or a laboratory certified by the Mississippi State Department of Health. The costs for all bacteriological sampling and testing shall be the responsibility of the Contractor.

If trench water has entered the new mains during construction or, if in the opinion of the Engineer, excessive quantities of dirt or debris have entered the new mains, bacteriological samples shall be taken at intervals of approximately 200 feet. Samples shall be taken of water that has stood in the new mains for at least 16 hours after final flushing has been completed.

If the initial disinfection fails to produce satisfactory bacteriological results, the new mains shall be reflushed and resampled. If check samples also fail to produce acceptable results, the mains shall be rechlorinated by the continuous-feed or slug method of chlorination as described in the latest revision of AWWA C651 until satisfactory results are obtained.

265.03.10 – Wastewater Disposal Method. The construction contractor shall submit for review and approval the method proposed for disposal of wastewater from hydrostatic tests and disinfection, prior to performing hydrostatic tests. Hydrostatic test and disinfection wastewater discharged to the storm sewer, sanitary sewer, or natural water stream shall not have a chlorine residual greater than 0.01mg/L.

265.03.11 – Separation of Water and Sewer Mains. Water mains should be laid at least 10 feet horizontally and 18 inches vertically from any sanitary sewer or manhole. The bottom of the water line should be at least 18" above the top of the sewer line. Water and sewer lines shall be constructed in separate trenches with adequate space for maintenance.

Where adequate horizontal separation cannot be maintained, the water main should be constructed of ductile iron with joints located at the maximum distance possible from sewer line joints.

Where the horizontal and vertical separation cannot be maintained, then the sewer main must be constructed to water main standards, in addition to the use of ductile iron for the water main.

Where water lines cross over sewer lines, the above requirements will be waived if pipe segments are centered to provide maximum spacing of the joints of both the water and sewer lines and the 18 inch vertical separation (water over sewer) is provided.

265.03.12 – Water Main Removal and Disposal Method. Contractor shall submit for review and approval a proposed schedule and method for the removal of sections or subsections of the existing water system. Also, Contractor shall submit for review and approval a proposed method of documenting the removal and disposal of existing mains in accordance with all applicable laws. Contractor shall maintain records and submit said records prior to any payment for removal of water mains.

265.03.13 – Gate Valves. Gate Valves shall be installed as detailed in the Drawings and in strict accordance with manufacturer's recommendations, along with restrained joint retainer glands and thrust blocking as indicated in the Drawings.

Where any gate valve shall be installed at a depth equal to or greater than 3.5 feet below finished grade, Contractor shall supply and install a valve key extension on the valve. The extension shall be securely

bolted or otherwise attached to the gate valve key per the recommendations of the manufacturer and as approved by the Engineer. Valve key extensions shall be installed plumb in the valve box and at a normal depth to allow easy operation of deep valves with a standard valve key.

265.03.14 – Fire Hydrants. Hydrants shall be installed as shown in the detailed drawings and in a manner that will provide complete accessibility and will prevent damage from vehicles. All hydrants shall stand plumb and shall have their pumper connections at right angles to the centerline of the road. Thrust block backings shall be constructed in strict accordance with manufacturer's recommendations.

Crushed stone or gravel shall be placed at the base of the hydrant to provide drainage.

After installation and prior to final acceptance the fire hydrants shall be painted above the ground line in accordance with AWWA Standard C-502. Color shall match existing hydrants in the project area, or as directed by the City's Engineer or his authorized representative. Multiple coats may be required to achieve uniform appearance if the hydrants are supplied by the manufacturer in a different color than desired.

It should be anticipated that some hydrants designed for bury depths greater than the standard 36 inches will be required, due to existing utility lines and/or ditch flowline elevations. Contractor may choose to utilize manufactured hydrant barrel extensions for some or all of the long-barrel hydrants.

265.03.15 – Water Services.

Where an existing residence or business is currently being serviced by an existing water service, it is Contractor's responsibility to physically locate the point where the existing service pipe crosses the property line (approximate location only - no surveys required). The existing water meter shall then be installed to this point. All work to locate the existing service and to make the final connection to it is included in "Long Service Connection"/"Short Service Connection".

Installation of all service line components (service saddle, corporation stop, tubing, and curb valve) shall be in strict accordance with manufacturer's recommendations. Service lines shall be laid deep enough to prevent damage from freezing, or during routine road or street maintenance, but not so deep as to require installing the line at an excessive angle in the meter box.

Service location reports will be furnished by the Engineer. Forms will be completed and submitted to Engineer by Contractor prior to any progress payments for water services.

It shall be Contractor's responsibility to keep active water service to any and all parcels which are in use or may be in use. Expenses associated with keeping the water service active at necessary lots shall be absorbed by Contractor. Damages to the newly constructed water services by the removal of the existing water mains shall be repaired at Contractor's expense.

265.03.16 – Line Stop Procedure. The contractor shall clean the exterior of the main to remove debris, corrosion deposits and other surface irregularities that might interfere with proper seating and sealing of the line stop fitting against the main.

Line stop fittings installed on slip joints or mechanical joint pipe require at least three standard lengths of pipe remain buried from the point of the line stop to where the line will be cut open. An alternate method is to anchor the line stop fitting in concrete. Line stop fittings shall be installed and pressure tested at 150 psi for 15-30 minutes prior to tapping the main.

Concrete support/anchor shall be installed after pressure test. Concrete support should extend to the "BEAM POINT or CENTER LINE" of the pipe main. This method should prevent movement laterally where the line is isolated and cut open.

Temporary line stop valve shall be installed into the line stop fittings (flanged tee may be mounted to the valve for temporary bypass). Drilling machine shall then be mounted to line stop valve, and the wet tap should be performed.

Once the coupon from the tap is retracted into the machine, the stop valve can be closed and the drilling machine can be de-pressurized and removed. Coupon shall be measured to verify pipe I.D. for sizing adjustments of the folding head stop sealing element.

Line stop machine shall then be mounted on stopping valve and line stop assembly, valve opened, and assembly entered into the pipe and the line stop performed.

Once the pipe main is de-pressurized, alterations can begin.

After alterations are completed, and the new line shall be sanitized. The line stop shall be re-pressurized, and the stopper head removed from the line stop and the valve closed.

Drilling machine with closure plug is mounted to stop valve. Valve is opened and the assembly is installed and locked into position inside the neck of the stop fitting.

The drilling machine shall then be removed, and blind flange shall be installed to the line stop fitting for completion of the job.

265.03.17 – Connection to Existing Water Mains. It is the intent of this contract that the new segments of water mains be constructed and pressure tested prior to connecting them to existing pipes. Temporary plugs and water service-type connections will be required to allow this.

Tapping Sleeves and Valves:

1. Installation of tapping sleeves shall fully conform with manufacturer's recommendations. The pipe barrel to be tapped shall be fully and carefully cleaned. Asbestos cement pipe shall be smoothed with a wire brush to ensure a tight seal of the gaskets against the pipe.
2. Before each sleeve is installed, the pipe barrel to be tapped shall be measured and the actual measured pipe O.D. shall be within the range recommended for the sleeve used.
3. The actual size of the hole cut in the pipe barrel shall be not more than 1/2 inch smaller than the nominal size of the branch connection (e.g., not less than 5 1/2 inches for a 6 inch tap). The drilling machine and shell cutter head used shall be specifically recommended for the type of pipe being tapped.
4. After the tap is complete and the tapping valve closed, the sleeve shall be bled of air and then visually checked for leakage before backfilling.

Connections made to existing water mains (other than those connections made with a tapping sleeve and valve), fittings, or stubs shall be made according to all the requirements in these Specifications. Necessary adapter fittings, glands, or special gaskets shall be furnished as needed to properly connect to the type of existing pipe or fitting encountered. Any cast or ductile iron fittings so used will be measured for separate payment as "Ductile Iron Fittings".

The Owner will assist Contractor by locating existing valves necessary to turn off the water pressure for a short period necessary to make the connection. Contractor shall provide at least 48 hours notice to the Owner for any outages. The Contractor may be requested to schedule some connections for a specific time of day or night, to reduce inconvenience to customers. The Owner and the Engineer do not guarantee that any specific sections of the water system can be isolated by closing existing valves.

After the new water main system is in service and all service connections are transferred, then the existing water mains replaced as a part of this Work shall be physically removed and disposed of in accordance with these Specifications.

Notice is given that some connections to and between the existing water mains which are to be abandoned may exist other than as shown in the Drawings. It is Contractor's obligation to find and disconnect all points of connection between the water mains to be removed and water mains which are to remain, whether shown in the Drawings or not.

The plans indicate certain existing fire hydrants and water valves which are to be removed. Fire hydrants so designated shall be removed in their entirety, including base elbow and bolted-on shut-off valve if so equipped. Valves may be "removed" by removing the 2" operating nut from the top of the valve and removing the valve box -- the entire valve need not be completely removed, unless this is needed to disconnect the water main. All materials removed shall remain the property of the Owner. They shall be delivered in good condition and unloaded at a location determined by the owner.

Where insertion valves or tapping valves are installed deeper than 3.5 feet below finished grade, Contractor shall supply and install valve key extensions in accordance with the requirements of "Gate Valves & Valve Boxes" in these Specifications.

265.03.17 – Separation of Water and Sewer Mains. Water mains should be laid at least 10 feet horizontally and 18 inches vertically from any sanitary sewer or manhole. The bottom of the water line should be at least 18" above the top of the sewer line. Water and sewer lines shall be constructed in separate trenches with adequate space for maintenance.

1. Where adequate horizontal separation cannot be maintained, the water main should be constructed of ductile iron with joints located at the maximum distance possible from sewer line joints.
2. Where the horizontal and vertical separation cannot be maintained, then the sewer main must be constructed to water main standards, in addition to the use of ductile iron for the water main.
3. Where water lines cross over sewer lines, the above requirements will be waived if pipe segments are centered to provide maximum spacing of the joints of both the water and sewer lines and the 18 inch vertical separation (water over sewer) is provided.

265.04 - Method of Measurement. Water distribution pipe, regardless of material type, will be measured as the number of linear feet of pipe in place, field measure, including locator wire and marker tape, regardless of depth, select bedding, select and general backfill, structure excavation, cleaning and disinfection, pumping, and testing. Contractor shall restore trenches and disturbed areas, dispose of unsuitable materials and perform grading and cleanup operations during the course of construction. Areas which are not properly cleaned up and maintained will not be approved for payment.

Where ductile iron pipe is required by the Drawings or directed by the Engineer, payment will also be measured as the number of linear feet of ductile iron pipe installed, field measure, including any necessary locator wire and marker tape, regardless of depth, select bedding, select and general backfill, structure excavation, cleaning and disinfection, pumping, and testing. Contractor shall restore trenches and disturbed areas, dispose of unsuitable materials and perform grading and cleanup operations during the course of construction. Areas which are not properly cleaned up and maintained will not be approved for payment.

Restrained pipe joints will not be measured separately for payment. Carrier pipe in pipe encasements shall be ductile iron, restrained joint pipe.

Removal of all water items shall be included in "Removal of Obstructions".

Distribution pipe fittings will be measured by the pound of fittings in place, including glands, bolts, and gaskets computed upon unit weights listed in AWWA C-110. This applies even if the fittings used are compact ductile iron fittings conforming to AWWA C-153.

Gate Valves will be measured per each. Valves used as fire hydrant isolation valves will not be measured under this item. Payment made for gate valves will be inclusive of all associated costs, including any

required valve key extensions. Where required, valve key extensions will not be measured for separate payment.

Long/Short Service Connections shall be measured per each, for each respective diameter, as the number of actual services connected, regardless of the main's size. Service connections shall include all labor and materials necessary to result in a fully functioning water service, including but not limited to location and connection to existing water service, location and connection to existing/proposed water main, water service tubing, excavation, bedding and backfill, service saddles, corporation stops, curb stops, relocation of water meter, purchase of water meter due to damage by contractor, meter boxes, structure excavation, select bedding, and select or general backfill.

Location of and connection to existing water services will not be measured separately for payment.

Where directed by Engineer and in accordance with these Specifications, Contractor shall wash, bore, or jack water services under existing or proposed improvements. Such work shall be considered incidental to the installation of the new water services and shall not be measured for separate payment.

Fire hydrants shall be measured as the number of units in place, per each, including but not limited to mainline tee, excavation, bedding, concrete and reinforcement, saddle, sleeve, joint restraints, 6-inch gate valve and all appurtenances. No separate payment will be made for hot tapping.

Insertion valve shall be measured per each and shall include furnishing and installing valve and sleeve components, and all equipment, tools, labor, and incidentals necessary to complete the work.

Line stop valve shall be measured per each and include furnishing and installing all fittings, nuts, bolts, washers, blind flange, gasket, tapping sleeve, plugging after completion of the work and all equipment, tools, labor, and incidentals necessary to complete the work.

265.05 - Basis of Payment. This work will be paid for at the contract unit prices per unit specified, complete in place, which shall be full compensation for completing the work. Materials or work for which a pay item is not included and are necessary to complete the work under this section shall be furnished or performed and shall be considered incidental to the completed construction.

Payment will be made under:

907-265-A: 6" C-900 PVC Water Main	-per linear foot
907-265-B: 6" Ductile Iron Water Main	-per linear foot
907-265-A: 8" C-900 PVC Water Main	-per linear foot
907-265-B: 8" Ductile Iron Water Main	-per linear foot
907-265-C: Ductile Iron Fittings	- per pound
907-265-D: 8" Insertion Valve	- per each
907-265-D: 6" Insertion Valve	- per each
907-265-F: Fire Hydrant Assembly	- per each
907-265-K: 6" Line Stop	- per each
907-265-M: Short Service Connection	- per each
907-265-M: Long Service Connection	- per each

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-304-13

CODE: (SP)

DATE: 06/06/2012

SUBJECT: Granular Courses

Section 907-304, Granular Courses, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-304.02--Materials. After the first paragraph of Subsection 304.02.1 on page 183, add the following.

Crushed concrete meeting the requirements of Subsection 907-703.04.3 may be used in lieu of granular courses or crushed stone courses specified in the contract. This applies to base courses, shoulders, or other required construction on a prepared foundation.

907-304.03--Construction Requirements.

907-304.03.5--Shaping, Compacting and Finishing. Delete the sixth paragraph of Subsection 304.03.5 on page 185.

Delete the first table in Subsection 304.03.5 on page 186 and substitute the following.

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 Courses*	99.0	95.0

* When placed on filter fabric on untreated subgrade, the individual tests and the average of the five (5) tests shall equal or exceed the following values.

<u>Lot Average</u>	<u>Individual Test</u>
96.0	92.0

907-304.05--Basis of Payment. Add the "907" prefix to the pay items listed on page 187.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SUPPLEMENT TO SPECIAL PROVISION NO. 907-401-7

DATE: 03/22/2016

SUBJECT: Asphalt Pavements

Delete subparagraph 4 of Subsection 907-401.02.6.4.1 on page 16, and substitute the following.

4. For all pavements on new construction except shoulders that are untreated, the required lot density for all lifts shall be 93.0 percent of maximum density. For all pavements on shoulders that are untreated, the required lot density for all lifts shall be 92.0 percent of maximum density.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-401-7

CODE: (SP)

DATE: 12/02/2014

SUBJECT: Asphalt Pavements

Section 401, Hot Mix Asphalt (HMA) - General, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby deleted and replaced as follows.

SECTION 907-401 - ASPHALT PAVEMENT -- GENERAL

907-401.01--Description. These specifications include general requirements that are applicable to all types of asphalt whether producing Hot Mix Asphalt (HMA) mixtures or Warm Mix Asphalt (WMA) mixtures. These specifications also include 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 asphalt pavement 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.

907-401.01.1--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.

907-401.02--Materials.

907-401.02.1--Component Materials.

907-401.02.1.1--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.

907-401.02.1.2--Aggregates. The source of aggregates shall meet the applicable requirements of Section 703.

907-401.02.1.2.1--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. When placed on an existing Portland Cement Concrete surface, all intermediate lifts (19-mm mixture) shall have at least 90 percent fractured two 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.

907-401.02.1.2.2--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

907-401.02.1.2.3--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 0.5 percent by weight of the total mineral aggregate when tested according to AASHTO Designation: T 88.

907-401.02.1.3--Bituminous Materials. Bituminous materials shall meet the applicable requirements of Section 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 on the last page of Section 410. Emulsified asphalt shall not be diluted without approval of the Engineer.

907-401.02.1.4--Blank.

907-401.02.1.5--Hydrated Lime. Hydrated lime shall meet the requirements of Subsection

714.03.2 for lime used in soil stabilization.

907-401.02.1.6--Asphalt Admixtures. Additives for liquid asphalt, when required or permitted, shall meet the requirements of Subsection 702.08.

907-401.02.1.7--Polymers. Polymers for use in polymer modified asphalt pavements shall meet the requirements of Subsection 702.08.3.

907-401.02.2--WMA Products and Processes. The Department will maintain a list of qualified WMA products and processes. No product or process shall be used unless it appears on this list.

The Contractor may propose other products or processes for approval by the Product Evaluation Committee. Documentation shall be provided to demonstrate laboratory performance, field performance, and construction experience.

907-401.02.3--Composition of Mixtures.

907-401.02.3.1--General. Unless otherwise specified or permitted, the asphalt shall consist of a uniform 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 shoulders, 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 asphalt 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 Subsection 907-401.03.2.1.2.

The Contractor shall obtain a shipping ticket for each shipment of hydrated lime. The Contractor shall provide the District Materials Engineer 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 asphalt items performed during the initial estimate period in which the Contractor fails to submit the hydrated lime shipping tickets to the District Materials Engineer 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 asphalt 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 District Materials 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 asphalt in the percentages of the total mix by weight set out in the following table:

Asphalt Mixture	Maximum Percentage of RAP by total weight of mix
4.75-mm	0
9.5-mm	20 *
12.5-mm Surface Lift	20 *
12.5-mm Underlying Lift	30
19-mm	30
25-mm	30

- * At a minimum, RAP shall be processed and/or screened such that the RAP material size does not exceed the nominal maximum sieve size for the mixture specified.

During asphalt production, the RAP shall pass through a maximum 2-inch square sieve located in the asphalt 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 asphalt 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-inch or 1/2-inch sieve as a break-point unless otherwise approved by the Engineer in writing.

907-401.02.3.1.1--Mixture Properties.

<u>ALL MIXTURES</u>	<u>Percent of Maximum Specific Gravity (Gmm)</u>
N _{Design}	96.0
N _{Initial}	Less than 90.0
N _{Maximum}	Less than 98.0
<u>VMA CRITERIA</u>	<u>Minimum percent</u>
25-mm mixture	12.0
19-mm mixture	13.0
12.5-mm mixture	14.0
9.5-mm mixture	15.0
4.75-mm mixture	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 & 25-mm mixtures

Percent Passing No.200 / Effective Binder Percent 0.8 to 1.6

907-401.02.3.2--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 10 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 as set forth in the latest edition of MDOT's Field Manual for HMA and SOP TMD-11-78-00-000. The proposed job-mix formula shall indicate whether the mixture will be produced as HMA or WMA. The process or product used to produce WMA should also be noted on the proposed documentation for the job-mix formula. The job-mix formula shall be signed by a Certified Mixture Design Technician (CMDT).

The Department will perform the tests necessary for review of a proposed job-mix formula for each required mixture free of charge one time only. A charge will be made for additional job-mix formulas submitted by the Contractor for review.

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 in the Department's Field Manual for HMA.

The Contractor shall not place any asphalt prior to receiving "tentative" approval and a MDOT design number from the Central Laboratory.

When a change in source of materials, unsatisfactory mixture production results (such as segregation, bleeding, shoving, rutting over $\frac{1}{8}$ ", raveling & cracking) 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.

In the event the Contractor wishes to change from an approved HMA job-mix formula to WMA or an approved WMA job-mix formula to HMA, the Contractor shall submit the proposed change in writing to the Engineer at least 10 working days prior to the proposed change. If no changes (other than the plant production temperature) are to be made to the job-mix formula, a new MDOT design number will be assigned by the MDOT Central Laboratory.

907-401.02.4--Substitution of Mixture. The substitution of a one (1) size finer mixture for an underlying lift shall require written permission of the State Construction 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 $\frac{1}{4}$	3 $\frac{1}{2}$
12.5-mm	1 $\frac{1}{2}$	2 $\frac{1}{2}$
9.5-mm	1	1 $\frac{1}{2}$
4.75-mm	$\frac{1}{2}$	$\frac{3}{4}$

907-401.02.5--Contractor's Quality Management Program.

907-401.02.5.1--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 State.

907-401.02.5.2--Personnel Requirements. The Contractor shall provide at least one Certified Asphalt Technician-I (CAT-I) full-time during asphalt production 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.

907-401.02.5.3--Testing Requirements. As a minimum, the Contractor's quality management program shall include the following:

- (a) Bituminous Material. Provide Engineer with samples in a sealed one quart metal container at the frequency given in MDOT SOP TMD-20-04-00-000.
- (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 per 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 antistripping 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-inch, 3/8-inch, 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-inch, 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.

<u>Total Estimated Production, tons</u>	<u>Number of Tests</u>
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 Subsection 907-401.02.5.3 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 asphalt production, the requirements for gradation testing during production are not waived.

907-401.02.5.4--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 Subsection 907-401.02.5.3(h) shall be included in the running average calculations. If single tests are performed as a check on individual asphalt properties, between regular samples, without performing all tests required in Subsection 907-401.02.5.3(h), the results of those individual tests shall not be included in the running average calculations for that 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 Mississippi DOT 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 asphalt is produced. Fourteen days after the completion of the placement of the asphalt, the Contractor shall provide the Engineer with the original testing records and control charts in a neat and orderly manner.

907-401.02.5.5--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.

<u>Item</u>	<u>JMF Limits</u>	<u>Warning Limits</u>
Sieve - % Passing		
1/2-inch	± 5.5	± 4.0
3/8-inch	± 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

907-401.02.5.6--Warning Bands. Warning bands are defined as the area between the JMF limits and the warning limits.

907-401.02.5.7--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 State Materials Engineer for the Department. 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 the JMF to conform to actual production shall not exceed the tolerances 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.

907-401.02.5.8--Actions 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 adjustment made under (c) improves 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 Subsection 907-401.02.6.3.
- (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 Subsection 907-401.02.6.3.
- (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 State. 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 Subsection 907-401.02.6.3.
- (i) Single test results shall be compared to 1.7 times the warning and JMF limits. If the test results verified by QA testing (within allowable differences in Subsection 907-401.02.6.2) exceed these limits, the pay factor provided in Subsection 907-401.02.6.3 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.
- (j) The above corrective action will also apply for a mixture when the Contractor's testing data has been proven incorrect. The Contractor's data will be considered incorrect when;
1) the Contractor's tests and the Engineer's tests do not agree within the allowable differences given in Subsection 907-401.02.6.2 and the difference can not be resolved, or
2) the Engineer's tests indicates that production is outside the JMF limits and the results have been verified by the Materials Division. The Engineer's data will be used in place of the Contractor's data to determine the appropriate pay factor.

907-401.02.6--Standards of Acceptance.

907-401.02.6.1--General. Acceptance for mixture quality (VMA and total voids @ 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 Subsections 907-401.02.6.4 and 907-401.02.6.5.

907-401.02.6.2--Assurance Program for Mixture Quality. The Engineer will conduct a quality assurance program. The quality assurance program will be accomplished as follows:

- 1) Conducting verification tests.
- 2) Validate Contractor test results.
- 3) Periodically observing Contractor quality control sampling and testing.
- 4) Monitoring required quality control charts and test results.
- 5) Sampling and testing materials at any time and at any point in the production or laydown process.

The rounding of all test results will be in accordance with Subsection 700.04.

The Engineer will conduct verification tests on samples taken by the Contractor under the direct supervision of the Engineer at a time specified by the Engineer. The frequency will be equal to or greater than ten percent (10%) of the tests required for Contractor quality control and the data will be provided to the Contractor within two asphalt mixture production days after the sample has been obtained by the Engineer. At least one sample shall be tested from the first two days of 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. Certification shall be in accordance with the *MDOT HMA Technician Certification Program* chapter in the Materials Division Inspection, Testing, and Certification Manual. The Department shall post a chart giving the names and telephone numbers for the personnel responsible for the assurance program.

The Engineer shall be allowed to inspect Contractor testing equipment and equipment calibration records to confirm both calibration and condition. The Contractor shall calibrate and correlate all testing equipment in accordance with the latest versions of the Department's Test Methods and AASHTO Designation: R 18.

Random differences between the Engineer's verification tests and the current running average of four quality control tests at the time of obtaining the verification sample will be considered acceptable if within the following limits:

Item	Allowable Differences
Sieve - % Passing	
3/8-inch and above	6.0
No. 4	5.0
No. 8	4.0
No. 16, for 4.75-mm mixtures ONLY	3.5
No. 30	3.5
No. 200	2.0
AC Content	0.4
Specimen Bulk SG, Gmb @ N _{Design}	0.030
Maximum SG, Gmm	0.020

If four quality control tests have not been tested prior to the time of the first verification test, the verification test results will be compared to the average of the preceding quality control tests. If the verification test is the first material tested on the project or if a significant process adjustment was made just prior to the verification test, the verification test results will be compared to the average of four subsequent quality control test results. For all other cases after a significant process adjustment, the verification test results will be compared to the average of the preceding quality control tests (taken after the adjustment) as in the case of a new project start-up when four quality control tests are not available.

In the event that; 1) the comparison of the Contractor's running average quality control data and Engineer's quality assurance verification test results are outside the allowable differences in the above table, or 2) if a bias exists between the results, such that one of the results is predominately higher or lower than the other, and the Engineer's results fail to meet the JMF control limits, the Engineer will investigate the reason immediately. As soon as the need for an investigation becomes known, the Engineer will increase the quality assurance sampling rate to the same frequency required for Contractor testing. The additional samples obtained by the Engineer may be used as part of the investigation process or for routine quality assurance verification tests. The Engineer's investigation may include testing of the remaining quality control split samples, review and observation of the Contractor's testing procedures and equipment, and a comparison of split sample test results by the Contractor quality control laboratory, Department quality assurance laboratory and the Materials Division laboratory. The procedures outlined in the latest edition of MDOT's Field Manual for HMA may be used as a guide for the investigation. In the event that the Contractor's results are determined to be incorrect, the Engineer's results will be used for the quality control data and the appropriate payment for the mixture will be based on the procedures specified in Subsection 907-401.02.5.8(j).

The Engineer will periodically witness the sampling and testing being performed by the Contractor. The Engineer, both verbally and in writing, will promptly notify the Contractor of any observed deficiencies. When differences exist between the Contractor and the Engineer which cannot be resolved, a decision will be made by the State Materials Engineer, acting as the referee. The Contractor will be promptly notified in writing of the decision. If the deficiencies are not corrected,

the Engineer will stop production until corrective action is taken.

907-401.02.6.3--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 State.

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 as verified by the Engineer in the manner hereinbefore described and the uniformity and condition of the completed pavement. Areas of pavement that exhibit non-uniformity or failures, materials or construction related, such as but not limited to segregation, bleeding, shoving, rutting over $\frac{1}{8}$ ", raveling, slippage, or cracking will not be accepted. Such areas will be removed and replaced at no additional cost to the State.

Bituminous mixture placed prior to correction for deficiencies in VMA and total voids @ N_{Design} , gradation, or asphalt content, as required in Subsection 907-401.02.5.8 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.

907-401.02.6.4--Acceptance Procedure for Density. Each completed lift will be accepted with respect to compaction on a lot to lot basis from density tests performed by the Department. 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. See Chapter 7 of the latest edition of MDOT's Field Manual for HMA for more details. 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

907-401.02.6.4.1--Roadway Density. The density requirement for each completed lift on a lot to lot basis from density tests performed by the Department shall be as follows:

1. For all leveling lifts, when full lane width and with a thickness as specified in the table in Subsection 907-401.02.4, the required lot density shall be 92.0 percent of maximum density.
2. For all single lift overlays, with or without leveling and/or milling, the required lot density shall be 92.0 percent of maximum density.
3. 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.
4. 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 Engineer shall notify the Contractor who 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 State. 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>Lot Density ** % 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 State.

**PAYMENT SCHEDULE FOR COMPACTION
OF 93.0 PERCENT OF MAXIMUM DENSITY**

<u>Pay Factor</u>	<u>Lot Density *** % 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 State.

The compaction pay factors and mixture quality pay factor, as described in Subsection 907-401.02.6.3, will each apply separately. However, the combined pay factor shall not be less than 0.50 for any mixture allowed to remain in place.

907-401.02.6.4.2--Trench Widening Density. The density for trench widening on a lot to lot basis shall be determined from density tests performed by the Department 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 Engineer shall notify the Contractor who 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 State. 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 91.0 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 State.

The compaction pay factors and mixture quality pay factor, as described in Subsection 907-401.02.6.3, will each apply separately. However, the combined pay factor shall not be less than 0.50 for any mixture allowed to remain in place.

907-401.02.6.5--Blank.

907-401.02.6.6--Blank.

907-401.02.6.7--Surface Correction. Corrective work to sections exceeding short continuous interval thresholds reported by ProVal, as described in Subsection 907-403.03.2.1, 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.

907-401.02.6.7.1--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.

907-401.02.6.7.2--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 two feet (2') 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.

907-401.02.6.7.3--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 Subsection 907-401.02.6.7.4. 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.

907-401.02.6.7.4--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.

907-401.02.6.8--Acceptance Procedure for Pavement Smoothness Using Mean Roughness Index (MRI). 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.

The smoothness of the surface lift will be determined by using an Inertial Profiling System (IPS) to measure and record roughness data in each designated location. Roughness data for each longitudinal profile will be reported as a Mean Roughness Index (MRI). MRI is calculated by

averaging the International Roughness Index (IRI) values from the two individual wheelpath profiles. The surface shall be tested and corrected to a smoothness index as described herein with the exception of those locations or specific projects that are excluded from smoothness testing with an IPS.

The smoothness of the surface lift will be determined for traffic lanes, auxiliary lanes, climbing lane and two-way turn lanes. Areas excluded from a smoothness test with the IPS are acceleration and deceleration lanes, tapered sections, transition sections for width, shoulders, crossovers, ramps, side street returns, etc. The roadway pavement on bridge replacement projects having 1,000 feet or less of pavement on each side of the structure will be excluded from a smoothness test. Pavement on horizontal curves having a radius of less than 1,000 feet at the centerline and pavement within the super elevation transition of such curves are excluded from smoothness testing. Smoothness testing shall terminate 264 feet from each transverse joint that separates the pavement from a bridge deck, bridge approach slab or existing pavement not constructed under the contract. This shall apply to any other exceptions including, but not limited to, railroad crossings and manholes. Segments containing a considerable amount of encroachments such as intersections, manholes, curb and gutter sections, etc. may be excluded at the Project Engineer's discretion.

Initial smoothness measurements shall take place no more than 72 hours following placement of surface and must be performed at the posted speed limit or 50 miles per hour (± 5 mile per hour), whichever is lower. This speed requirement will be waived for all lightweight profilers. Measurements will be made in both wheel paths of exterior and interior lanes. The wheel paths shall be designated as being located three feet (3') and nine feet (9') from centerline or longitudinal joint, respectively. Beginning and ending latitude and longitude coordinates shall be required on each smoothness surface test. Testing will also be required on sections that have been surface corrected. No smoothness testing shall be performed when there is moisture of any kind on the pavement surface. Any additional testing shall meet the requirements of Subsection 907-403.03.2.

The surface lift will be accepted on a continuous interval basis for pavement smoothness. Continuous reporting is based upon all MRI values for a specified running interval. These values are averaged and presented at the midpoint of the specified running interval. The last 15 feet of a day's lift may not be obtainable until the lift is continued and for this reason may be included in the subsequent section.

Areas of localized roughness exceeding the continuous 25-foot interval threshold described in Subsection 907-403.03.2.1 shall be corrected regardless of the 528-foot interval MRI value of the section. Surface correction by grinding shall be performed in accordance with Subsection 907-401.02.6.7. The Contractor shall also make other necessary surface corrections to ensure that the final mean roughness index of the section meets the requirements of Subsection 907-403.03.2.

Continuous sections exceeding the accepted long interval MRI value shall be corrected as specified in Subsection 403.03.4. All such corrections shall be performed at no additional costs to the State. Scheduling and traffic control will be the responsibility of the Contractor with

approval of the Engineer. All tests and corrections shall be in accordance with AASHTO R 54-10, Accepting Pavement Ride Quality When Measured Using Inertial Profiling Systems.

907-401.02.6.9--High Speed Inertial Profiling System.

907-401.02.6.9.1--General. The IPS, furnished and operated by the Contractor under the supervision of the Engineer or the Engineer's representative, shall be a dual laser high speed or lightweight vehicle meeting the requirements of AASHTO M 328-10, Standard Specification for Inertial Profiler.

907-401.02.6.9.2--Mechanical Requirements. The IPS should function independent of vehicle suspension and speed with an operational range of 15-70 mph (for high speed profilers only) and must collect data at a sample interval of no more than three inches (3"). All IPSs, operators, and combinations thereof shall be verified in accordance with AASHTO R 56-10, Standard Practice for Certification of Inertial Profiler Systems and AASHTO R 57-10, Operating Inertial Profiler Systems.

907-401.02.6.9.3--Computer Requirements. The computer measurement program must be menu driven, Windows compatible, and able to produce unfiltered profiler runs in any one of the following file formats: University of Michigan's Transportation Research Institute's (UMTRI) Engineering Research Division (*.erd) file, ProVAL's Pavement Profile (*.ppf) file, or Ames Engineering's (*.adf) file format. The computer shall have the ability to display and print data on site for verification and shall have the ability to save and transfer data via Universal Serial Bus (USB) flash drive, which shall be provided by the Contractor.

All profiler runs must be named in the following format for acceptance by the Project Engineer:

- County_Route_Direction_Lane_BeginStation_EndStation

In addition to manufacturers software; the latest version of FHWA's ProVAL software shall be installed on the IPS computer. ProVAL software is available for free download at <http://www.roadprofile.com>.

907-401.02.7--Nuclear Gauges.

907-401.02.7.1--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.

907-401.02.7.2--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.

907-401.03--Construction Requirements. Mississippi DOT has adopted the "Hot-Mix Asphalt

Paving Handbook” as the guideline for acceptable asphalt construction practices.

907-401.03.1--Specific Requirements.

907-401.03.1.1--Weather Limitations - General. 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.

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 then be placed subject to removal and replacement at no additional cost to the State if contract requirements are not met.

907-401.03.1.1.1--Weather Limitations For HMA. 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 1½ inches	55°F
1½ inches to 2 inches	50°F
2¼ inches to 3 inches	45°F
Greater than 3 inches	40°F

907-401.03.1.1.2--Weather Limitations For WMA. The air and pavement temperature at the time of placement shall equal or exceed 40°F, regardless of compacted lift thickness.

907-401.03.1.2--Tack Coat. Tack coat shall be applied to previously placed asphalt and between lifts, unless otherwise directed by the Engineer. Tack coat shall be applied with a distributor spray bar. A hand wand will only be allowed for applying tack coat on ramp pads, irregular shoulder areas, median crossovers, turnouts, or other irregular areas. Bituminous materials and application rates for tack coat shall be as specified in Table 410-A on page 293. Construction requirements shall be in accordance with Subsection 407.03 of the Standard Specifications.

907-401.03.1.3--Blank.

907-401.03.1.4--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 the specified percent (92.0% or 93.0%) of the maximum density based on AASHTO Designation: T 209 for the day's production. For all leveling lifts, when full lane width and with a thickness as specified in the table in Subsection 907-401.02.4, the required lot density shall be 92.0 percent of maximum

density. 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 has 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 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.

907-401.03.2--Bituminous Mixing Plants.

907-401.03.2.1--Plant Requirements.

907-401.03.2.1.1--Cold Aggregate Storage. The cold storage for hydrated 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.

907-401.03.2.1.2--Cold Aggregate Feed. The hydrated lime shall be dispensed dry or as a slurry directly onto the composite aggregate between the cold feed and the dryer. The slurry shall consist of 1 part hydrated lime to 3 parts water.

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 Subsection 907-401.02.3.1 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 bins.

907-401.03.2.1.3--Dryer. The efficiency of drying aggregates shall be such that the moisture content of the top asphalt 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.

907-401.03.2.1.4--Blank.

907-401.03.2.1.5--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.

907-401.03.2.1.6--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.

907-401.03.2.1.7--Screens. A scalping screen shall be used.

907-401.03.2.1.8--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.

907-401.03.2.1.9--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.

907-401.03.2.1.10--Blank.

907-401.03.2.1.11--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.

Scales shall be checked and certified by a scale company certified in heavy truck weights by the Mississippi Department of Agriculture and Commerce. In the case of scales used for measurement of materials on Department of Transportation projects, certification shall be performed in the presence of an authorized representative of the Department 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 other Department of Transportation 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 on Department of Transportation projects. Tests shall be continued on six month intervals with the test conducted in the presence of an authorized representative of the Department.

Truck scales shall be accurate to one-half of one 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:

MDOT, Contractor's name, project number, 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 requirements.

The ticket shall also have a place for recording the temperature of asphalt mixtures, if applicable, and the signatures of MDOT'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 MDOT with an original and one copy of each ticket. When the ticket information provided by the Contractor proves to be unsatisfactory, MDOT 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 Department.

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.

907-401.03.2.2--Additional Requirements for Batching Plants.

907-401.03.2.2.1--Plant Scales. The plant batch scale weight shall not exceed the platform scale weight by more than one percent (1.0%).

907-401.03.2.3--Additional Requirements for Drum Mixing Plants.

907-401.03.2.3.1--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.

907-401.03.2.3.2--Aggregate Handling and Proportioning. A screening unit shall be placed between the bins and the mixer to remove oversized aggregate, roots, clayballs, etc.

907-401.03.2.4--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 Department 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 Subsection 907-401.02.5.3, subparagraph (i) for sampling and testing requirements.

907-401.03.3--Hauling Equipment. The inside surfaces 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.

907-401.03.4--Bituminous Pavers. The screed or strikeoff 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.

907-401.03.5--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 bearings. They shall be operational at slow speeds to avoid displacement of the mixture and capable of reversing direction smoothly and without backlash.

907-401.03.6--Preparation of Grade. The foundation upon which asphalt pavement is to be placed shall be prepared in accordance with the applicable Section of the Standard Specification.

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 asphalt 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.

907-401.03.7--Blank.

907-401.03.8--Preparation of Mixture.

907-401.03.8.1--Preparation of Mixture For HMA. The temperature of the mixture, when discharged from the mixer, shall not exceed 340°F.

907-401.03.8.2--Preparation of Mixture For WMA. Warm mix asphalt is defined as a plant produced asphalt mixture that can be produced and constructed at lower temperatures than typical hot mix asphalt. Typical temperature ranges of non-polymer modified, WMA produced by foaming the asphalt binder at the plant are typically 270°F to 295°F at the point of discharge of the plant. Typical temperature ranges of polymer modified, WMA produced by foaming the asphalt binder at the plant are typically 280°F to 305°F at the point of discharge of the plant. WMA produced by addition of a terminal blended additive may allow the producer to reduce the temperatures below 270°F as long as all mixture quality and field density requirements are met. Production temperatures at the plant may need to be increased or decreased due to factors such as

material characteristics, environmental conditions, and haul time to achieve mixture temperatures at the time of compaction in which uniform mat density can be achieved.

907-401.03.9--Material Transfer Equipment. Excluding the areas mentioned below, the material transferred from the hauling unit when placing the top lift, or the top two (2) lifts of a multi-lift asphalt pavement with density requirements, 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 State Construction Engineer. Areas excluded from this requirement include: leveling courses, 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.

907-401.03.10--Spreading and Finishing. Grade control for asphalt pavements shall be established by stringline 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.

907-401.03.11--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.

907-401.03.12--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.

Joint Sealant. When a pay item for 907-403-S, Joint Sealant, is included in the contract, the contact surface of transverse joints and longitudinal joints in the surface lift, except hot joints, shall be sealed by spraying a thin, uniform coat of PavonTM, CrafcTM Pavement Joint Adhesive No. 34524, Dura-Fill Cold Joint Adhesive, or approved equal, prior to placement of additional asphalt against the previously placed material. Manufacturer's recommendations shall be followed if the material needs to be re-heated, and when placing the thin, uniform coat.

Prior to application of the sealant, the face of the joint shall be thoroughly dry and free from dust or any other material that would prevent proper sealing. All joints shall be swept or blown free of loose material, dirt, vegetation, and other debris by means of compressed air or a power sweeper.

Truck and vehicle traffic shall not drive across a sealed joint until it has dried sufficient to prevent damage from tracking.

The Contractor shall furnish the Engineer three copies of the manufacturer's certification stating that the material used meets the requirement of the specifications.

907-401.03.13--Pavement Samples. The Contractor shall cut samples from each lift of asphalt 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.

907-401.03.14--Shoulder Wedge. The Contractor shall attach a device to the screed of the paver that confines the material at the end gate and extrudes the asphalt material in such a way that results in a compacted wedge shape pavement edge of approximately 30 degrees, but not steeper than 35 degrees. The device shall maintain contact between itself and the road shoulder surface and allow for automatic transition to cross roads, driveways, and obstructions. The device shall be used to constrain the asphalt head reducing the area by 10% to 15% increasing the density of the extruded profile. Conventional single plate strike off shall not be used.

The device shall be TransTech Shoulder Wedge Maker, the Advant-Edge, or a similar approved equal device that produces the same wedge consolidation results. Contact information for these wedge shape compaction devices is the following.

1. TransTech Systems, Inc.
1594 State Street
Schenectady, NY 12304
800-724-6306
www.transtechsys.com
2. Advant-Edge Paving Equipment, LLC
P.O. Box 9163
Niskayuna, NY 12309-0163
518-280-6090
Contact; Gary D. Antonelli
Cell: 518-368-5699
email: garya@nycap.rr.com
Website: www.advantedgepaving.com

Before using a similar device, the Contractor shall provide proof that the device has been used on previous projects with acceptable results, or construct a test section prior to the beginning of work and demonstrate wedge compaction to the satisfaction of the Engineer. Short sections of handwork will be allowed when necessary for transitions and turnouts, or otherwise authorized by the Engineer.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-403-14

CODE: (SP)

DATE: 12/02/2014

SUBJECT: Asphalt Pavements

Section 403, Asphalt Pavements, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is deleted and replaced as follows.

SECTION 907-403 - ASPHALT PAVEMENTS

907-403.01--Description. This work consists of constructing one or more lifts of asphalt pavement meeting the requirements of Section 907-401 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. This work shall also include applicable in-grade preparation of the underlying course in accordance with Section 321.

The Contractor must select one of the asphalt mixture processes (HMA or WMA) to be used on this project.

907-403.02--Material Requirements. Materials and their use shall conform to the applicable requirements of Subsection 907-401.02.

907-403.03--Construction Requirements.

907-403.03.1--General. Construction requirements shall be as specified in Subsection 907-401.03, except as otherwise indicated in this section or applicable special provisions.

907-403.03.2--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 Lift	Top Intermediate Lift	Surface Lift
Maximum deviation from grade and cross section at any point	1/2"	3/8"	1/4"	1/4"
Maximum deviation from A 10 foot straight edge.....	3/8"	1/4"	1/8"	1/8"

Note: Where more than four (4) lifts of asphalt are required, all lifts, excluding the top three (3) lifts, shall meet the requirements of the lower lift.

- * When tested longitudinally from a stringline located equidistant above points 50 feet apart, the distance from the stringline to the surface at any two points located 12½ 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 four 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.

In the placement of full depth asphalt pavement, where the chemically treated base is constructed, graded and/or trimmed, full lane width, to a surface tolerance of $\pm 3/8$ inches from design grade, stringline grade controls may be eliminated for the placement of the asphalt drainage course and all asphalt lifts. In addition, where the base course is crushed stone or crushed concrete and is constructed to a surface tolerance of $\pm 3/8$ inches from design grade using a stringline controlled spreader, stringline grade controls may be eliminated for the placement of the asphalt drainage course and all asphalt lifts.

All other tolerances as specified in Section 321 are applicable, except for bases, when tested longitudinally, the maximum deviation when measured at the 12½-foot midpoint shall be $\pm 3/8$ inches.

Acceptance and payment of asphalt will be determined on a lot to lot basis by cores taken from the completed pavement as outlined in Subsection 907-403.03.3.

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 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.

When a portland cement concrete pavement is to be placed on an asphalt lift, the finished top of the asphalt lift shall meet the requirements of Sections 321 and 501.

Sections(s) or portions thereof representing areas excluded from a smoothness test with the High Speed Inertial Profiling System (IPS) shall also be excluded from consideration for a contract price adjustment for rideability.

Any contract price adjustment for rideability will be applied on a continuous basis to the pay tonnage, determined in accordance with Subsections 907-401.02.6.8 and 907-403.04, for the section(s) or portions thereof for which an adjustment is warranted.

Contract price adjustments for rideability shall only be applicable to the surface lift and furthermore to only the long continuous section(s) or portions of the long continuous section(s) of the surface lift that require smoothness be determined by using a profiling device.

907-403.03.2.1--Smoothness Tolerances for Mean Roughness Index (MRI). Smoothness tolerances shall be applied to asphalt pavements based on the following pavement categories.

Category A applies to the following pavement constructions:

- New construction
- Construction with three (3) or more lifts
- Mill and two (2) or more lifts

Category B applies to the following pavement constructions:

- Mill and one (1) lift
- Two (2) lift overlays without milling

Category C applies to the following pavement constructions:

- Single lift overlay without milling
- All 57,650-pound routes regardless of the pavement construction

Additional projects may qualify for Category C construction at the department's discretion. Spot Leveling does not count as a lift. Full width / continuous leveling courses that have a minimum thickness of $\frac{3}{4}$ " across the entire lane width will be considered a lift.

Category A projects shall have a long continuous interval (528-foot) surface MRI of not more than 60 inches per mile.

Category B projects shall have a long continuous interval (528-foot) surface MRI of not more than 70 inches per mile.

Category C projects shall have the existing surface profiled at no additional cost to the State. These projects shall be measured by a long fixed interval (528-foot) surface MRI and meet the higher value of the following requirements:

A 50% improvement in MRI from the existing surface
OR
80 inches per mile

In the case that 50% of the existing surface MRI is greater than 80 inches per mile, the short continuous threshold shall be increased from 160 inches per mile by the difference between 50% of the existing surface MRI and 80 inches per mile.

For all projects, areas of the surface lift with localized roughness greater than 160 inches per mile as determined by the continuous short interval (25') report will be identified for correction by the Project Engineer.

When a project has multiple lifts, the lift underlying the surface lift shall have a MRI of no more than 10 inches/mile more than the surface lift threshold for both long and short continuous intervals. Category B projects containing multiple lifts must meet the Category C percent improvement requirement for the underlying lift. Corrective action must be taken on those segments that do not meet this requirement. No unit price adjustment will be applied on any underlying lift.

For Category A and B projects, a unit price increase will be added when the MRI for the final surface lift, prior to any required localized roughness (short interval) corrective action, is less than or equal to fifty inches per mile (50.0 inches / mile) on the long interval report. These Projects will be considered for incentive pay based on the following guidelines for the long interval surface lift MRI.

Mean Roughness Index inches / mile	Contract Price Adjustment Percent of Asphalt Unit Bid Price
Less than 35.0	108
35.1 to 40.0	106
40.1 to 45.0	104
45.1 to 50.0	102
50.1 to Required Surface MRI	100

In addition to the above pay incentive factors, a project may be subject to a disincentive when the Long Continuous Interval MRI for the surface exceeds the allowable tolerance.

Mean Roughness Index (inches / mile)	Contract Price Adjustment Percent of Asphalt Unit Bid Price
Above 20.0 Over	REMOVE AND REPLACE
15.1 to 20.0 Over	80
10.1 to 15.0 Over	85
5.1 to 10.0 Over	90
0.1 to 5.0 Over	95
Required Surface MRI	100

For Category C projects, segments may be subject to a disincentive when the Fixed Interval MRI for the surface does not meet the minimum requirements.

Percent Improvement MRI (inches/mile)	Contract Price Adjustment Percent of Asphalt Unit Bid Price
Below 30 Percent	REMOVE AND REPLACE
30.1 to 35.0 Percent	80
35.1 to 40.0 Percent	85
40.1 to 45.0 Percent	90
45.1 to 50.0 Percent	95
Above 50%	100

Segment(s) or portions thereof representing areas excluded from a smoothness test shall also be excluded from consideration for a contract price adjustment for rideability. Where a segment less than 528 feet occurs at the end of a section, it will be combined with the preceding 528-foot segment for calculation of MRI. Corrective action must be taken on those sections that exceed the 'Remove and Replace' threshold as directed by the Project Engineer. The minimum remove and replace length will be 528 feet (0.1 mile). Additional smoothness testing shall be required on sections following replacement and will be required to meet *at least* the maximum surface MRI short of 'Remove and Replace' tolerance.

The above pay factors will be applied in conjunction with the Long Continuous Histogram Chart from ProVAL's Smoothness Assurance Module. The price adjustments for rideability will be tabulated in MDOT's Pay Incentive spreadsheet on the basis of a theoretical tonnage of 110 lbs/yd² * inch thickness (pounds per square yard * inch thickness) determined in accordance with Subsections 907-401.02.6.5 and 907-403.04, for the segment(s) or portions thereof for which an adjustment is warranted.

907-403.03.3--Thickness Requirements. 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 pavement. It is understood that the tolerances from design grade will control the thickness requirements.

When grade stakes are eliminated by Notice to Bidders or as outlined in Subsection 907-403.03.2(d) and where resulting in the placement of two (2) or more lifts, acceptance and payment 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 Subsection 907-401.02.6.4, 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 from 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 three-eighths of an inch ($3/8''$) 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 three eighths of an inch ($3/8''$) 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 three eighths of an inch ($3/8''$) 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 Subsection 907-403.05.1.

The cores shall be cut and removed by the Contractor in the presence of the Engineer's representative and turned over to the Engineer's representative for further handling. The Contractor shall fill each core hole with surface lift mixture and compact to the satisfaction of the Engineer within 24 hours after coring.

907-403.03.4--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 or 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 roadway 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 of minimum lift thickness for mixture being used which shall be an approved grade raise for full roadway 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 roadway 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.

907-403.03.5--Overlays or Widening and Overlays. In addition to the requirements of Subsections 907-403.03.1 through 907-403.03.4, the following requirements will be applicable when an existing pavement is to be overlaid or widened and overlaid.

907-403.03.5.1--Blank.

907-403.03.5.2--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 pre-rolling to locate areas of pavement with excessive movement per Section 511.
- (c) Perform selective undercutting and patching as directed per Subsection 907-403.03.5.4.
- (d) Perform pressure grouting as specified in Section 512.
- (e) Clean and seal joints per Section 413.
- (f) Complete preparation on one side of roadway to be widened and place widening

materials.

- (g) Reconstruct shoulders to elevation necessary to assure traffic safety.
- (h) Open the widened section to traffic.
- (i) Complete above work for other side of roadway.
- (j) Perform preliminary leveling as directed.
- (k) Apply interlayer as specified.
- (l) Place the first overall leveling lift.
- (m) After the first overall leveling lift, reconstruct shoulders as necessary to eliminate vertical differentials which may be hazardous to traffic.
- (n) Place first intermediate lift.
- (o) Construct shoulders to the contiguous elevation of the first intermediate lift.
- (p) Place remaining intermediate lift, if required.
- (q) Place surface lift.
- (r) Complete construction of shoulders.
- (s) Apply permanent traffic marking.
- (t) 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, two-way highways should not be restricted to a single lane in excess of a 3,000-foot section.

907-403.03.5.3--Widening of 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 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 Section 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 as specified.

Asphalt for widening, including trench widening, shall meet the applicable requirements of Section 907-401, Section 907-403, and shall be placed in one or more layers as shown on the plans or 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.

907-403.03.5.4--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 asphalt or a combination of compacted layers of aggregate material and asphalt. Unless otherwise specified, the Engineer will make this determination based on depth and field conditions.

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. Aggregate will be measured and paid for under the appropriate pay item as provided in the contract or as extra work.

907-403.03.5.5--Preliminary Leveling. All irregularities of the existing pavement, such as ruts, cross-slope deficiencies, etc., shall be corrected by spot leveling, skin patching, feather edging or a wedge lift in advance of placing the first overall lift.

907-403.03.5.6--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 stringline for laying the adjacent lane should the Contractor 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 stringline 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.

907-403.03.5.7--Protection of Pavement. The pavement shall be protected and properly maintained until it has been compacted and cooled sufficiently for use by traffic.

907-403.04--Method of Measurement. Asphalt pavement, of the type specified, will be measured by the ton. The weight of the composite mixture shall be determined in accordance with the provisions of Subsection 907-401.03.2.1.11.

The pay quantities for each individual job mix formula (JMF) will be calculated using the approved JMF maximum specific gravity (Gmm) and the following formulas.

When the composite mixture has a maximum specific gravity of 2.540 or less,

$$T_p = T_w$$

When the composite mixture has a maximum specific gravity greater than 2.540,

$$T_p = T_w((100 - (((Gmm * A * B) - C) / (Gmm * A * B)) * 100)) / 100$$

Where:

- T_p = Total tonnage for payment
- T_w = Total tonnage weighed, used and accepted
- Gmm = Maximum Specific Gravity of the approved composite asphalt mixture
- A = 46.725 lbs/yd²/in
- B = 0.93 = 93% density
- C = 110.374 lbs/yd²/in = Theoretical density at 2.540 Gmm

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 Section 407.

Joint sealant will be measured by the linear foot for each joint sealed.

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, such 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.

Class "B" structural concrete base substituted for asphalt under portland cement concrete bridge end pavement, as per Subsection 502.03.1, will be paid for as asphalt calculated as follows:

Square yards of portland cement concrete bridge end pavement x concrete base thickness in inches x 0.055 = tons of asphalt.

907-403.05--Basis of Payment. Subject to the adjustments set out in Subsections 907-401.02.6.3, 907-401.02.6.4, 907-401.02.6.5 & 907-403.03.2, asphalt pavement, 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.

Joint sealant will be paid for at the contract unit price per linear foot for each joint which shall be full compensation for furnishing the joint sealant material, cleaning the joint, applying the sealant, and for all equipment, tools, labor, and incidentals necessary to complete the work.

907-403.05.1--Price Adjustment for Thickness Requirement. When grade stakes are eliminated as provided in Subsection 907-403.03.3 and the average thickness of all cores from lots representing a day's production is more than three eighths of an inch (3/8") 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:

$$\text{Individual Day's L.S. Reduction} = \frac{(\text{Monetary Value of the Day's Surface Lift Production}) \times (D - 3/8)}{ST}$$

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 surface lift.

The total L.S. reduction for the project is the summation of the individual day's reductions in payment.

907-403.05.2--Pay Items.

Payment will be made under:

907-403-A: <u>(1)</u> , <u>(4)</u> , Asphalt Pavement	- per ton
907-403-B: <u>(2)</u> , <u>(4)</u> , Asphalt Pavement, Leveling	- per ton
907-403-C: <u>(3)</u> , <u>(4)</u> , Asphalt Pavement, Trench Widening	- per ton
907-403-D: <u>(2)</u> , HT, Asphalt Pavement, Polymer Modified	- per ton
907-403-E: <u>(2)</u> , HT, Asphalt Pavement, Polymer Modified, Leveling	- per ton
907-403-S: Joint Sealant	- per linear foot or mile

- (1) 4.75-mm mixture, 9.5-mm mixture, 12.5-mm mixture, 19-mm mixture, or 25-mm mixture
- (2) 4.75-mm mixture, 9.5-mm mixture, 12.5-mm mixture, or 19-mm mixture
- (3) 19-mm mixture or 25-mm mixture
- (4) ST, MT or HT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-407-2

CODE: (SP)

DATE: 07/22/2014

SUBJECT: Tack Coat

Section 407, Tack Coat, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

907-407.02.1--Bituminous Material. Delete the second sentence of the first paragraph of Subsection 407.02.1 on page 281, and substitute the following:

When not specified, the materials shall be as specified in Table 410-A on page 293.

907-407.03.3--Application of Bituminous Material. Delete the first paragraph of Subsection 407.03.3 on page 281, and substitute the following.

Tack coat shall be applied with a distributor spray bar. A hand wand will only be allowed for applying tack coat on ramp pads, irregular shoulder areas, median crossovers, turnouts, or other irregular areas. Bituminous materials and application rates for tack coat shall be as specified in Table 410-A on page 293. Tack coat shall not be applied during wet or cold weather, or to a wet surface. Emulsions shall be allowed to "break" prior to superimposed construction.

907-407.05--Basis of Payment. Delete the pay item at the end of Subsection 407.05 on page 282, and substitute the following:

907-407-A: Asphalt for Tack Coat *

- per gallon

* Grade may be specified

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-601-1

CODE: (IS)

DATE: 08/29/2007

SUBJECT: Structural Concrete

Division 600, Incidental Construction, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

After the heading **DIVISION 600 - INCIDENTAL CONSTRUCTION**, add the following:

Unless otherwise specified, all testing of Portland cement concrete in Division 600 shall be in accordance with the requirements of Subsection 907-601.02.1.

907-601.02--Materials.

907-601.02.1--General. Delete the second and third sentence of the first paragraph of Subsection 601.02.1 on page 348, and substitute the following:

Sampling and testing will be in accordance with TMD-20-04-00-000 or TMD-20-05-00-000, as applicable.

907-601.03.6.3--Removal of Falsework, Forms, and Housing. Delete the first paragraph, the table and second paragraph of Subsection 601.03.6.3 on pages 349 and 350, and substitute the following:

The removal of falsework, forms, and the discontinuance of heating, shall be in accordance with the provisions and requirements of Subsection 907-804.03.15, except that the concrete shall conform to the following compressive strength requirements:

Wingwall and Wall Forms not Under Stress	1000 psi
Wall Forms under Stress	2200 psi
Backfill and Cover clear	2400 psi

In lieu of using concrete strength cylinders to determine when falsework, forms, and housings can be removed, an approved maturity meter may be used to determine concrete strengths by inserting probes into concrete placed in a structure. The minimum number of maturity meter probes required for each structural component shall be in accordance with Subsection 907-804.03.15. Procedures for using the maturity meter and developing the strength/maturity relationship shall follow the requirements of Subsection 907-804.03.15. Technicians using the maturity meter or calculating strength/maturity graphs shall meet the requirements of Subsection 907-804.03.15.

907-601.05--Basis of Payment. Add the "907" prefix to the pay items listed on page 352.

CITY OF HATTIESBURG

SPECIAL PROVISION NO. 907-608-1

CODE: (XX)

DATE: 8/07/2009

SUBJECT: ASPHALT PAVEMENT TEXTURING

608.01-Description. This work consist of elevating the temperature of an asphalt pavement surface and then pressing a metal template into the surface to replicate, in relief, the grout depressions common to hand-laid brick or cobblestone, or any other design as shown on the drawings or described in the specifications. The imprinted asphalt pavement surface is then coated with a coating or system of coatings specifically formulated for asphalt pavement. It shall include the furnishing and application of coating or system of coatings.

608.02-References

608.02.1. ASTM D-4541 Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Tester.

608.02.2. ASTM D-4060 Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser.

608.02.3. ASTM D522-93A Standard Test Method for Mandrel Bend Test of Attached Organic Coatings.

608.02.4. ASTM G-155 QUV Accelerated Weathering Environment. Standard Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials.

608.02.5. ASTM D-2486 MEK rub test for chemical resistance.

608.02.6. ASTM E-303 British Pendulum test for friction.

608.02.7. EPA 24 ASTM D3960-05 Volatile Organic Compounds.

608.03-Definitions

608.03.1. "Qualified Applicator" is a contractor or applicator who has completed asphalt pavement texturing work and can provide certification and references upon request.

608.03.2. "Textured asphalt Pavement" is asphalt pavement that has been subjected to imprinting or stamping in a specific pattern.

608.04-Submittals. The documents required shall be submitted within 10 days after Notice of Award is issued. The documents are as follows:

608.04.1 Proof of applicator's ability. A copy of the current year license as provided to the proposed applicator issued by a recognized authority in the execution of asphalt pavement texturing work. Failing that, at least 3 reference sites and written references from 3 previous customers for work performed by this applicator.

608.04.2 A list of the major equipment to be used in the execution of the Work. This list will include the asphalt pavement reheat machinery, spray equipment, compactor(s) and templates.

608.04.3 The name of the coating(s) and the coating supplier's name.

608.04.4 Certified performance test results of the coating materials as outlined in Table 1.

608.04.5 Confirmation of coating color(s).

608.05-Construction Requirements

608.05.1 Coatings. Properly designed asphalt pavement coatings have been scientifically formulated to provide the optimal balance of performance properties for a durable, long lasting color and texture to asphalt pavement surfaces. The asphalt pavement coating shall be environmentally safe and meet EPA requirements for Volatile Organic Compounds (VOC). Only asphalt pavement coatings from qualified pavement coating suppliers shall be used. The coating supplier shall provide proof of these required performance properties in Table 1.

608.05.2 Minimum Performance Properties of Asphalt Coatings. The following table outlines the minimum required performance properties of the asphalt pavement coating. These performance properties must be ascertained by a Certificate of Analysis issued by an approved testing facility.

TABLE 1: Required Performance Properties of Asphalt Pavement Coating

Characteristic	Test Specification	Minimum Required result
Durability Taber Abrasion (cycles to wear-through)	ASTM D-4060 Abrasion Resistance of Organic Coatings (wet wear) 7 day cure, 24 hour soak;H-10 wheel	Wear Index (WI) < 5.0
Color stability	ASTM G-155 QUV 2,000 hours (CIE units)	Brick color ΔE < 1.5
Flexibility: Mandrel Bend	ASTM D522-93A Flexibility as measured by Mandrel bend 0.5mm thick sample passes 10 mm at 21°C 0.5mm thick sample passes 125mm at -18°C	
Chemical resistance	ASTM D-2486 Modified MEK scrubs 16 dry mils, number of scrubs until 50% substrate exposed	>5000
Adhesion to Asphalt	ASTM D-4541	Substrate Failure
Friction Wet	ASTM E-303 British Pendulum Tester	>55
Environmental Sensitivity	EPA 24 ASTM D3960-05 Volatile Organic Compounds	VOC < 150

608.05.3 Equipment. The following specialized equipment shall be used in the execution of the Work.

608.05.3.1 Metal wire rope templates are used to create the desired imprint pattern. Metal wire rope shall be $\frac{3}{8}$ " in diameter. Only use templates that have been supplied by a manufacturer who has the proven expertise in manufacturing these templates for this type of application.

608.05.3.2 Only asphalt pavement reheat equipment specifically designed for asphalt pavement texturing shall be used in the execution of this work. The primary asphalt pavement re-heat equipment must cycle the heat application and must allow the equipment operator to check the pavement surface temperature during the heating process. These controls are necessary to enable the pavement temperature to be elevated gradually, giving the operator the ability to ensure that the pavement is not overheated or adversely affected. Heaters without these controls are strictly prohibited as the primary re-heat equipment.

608.05.3.3 Hand-held portable heating devices may be used only for areas where it is difficult to operate the re-heat machine. These may not be used as the primary pavement re-heating device.

608.05.3.4 Finishing tools that are designed to enable the applicator to complete the imprinting of the asphalt pavement in areas which may be inaccessible to the template such as curbs and manhole covers are permitted.

608.05.3.5 Vibratory Plate Compactors shall be used for pressing the templates into the heated asphalt pavement to create the specified pattern.

608.05.3.6 Specialized coating spray equipment must be used in the application of the coating and must be capable of applying the coating to the asphalt pavement surface in a thin, controlled film which will optimize the drying and curing time of the coating. More specifically, the spray equipment pump must be capable of providing a continuous recirculation of the coating in order to keep the solids within the coating in suspension.

608.05.4 Execution

608.05.4.1 General. The pavement texturing system shall be supplied and installed by a Qualified Applicator in accordance with the plans and specifications or as directed by the Owner. Do not begin the Work until confirmation of the Applicator's qualifications is provided in accordance with 608.04.

608.05.4.2 Pre-Conditions – Asphalt Pavement. A highly stable asphalt pavement free of defects is a pre-requisite for the installation of a pavement texturing system. Do not install the pavement texturing system over poor quality asphalt pavement.

608.05.4.2.1 Pre-requisites for new asphalt pavement. A durable and stable asphalt pavement mix design installed according to best practices over a properly prepared and stable substrate is a pre-requisite for all long-lasting asphalt pavement surfaces. The application of a pavement texturing system does not change this requirement.

608.05.4.2.2 Pre-requisites for existing asphalt pavement. Depending upon the condition and age, existing asphalt pavement may or may not be suitable for the successful application of a pavement texturing system. Minimally, the asphalt pavement must be in excellent condition and not have any defects including cracks, ruts or potholes nor demonstrate any flushing, raveling or like deficiencies.

608.05.4.2.3 Pavement Marking Removal: recommended guidelines. Pavement markings may be removed by sandblasting, water-blasting, grinding, or other approved mechanical methods. The removal methods shall, cause no damage to the pavement surface. The Owner shall determine if the removal of the markings is satisfactory for the application of the pavement texturing system. Work shall not proceed until this approval is granted.

608.05.4.2.4 Surface Preparation. The asphalt pavement surface shall be dry and free from all foreign matter, including but not limited to dirt, dust, de-icing materials, and chemical residue.

608.05.4.3 Layout. Layout of the pattern for imprinting into the surface of the asphalt pavement shall be as per the drawings and specifications.

608.05.4.4 Heating the Asphalt Pavement. The Applicator shall use asphalt pavement reheat equipment as described in Section 608.05.3.

The optimal pavement temperature for imprinting the template is dependent upon mix design, modifiers used in the mix, the age of the pavement and weather. The surface temperature of the pavement should not exceed 325°F as determined by an infra-red thermometer reading taken after the heat is applied to the asphalt pavement.

In order to achieve the proper depth of imprint it is important to elevate the asphalt pavement temperature to a minimum depth of 1/2 inch (12.5mm) without burning the pavement surface. This shall be accomplished using asphalt pavement reheat equipment that is specifically designed for this Work.

608.05.4.5 Surface Imprinting. The pavement surface shall be dry and free from all foreign matter, including but not limited to dirt, dust, de-icing materials, and chemical residue.

Once the asphalt pavement has reached imprinting temperature, the templates shall be placed in position and pressed into the surface using vibratory plate compactors. The top of the template is to be flush with the surrounding asphalt pavement and can then be removed. Areas that have an imprint depth less than 3/8 inch shall be re-heated and re-stamped prior to applying the coatings. Hand tooling is a permitted method to achieve proper imprint depth in areas difficult to get at with the template.

608.05.4.6 Application of Asphalt Pavement Coating.

608.05.4.6.1 Application Guidelines. The qualified applicator shall refer to the asphalt pavement coating supplier's recommendations for methods of application. Special care and attention must be paid to ensure asphalt pavement coatings are applied in environmental conditions that permit proper cure.

The coating application shall proceed as soon as possible upon completion of the imprinting of the asphalt pavement.

The pavement surface shall be completely dry and thoroughly cleaned prior to application of the asphalt pavement coating(s).

The qualified applicator shall use spray equipment specifically designed for the application of the coating(s) as outlined in 608.05.3.

Refer to the asphalt pavement coating supplier's recommendations for coating coverage rate, number of recommended passes and recommended film thickness.

608.05.4.7 Opening to Traffic. The surface coating shall be 100% dry before traffic is permitted.

608.06 Method of Measurement. The measured area is the actual area that has received the asphalt pavement texturing. No deduction will be made for the area(s) occupied by manholes, inlets, drainage structures, bollards or by any public utility appurtenances within the area.

608.07 Payment. Asphalt Pavement Texturing will be paid for at the contract unit price per unit specified in the bid schedule of the contract, which shall be full compensation for completing the work.

Payment will be made under:

907-608-E: Asphalt Pavement Texturing

- per square foot

CITY OF HATTIESBURG

SPECIAL PROVISION NO. 907-616-2

CODE: (SP)

DATE: 08/25/2009

SUBJECT: Colored and Imprinted Concrete Median and Island Pavement

Section 616, Median and Island Pavement, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction as amended by this special provision is applicable to Colored And Imprinted Concrete only.

907-616.01--Description. This work consists of furnishing all labor, materials, tools, tests, royalties, services and other incidentals as may be required for the good and proper completion of the colored and imprinted concrete island and median pavement.

The locations for colored and imprinted concrete island and median pavement are shown on the plans, but generally are limited to all proposed concrete islands and concrete median end noses.

The Contractor is advised of additional notes on the plans which call attention to particular requirements or conditions regarding colored and imprinted concrete island and median pavement.

Quality Assurance. Installation shall be performed by an installer with at least one year experience in the placement of colored and imprinted concrete paving systems.

907-616.02--Materials. Colored concrete materials and imprinting tool release agents shall meet the following requirements.

- A. Coloring Agents: Contractor may elect to color the concrete integrally, or may apply dry-shake to the surface of the freshly poured concrete. Whichever method is used, the coloring agent shall be a mineral oxide pigment approved by the Engineer.

Colors for colored and imprinted concrete shall be selected by the Engineer from Standard or Designer color charts, or an approved manufacturer's color charts.

- B. Curing and Finishing Material: Contractor shall utilize a color-matched curing and finishing material recommended by the manufacturer. Curing materials or methods for uncolored concrete shall not be used with Colored and Imprinted Concrete.
- C. Release Agent: Contractor shall utilize a dry-shake powder to facilitate the release of the concrete imprinting tools. The color of the release agent shall match the selected main coloring agent chosen by the Engineer for the concrete.
- D. Imprinting Tools: Tools shall be of high quality and shall provide uniform control of joint depth.

- E. Imprint Tool Pattern: The imprint pattern to be used for all concrete imprinting shall be a 4" x 8" brick herringbone pattern, with a 4" x 8" matching soldier course border used along the perimeter of all proposed concrete islands and median end noses. The Contractor shall reference the plans for pattern layout and orientation of the imprint patterns.

Once the color, method of coloring, and the imprinting tools have received approval from the Engineer, the Contractor shall provide a 4-foot square test panel, separate from proposed island and median end nose areas, to be reviewed and approved by the Engineer. Engineer will evaluate color as compared to color chart and texture of broom finish.

Subsequent test panels may be required, if the finish, imprint quality, or color is unacceptable to the Engineer. The Contractor shall remove unaccepted test panels immediately from site. Accepted panel shall remain until all colored concrete islands and median end noses have been completed by the Contractor, at which time the Contractor shall then remove the acceptable test panel from the site.

907-616.03.4--Handling, Measuring, Proportioning, and Mixing Materials. Should an integral coloring method be selected by the Contractor, the Contractor shall mix coloring agent in strict accordance with the approved manufacturer's written instructions. Copies of the manufacturer's written instructions shall be furnished to the Engineer prior to manufacture and placement of colored concrete.

Should a dry-shake applied coloring method be selected by the Contractor, the Contractor shall measure and apply coloring agent in strict accordance with the approved manufacturer's written instructions. Copies of the manufacturer's written instructions shall be furnished to the Engineer prior to manufacture and placement of colored concrete.

907-616.03.4--Protection and Curing. Protection and curing materials and methods of application for colored and imprinted concrete shall be in strict accordance with the approved manufacturer's written instructions. Copies of the manufacturer's written instructions shall be furnished to the Engineer prior to manufacture and placement of colored concrete.

907-616.04--Method of Measurement. Colored and imprinted concrete median and island pavement, completed and accepted, will be measured by the square foot or square yard. Test panels will not be measured for separate payment.

907-616.05--Basis of Payment. Colored and imprinted concrete median and island pavement, measured as prescribed above, will be paid for at the contract unit price per square foot or square yard, which price shall be full compensation for all labor, tools, materials, equipment, test panels, placement of concrete, imprinting the concrete, and all incidental necessary to complete the work.

Payment will be made under:

907-616-C: Colored and Imprinted Concrete Median and
Island Pavement, Thickness

- per square foot or
square yard

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-618-13

CODE: (SP)

DATE: 06/03/2014

SUBJECT: Temporary Construction Signs

Section 618, Maintenance of Traffic and Traffic Control Plan, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-618.03--Construction Requirements.

907-618.03.2--Barricades, Signs, and Flaggers. Delete the second paragraph of Subsection 618.03.2 on page 414, and substitute the following.

Flaggers shall be stationed at such points as may be deemed necessary.

Temporary construction signs shall be removed as their use becomes inapplicable. However, placing temporary signs and their supports flat on the ground outside the shoulder break line will be allowed.

907-618.05--Basis of Payment. Delete the first two pay items listed on page 418, and substitute the following.

907-618-A: Maintenance of Traffic - lump sum

907-618-B: Additional Construction Signs - per square foot

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

| **SPECIAL PROVISION NO. 907-626-25**

CODE: (IS)

| **DATE: 11/13/2012**

SUBJECT: Thermoplastic Traffic Markings

Section 626, Thermoplastic Traffic Markings, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-626.01--Description. After the last sentence of the first paragraph of Subsection 626.01 on page 443, add the following.

All pavement marking material, excluding edge lines over rumble strips, shall be applied using the extrusion/ribbon method. Edge lines placed over rumble strips shall be applied using the atomization/spray method.

907-626.03.1.1--Equipment. After the second paragraph of Subsection 626.03.1.1 on page 444, add the following.

When edge lines are placed over rumble strips, the equipment must be able to apply the marking material using the atomization/spray method instead of extrusion/ribbon method.

907-626.03.1.2--Construction Details. Delete the second sentence of the first full paragraph of Subsection 626.03.1.2 on page 445, and substitute the following.

Unless otherwise specified in the plans or contract documents, the thickness shall be 90 mils for edge lines, center lines, lane lines, barrier lines and detail stripe including gore markings, and 120 mils for crosswalks, stop lines, and railroad, word and symbol markings.

After the last sentence of the third full paragraph of Subsection 626.03.1.2 on page 445, add the following.

When double drop thermoplastic stripe is called for in the contract, additional beads by the drop-on method shall be applied as follows.

Class A glass beads at a rate of not less than three pounds of beads per 100 feet of six-inch stripe.
Class B glass beads at a rate of not less than three pounds of beads per 100 feet of six-inch stripe.

The Class B glass beads shall be applied to the newly placed stripe first, followed by the application of the Class A glass beads.

907-626.05--Basis of Payment. Delete the pay items listed on page 446 and substitute the following.

907-626-A: 6" Thermoplastic* Traffic Stripe, Skip White	- per linear foot or mile
907-626-B: 6" Thermoplastic* Traffic Stripe, Continuous White	- per linear foot or mile
907-626-C: 6" Thermoplastic* Edge Stripe, Continuous White	- per linear foot or mile
907-626-D: 6" Thermoplastic* Traffic Stripe, Skip Yellow	- per linear foot or mile
907-626-E: 6" Thermoplastic* Traffic Stripe, Continuous Yellow	- per linear foot or mile
907-626-F: 6" Thermoplastic* Edge Stripe, Continuous Yellow	- per linear foot or mile
907-626-G: Thermoplastic* Detail Stripe, <u>Color</u>	- per linear foot
907-626-H: Thermoplastic* Legend, White	- per linear foot or square foot

* Indicate Double Drop if applicable

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-639-8

CODE: (SP)

DATE: 10/28/2014

SUBJECT: Traffic Signal and ITS Equipment Poles

Section 639, Traffic Signal Equipment Poles, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby deleted and replaced as follows.

SECTION 907-639 - TRAFFIC SIGNAL AND ITS EQUIPMENT POLES

907-639.01--Description. This work consists of furnishing all component materials required to form completed independent signal equipment poles and extensions of the types specified and assembling, constructing, erecting and installing same in conformity with these specifications to ensure support poles in accordance with the design(s) and at the lines and grades shown on the plans or as directed.

This work also consists of furnishing and installing support poles and foundations for Intelligent Transportation Systems (ITS) equipment. This work shall consist of assembling, constructing, erecting and installing ground mounted equipment poles with foundations, and equipment poles attached to existing or proposed structures, in conformity with these specifications and in accordance with the design(s) shown on the plans or as directed.

907-639.02--Materials. The materials used in this construction shall conform with the general requirements of these specifications and the specific requirements set out herein.

907-639.02.1--Poles.

907-639.02.1.1--Traffic Signal Poles. Traffic signal poles shall meet the requirements of Subsection 722.02. The traffic signal equipment pole shaft extension shall meet the requirements of the plan.

907-639.02.1.2--Galvanized Steel Poles for Cameras. Ground mounted camera poles and foundations, conduits, connections, clamps, anchor bolts, shoe bases and all other members shall be designed and fabricated in accordance with the standards and requirements listed below. Design and materials documentation shall be furnished as part of the approval request submittal. Certifications will be furnished upon request by the Engineer.

- 1) Poles shall be designed in accordance with the AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaries and Traffic Signals", current edition, including all interims and updates. Design life shall be 50 years for all poles. The design wind speed for all parts of the structure shall be as shown in the design specifications with a minimum of 90 mph. For projects that are in areas with higher wind standards, the higher standard shall be used. The pole shall meet design wind loading with camera(s) installed.

- 2) The Contractor shall submit manufacturer's shop drawings, layout drawings and specifications for equipment and appurtenances for approval by the Engineer no later than ninety (90) days after notice to proceed.
- 3) Pole fabricator shall be certified under Category I, "Conventional Steel Structures" as set forth by the American Institute of Steel Construction Quality Certification Program. Proof of this certification will be required.
- 4) All welding shall be in accordance with Sections 1 through 8 of the American Welding Society (AWS) D1. 1 Structural Welding Code. Tackers and welders shall be qualified in accordance with the American Welding Society Structural Welding code. Tube longitudinal seam welds shall be free of cracks and excessive undercut, performed with automatic processes, and be visually inspected. Longitudinal welds suspected to contain defects shall be magnetic particle inspected. All circumferential butt welded pole and arm splices shall be ultrasonically and radio graphically inspected. All inspection records will be furnished to the Engineer.
- 5) Camera pole system shall consist of a pole, anchor bolts, base plate, ground rod array, communication and power conduits to nearest pull box, grounding conduit, spare conduit and foundation.
- 6) Design computations for the camera poles shall be complete and shall include but not be limited to the following:
 - Consideration shall be given for all parts of the structure.
 - Consideration shall be given for all possible loading combinations including wind and ice loads.
 - Computations shall include design stresses and allowable stresses for all components which comprise the proposed structure.
 - Top of pole deflection shall not exceed 1-inch deflection from center due to 30 mph (non-gust) winds for the 50-foot poles.
 - All complete shop drawings and design computations shall bear the stamp of a Professional Engineer registered in the State of Mississippi.
 - Shop drawings shall be approved by the Engineer prior to fabrication. Approval of the shop drawings does not relieve the Contractor of responsibility for the design, fabrication and erection of the structure.
 - The Engineer reserves the right to reject a pole design if the calculated deflection exceeds that specified herein.
 - The foundation design shall be based on actual soil conditions from soil borings conducted by the Contractor. The cost of the soil borings shall be included in the cost of the pole.
 - The calculations shall include a pole, base plate, and anchor bolt analysis. The pole calculations shall be analyzed at the pole base, 5-foot pole intervals, and at each slip joint splice.
- 7) For each pole shown in the Plans, the following information shall be given:
 - Top/bottom diameter, taper rate, wall thickness, section modulus, moment of inertia, and cross sectional area for each pole section.
 - The centroid, weight, projected area, drag coefficient, velocity pressure, and wind force of each trapezoidal pole section.

- The axial force, shear force, primary moment, total moment, axial stress, bending stress, allowable axial stress, allowable bending stress, allowable shear stress and combined stress ratio (CSR) at each pole section.
 - The pole's angular and linear deflection at each section.
- 8) Pole Mounted Cabinet Access Conduit Nipple:
- Each pole will be manufactured with a 2-inch diameter rigid threaded nipple for conduit connection to a pole-mounted cabinet.
 - The height of this nipple above the base of the pole shall be such that a cabinet mounting height of three (3) feet above ground can be provided.
- 9) Hand Holes:
- Hand hole openings shall be reinforced with 2-inch wide hot rolled steel bar. The opening shall be rectangular and 5" x 8" nominal.
 - The cover shall be 11-gauge steel and shall be secured to a clip-on lock with a tamper-proof screw.
 - The reinforcing rim shall be provided with a ½-inch tapped hole and ½-inch hex head cap screw for grounding.
 - Hand holes on poles with pole-mounted cabinets and transformers shall be placed toward oncoming traffic. For all other poles, hand holes shall face away from traffic.
 - Section at hand hole to be reinforced to have equivalent section modulus as the section without the hand hole.
- 10) Cable Supports (J-Hooks & Eyelets): Top and bottom J-hooks and eyelets shall be located within the pole directly aligned with each other.
- 11) Base Plate:
- Base plates shall conform to ASTM A572 (50 ksi min. yield).
 - Plates shall be integrally welded to the tubes with a telescopic welded joint or a full penetration butt weld with backup bar.
 - Plates shall be hot dip galvanized.
- 12) Anchor Bolts:
- Anchor bolts shall conform to the requirements of AASHTO M314-90 (105 ksi min. yield.) The upper 12 inches of the bolts shall be hot dip galvanized per ASTM A153.
 - Each anchor bolt shall be supplied with two (2) hex nuts and two (2) hardened washers.
 - The strength of the nuts shall equal or exceed the proof load of the bolts.
 - The top nut shall be torqued so as to produce 60% yield stress of anchor bolt.
 - The Contractor shall not grout between bottom of base plate and top of concrete foundation.
- 13) Pole heights shall be as indicated on the plans.

907-639.02.1.3--Galvanized Steel Poles for Detectors. Ground mounted detector poles and foundations, conduits, connections, clamps, anchor bolts, shoe bases and all other members shall be designed and fabricated in accordance with the standards and requirements listed below. Design and materials documentation shall be furnished as part of the approval request submittal. Certifications will be furnished upon request by the Engineer.

- 1) Poles shall be designed in accordance with the AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaries and Traffic Signals", current edition,

including all interims and updates. Design life shall be 50 years for all poles. Poles shall be designed to withstand the specified forces including those produced by a 100 mph wind with a 1.14 gust effect factor.

- 2) The Contractor shall submit manufacturer's shop drawings, layout drawings and specifications for equipment and appurtenances for approval by the Engineer no later than ninety (90) days after notice to proceed.
- 3) Pole fabricator shall be certified under Category I, "Conventional Steel Structures" as set forth by the American Institute of Steel Construction Quality Certification Program. Proof of this certification will be required.
- 4) Poles shall be formed from a single sheet of hot rolled weldable grade steel, galvanized in accordance with ASTM Designation: A 123. Unless otherwise noted on the plans, poles shall be made from steel meeting the requirements of ASTM Designation: A 572 Grade 55, or A 595 Grade A. Minimum yield strength shall be 48,000 psi after fabrication. Design wind loading shall be as indicated on the plans. The pole shall meet design wind loading with detector(s) installed.
- 5) Poles shall have a constant taper of 0.14 inch nominal per foot.
- 6) All poles shall be equipped with a breakaway device which conforms to the latest AASHTO and FHWA requirements, which have been approved by same. The Contractor shall submit a manufacturer's certification with the pole shop plans stating that the device meets, or exceeds, these standards.
- 7) Pole heights shall be as indicated on the plans.
- 8) Detector pole system shall consist of, but not be limited to a pole, anchor bolts, breakaway base, base plate, ground rod array, communication and power conduit to nearest pull box, grounding conduit, spare conduit and foundation as shown on the Plans.
- 9) Anchor bolts, washers and hex nuts shall be made of steel in accordance with ASTM Designation: F 1554, Grade 55, and shall be galvanized as per ASTM Designation: A 153. Anchor bolts shall be provided for each pole with two (2) hex nuts and washers per bolt. Anchor bolts shall be "L" shaped; minimum yield strength shall be 50,000 psi. A bolt layout template shall be provided by the manufacturer for proper bolt installation. The number of anchor bolts and design yield strength shall be as recommended by the manufacturer.

907-639.02.1.4--Aluminum Poles for Detectors. Ground mounted detector poles and foundations, conduits, connections, clamps, anchor bolts, breakaway bases and all other members shall be designed and fabricated in accordance with the standards and requirements listed below. Design and materials documentation shall be furnished as part of the approval request submittal. Certifications will be furnished upon request by the Engineer.

- 1) Poles shall be designed in accordance with the AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaries and Traffic Signals", current edition, including all interims and updates. Design life shall be 50 years for all poles. The design wind speed for all parts of the structure shall be as shown in the design specifications with a minimum of 90 mph. The pole shall meet design wind loading with detector(s) installed.
- 2) The Contractor shall submit manufacturer's shop drawings, layout drawings and specifications for equipment and appurtenances for approval by the Engineer no later than ninety (90) days after notice to proceed.

- 3) Poles shall be spun or formed from aluminum seamless tubing meeting requirements of ASTM Designation: B 210, Alloy 6063-T4 and after fabrication shall have mechanical properties not less than those specified for Alloy 6063-T6. The poles may also be formed from aluminum plates or sheets meeting the requirements of ASTM Designation: B 209, Alloys 5052-H34 or 5086-H34.
- 4) External surface of poles shall have a satin-type finish, clean and smooth, with all details defined and true to pattern.
- 5) Poles shall have a constant taper of 0.14 inch nominal per foot.
- 6) All poles shall be equipped with a breakaway device which conforms to the latest AASHTO and FHWA requirements, which have been approved by same. The Contractor shall submit a manufacturer's certification with the pole shop plans stating that the device meets, or exceeds, these standards.
- 7) Pole heights shall be as indicated on the plans.
- 8) Detector pole system shall consist of, but not be limited to a pole, anchor bolts, breakaway base, base plate, ground rod array, communication and power conduit to nearest pull box, grounding conduit, spare conduit and foundation as shown on the Plans.
- 9) Anchor bolts, washers and hex nuts shall be made of steel in accordance with ASTM Designation: F 1554, Grade 55, and shall be galvanized as per ASTM Designation: A 153. Anchor bolts shall be provided for each pole with two (2) hex nuts and washers per bolt. Anchor bolts shall be "L" shaped; minimum yield strength shall be 50,000 psi. A bolt layout template shall be provided by the manufacturer for proper bolt installation. The number of anchor bolts and design yield strength shall be as recommended by the manufacturer.

907-639.02.1.5--Structure-Mounted ITS Equipment Poles. Structure-mounted equipment poles and conduits, connections, clamps, mounting hardware and all other members shall be designed and fabricated in accordance with the standards and requirements listed below. Design and materials documentation shall be furnished as part of the approval request submittal. Certifications will be furnished upon request by the Engineer.

- 1) Poles shall be designed in accordance with the AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaries and Traffic Signals", current edition, including all interims and updates. Design life shall be 50 years for all poles. The design wind speed for all parts of the structure shall be as shown in the design specifications with a minimum of 90 mph. For projects that are in areas with higher wind standards, the higher standard is required. The pole shall meet design wind loading with all equipment installed.
- 2) The Contractor shall submit manufacturer's shop drawings, layout drawings and specifications for equipment and appurtenances for approval by the Engineer no later than ninety (90) days after notice to proceed.
- 3) Pole fabricator shall be certified under Category I, "Conventional Steel Structures" as set forth by the American Institute of Steel Construction Quality Certification Program. Proof of this certification will be required.
- 4) All welding shall be in accordance with Sections 1 through 8 of the American Welding Society (AWS) D1.1 Structural Welding Code. Tackers and welders shall be qualified in accordance with the American Welding Society Structural Welding code. Tube longitudinal seam welds shall be free of cracks and excessive undercut, performed with

automatic processes, and be visually inspected. Longitudinal welds suspected to contain defects shall be magnetic particle inspected. All circumferential butt welded pole and arm splices shall be ultrasonically and radio graphically inspected. All inspection records will be furnished to the Engineer.

- 5) ITS equipment pole system shall consist of a pole, connectors, clamps, mounting hardware, ground wires and rods, grounding conduit, and communication and power conduits to nearest pull box.
- 6) Design computations for structure-mounted poles shall be complete and shall include but not be limited to the following:
 - Consideration shall be given for all parts of the structure.
 - Consideration shall be given for all possible loading combinations including wind and ice loads.
 - Computations shall include design stresses and allowable stresses for all components which comprise the proposed structure.
 - Top of pole deflection shall not exceed 1-inch deflection from center (2-inch deflection diameter) due to 30 mph (non-gust) winds.
 - All complete shop drawings and design computations shall bear the stamp of a Professional Engineer registered in the State of Mississippi.
 - Shop drawings shall be approved by the Engineer prior to fabrication. Approval of the shop drawings does not relieve the Contractor of responsibility for the design, fabrication and erection of the structure.
 - The Engineer reserves the right to reject a pole design if the calculated deflection exceeds that specified herein.
 - The calculations shall include a pole, base plate, and anchor bolt analysis. The pole calculations shall be analyzed at the pole base, 5-foot pole intervals, and at each slip joint splice.
- 7) For each pole shown in the Plans, the following information shall be given:
 - Top/bottom diameter, taper rate, wall thickness, section modulus, moment of inertia, and cross sectional area for each pole section.
 - The centroid, weight, projected area, drag coefficient, velocity pressure, and wind force of each trapezoidal pole section.
 - The axial force, shear force, primary moment, total moment, axial stress, bending stress, allowable axial stress, allowable bending stress, allowable shear stress and combined stress ratio (CSR) at each pole section.
 - The pole's angular and linear deflection at each section.
- 8) Hand Holes:
 - Hand hole openings shall be reinforced with 2-inch wide hot rolled steel bar. The opening shall be rectangular and 5" x 8" nominal.
 - The cover shall be 11-gauge steel and shall be secured to a clip-on lock with a tamper-proof screw.
 - The reinforcing rim shall be provided with a ½-inch tapped hole and ½-inch hex head cap screw for grounding.
 - Section at hand hole to be reinforced to have equivalent section modulus as the section without the hand hole.

- 9) Cable Supports (J-Hooks & Eyelets): Top and bottom J-hooks and eyelets shall be located within the pole directly aligned with each other.
- 10) Pole heights shall be as indicated on the plans.

907-639.02.2--Traffic Signal Mast Arms. Traffic signal mast arms and mast arm extensions shall be steel meeting the requirements of Subsection 722.16.

907-639.02.3--Foundations.

907-639.02.3.1--Foundations for Traffic Signal Poles. Cast-in-place foundations for concrete, steel, and/or aluminum shafts shall be as specified on plans, and shall be cast of reinforced Class "B" Concrete conforming to the requirements of Sections 601 and 602. Anchor bolts, washers, and hexagon bolts for use in the foundation shall conform to Subsections 722.11 and 722.12. The anchor bolt shall be galvanized only through the threaded section and a minimum of six inches below the top of the concrete foundation. The foundation bolts shall be set in the concrete foundation to fit the bolt circle of each type of pole. Conduit for electric cable shall comply with the requirements for such materials as set out in Subsection 722.05.

907-639.02.3.2--Foundations for ITS Poles. Cast-in-place foundations for ground mounted equipment poles shall be Contractor Designed in accordance with this specification and the plans. It shall be cast with reinforced Class "B" Concrete conforming to the requirements of Sections 601 and 602. Anchor bolts, washers and hex nuts for use in the foundation shall conform to requirements set forth in these specifications. Conduit for electric cable and fiber optic cable shall comply with the requirements for such materials as set out in Subsection 722.05.

907-639.03--Construction Requirements.

907-639.03.1--Installation of ITS Equipment. All equipment shall be installed according to the manufacturer's recommendations. Materials and associated accessories/adapters shall not be applied contrary to the manufacturer's recommendations and standard practices. ITS equipment pole systems shall be installed as indicated on the Plans and shall conform to the following requirements:

- 1) All poles shall be installed in accordance with the National Electric Safety Code and the latest AASHTO standards.
- 2) Foundations for ground mounted poles:
 - The Contractor shall submit a design for each pole foundation that has been sealed by a Professional Engineer registered in the State of Mississippi.
 - Excavation for concrete foundations shall be opened vertically in accordance with the methods of Section 206 with a tolerance of plus two inches from neat lines and grades as shown on the Plans or required by local conditions. Adjacent earth shall be compacted sufficiently to withstand the loadings set out in Subsections 907-639.02.1 and 907-639.02.2.

- If soil conditions require the use of any shoring, casings, or sonotube for proper installation of the foundations, the cost of the shoring, casings or sonotube shall be included in the cost of the pole and foundation.
- Before placing concrete, the Contractor shall place reinforcing bars, conduit and anchor bolts, all in accordance with plan details, and held rigidly in place by approved methods.
- Concrete foundations shall be formed, cast and cured in accordance with the provisions of Section 601. The top surface shall be finished smooth, and sloped to drain.
- Concrete shall cure a minimum of seven (7) days before any load is applied to the foundation.
- Conduit shall be installed in the pole foundation for access and includes conduit to the nearest pull box as shown in the Plans.
- A minimum of one 2-inch spare conduit shall be installed in all pole foundations as shown in the Plans. Spare conduits in pole foundations shall be sealed with blank duct plugs.

3) Grounding System:

- The Contractor shall supply and install a grounding system with ground rod array at the base of all poles as shown on the Plans.
- The ground rod array system shall be connected to the pole through an appropriate ground clamp.
- A #6 AWG copper stranded bonding wire shall be installed between the pole and the field cabinet providing a common ground system for each site.
- All ground bonding wires shall be un-spliced.

4) The installation method for the CCTV poles and cameras shall be such that the camera can be rotated as needed around the pole for optimum placement.

907-639.03.2--Foundations. In some instances, it may be necessary to use slip casing to keep the foundation holes open. Casing may be required in portions of the holes that are not stable. Casings authorized by the Engineer shall be of suitable size and strength to accommodate the drilling equipment and to withstand ground-pressures and removal operations without deformation of the poured shaft. When removed, the casings shall revert to the Contractor for disposal.

Due to the soil conditions in certain areas, the plans may indicate locations where the concrete shall be placed with a tremie. When a tremie is used, it shall perform in accordance with the requirements in Subsection 907-804.03.9 of the Standard Specifications.

907-639.03.2.1--Foundations for Traffic Signal Poles. Excavation for concrete foundations or butts shall be opened vertically in accordance with the methods of Section 801 with a tolerance of plus two inches from neat lines and grades as shown on the plans or required by local conditions. Adjacent earth shall be compacted sufficiently to withstand the loadings set out under Subsection 722.02.1.3. Before placing concrete, the Contractor shall place reinforcing bars, conduit and anchor bolts, all in accordance with plan details, and held rigidly in place by approved methods. Concrete foundations shall be formed, cast and cured in accordance with the provisions of Section 601. The top surface shall be finished smooth, and sloped to drain.

907-639.03.2.2--Foundations for Ground Mounted ITS Poles. Pole foundations shall be constructed as per the details on the plans, these specifications, and Section 803 of the Standard Specifications. Casings, if required, will be in accordance with Section 803 of the Standard Specifications.

907-639.03.3--Setting and Aligning Traffic Signal Poles. Traffic signal poles anchored to the concrete foundation or with precast butts shall have sufficient rake so as to assume a vertical position when the load is applied. Poles with precast butt shall be wet-tamped in place with crushed aggregate, concrete or satisfactory cement stabilized soil, as directed. Poles set on concrete foundations may use leveling nuts to align poles. After alignment of pole on the concrete foundation is completed, the entire area between the bottom of the pole and the top of the concrete foundation shall be filled with grout meeting the requirements of Subsection 714.11. Careful aligning of the poles shall be considered a most essential feature of the installation of the assembly and shall be as nearly perfect as practicable.

907-639.04--Method of Measurement. Traffic signal equipment pole of the type specified will be measured as a unit quantity per each, which measurement shall include the pole, mast arms and all other incidentals necessary to complete the equipment pole.

Traffic signal equipment pole shaft extension of the type specified will be measured as a unit quantity per each, which measurements shall include the pole attachment, shaft, and all other mounting attachments necessary to extend a shaft as required in the plans.

Traffic signal equipment pole mast arm extension, as indicated, will be measured as a unit quantity per each, which measurements shall include the mast arm extension and all other mounting attachments necessary to extend the arm as indicated.

Traffic signal pole foundations of the size specified will be measured by the cubic yard, which measurement shall be the area bounded by the vertical planes of the neat lines of the foundation.

Camera pole with foundation and detector pole with foundation will be measured as a unit quantity per each. No separate payment will be made for camera and detector pole foundations. Measurement for progress payments for camera and detector poles may be made as follows.

- 1) 25% of the contract unit price upon complete installation of foundations;
- 2) Additional 45% of the contract unit price upon delivery of poles or structure to the site; and
- 3) Final 30% of the contract unit price upon complete installation of pole system

Structure-mounted equipment pole will be measured as a unit quantity per each. Measurement for progress payments for Structure-mounted equipment pole may be made as follows.

- 1) 70% of the contract unit price upon delivery of poles or structure to the site; and
- 2) Final 30% of the contract unit price upon complete installation of pole system

Slip casings of the size specified will be measured by the linear foot from the ground elevation to the bottom of the strata needing to be cased.

907-639.05--Basis of Payment. Traffic signal equipment pole and traffic signal equipment pole extension of the type specified, measured as provided in above, will be paid for at the contract unit price per each, which price shall be full compensation for furnishing all materials, erecting, installing, connecting and testing poles, pole bases, mast arms, caps, covers, ground wire, ground rods, hardware and for all equipment, tools, labor and incidentals necessary to complete the equipment pole.

Traffic signal equipment pole mast arm extension, measured as provided above, will be paid for at the contract unit price per each, which price shall be full compensation for furnishing all materials, for installing the mast arm extension and for all equipment, tools, labor, and incidentals necessary to complete the work.

Traffic signal pole foundations, measured as prescribed above, will be paid for at the contract unit price per cubic yard, which price shall include full compensation for structure excavation, reinforcing steel, anchor bolts; for placing, curing, and installing concrete; for replacing sod and final clean-up; and for all equipment, labor, tools and incidentals necessary to complete the foundation.

Camera pole with foundation and detector pole with foundation, measured as prescribed above, will be paid for at the contract unit price per each, which price shall be full compensation for furnishing all materials, for excavating, backfilling, replacing sod, and for all constructing, placing, curing, erecting, installing, connecting and testing; for foundations, poles, pole bases, conduit inside foundation and to nearest pull box as indicated on the Plans, wiring between camera and field cabinet, connections to support structures, caps, covers, ground wire, ground rods, hardware and for all equipment, tools, labor and incidentals necessary to complete the work, including remote and local control of the camera site complete in place and ready for use.

Structure-mounted equipment pole, measured as prescribed above, will be paid for at the contract unit price per each, which price shall be full compensation for furnishing all materials, for all constructing, placing, erecting, installing, connecting and testing, for poles, conduit between structure attachment location and nearest pull box as indicated on the Plans; wiring between pole-mounted devices and field cabinet; all structure-mounting hardware indicated on the Plans, caps, covers, ground wire, ground rods, hardware and for all equipment, tools, labor and incidentals necessary to complete the work, including remote and local control of the camera site complete in place and ready for use.

No separate payment will be made for camera and detector pole foundations.

Slip casings, measured as prescribed above, will be paid for at the contract price per linear foot, which price shall be full compensation for all materials, tools, equipment, labor, and incidentals necessary to complete to work.

Payment will be made under:

907-639-A: Traffic Signal Equipment Pole, Type ____	- per each
907-639-B: Traffic Signal Equipment Pole Shaft Extension *	- per each
907-639-C: Pole Foundations, ____ Diameter	- per cubic yard
907-639-D: Slip Casing, ____ Diameter	- per linear foot
907-639-E: Camera Pole with Foundation, ____' Pole	- per each
907-639-F: Detector Pole with Foundation, ____' Pole	- per each
907-639-G: Traffic Signal Equipment Pole Mast Arm Extension *	- per each
907-639-H: ITS Equipment Pole, Structure Mounted, ____' Pole	- per each

* Additional information may be indicated

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-649-5

CODE: (SP)

DATE: 10/29/2013

SUBJECT: Video Vehicle Detection

Section 649, Video Vehicle Detection, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

Delete in total Subsection 649 beginning on page 533, and substitute the following.

SECTION 907-649 -- VIDEO VEHICLE DETECTION

907-649.01--Description. This special provision specifies the minimum requirements for Video Detection Systems (VDS) and Multi-Sensor Detection Systems (MSDS) furnished and installed in accordance with the design(s) for the location(s) designated on the project plans, in any related notice to bidders, or as directed. The work shall consist of providing all labor, materials, equipment, and incidentals necessary to furnish, install, test, and operate VDS and/or MSDS that are integrated with MDOT's Traffic Management/Operations Centers (TMC).

The Type 1 Video Detection System will provide roadway monitoring capabilities via digitized video images transmitted over an Ethernet network and will provide traffic data collection of vehicle parameters including, but not limited to, speed, presence, occupancy, volume, video snapshots and MPEG-4 streaming video of the intersection. All of the real-time data shall be reported locally or remotely and be viewable from a customized secure user-friendly website hosted by the VDS vendor. The Type 1 Video Detection System will be used at all intersections where traffic data collection is required. The work shall consist of providing all labor, materials, equipment, and incidentals necessary to furnish, install, and test Video Detection Systems. This work consists of furnishing and installing video detection system equipment complete and ready for service.

The Type 2 Video Detection System will provide presence or pulse detection for Traffic Signal Controller inputs. The Type 2 Detection Systems will be used at intersections that only require presence detection for traffic signal control. The work shall consist of providing all labor, materials, equipment, and incidentals necessary to furnish, install, and test Video Detection Systems. This work consists of furnishing and installing video detection system equipment complete and ready for service.

The Multi-Sensor Detection System (MSDS) will provide detection of vehicles on a roadway using a multi-sensor detection system for Traffic Signal Controller inputs. The multi-sensor system shall utilize two different sensors of different technologies, video imaging and radar, to detect and track vehicles. The module shall process information from both video imaging and radar sensors simultaneously in real-time. The work shall consist of providing all labor, materials, equipment, and incidentals necessary to furnish, install, and test the Multi-Sensor

Detection Systems. This work consists of furnishing and installing multi-sensor detection system equipment complete and ready for service.

907-649.02--Materials.

907-649.02.1--Materials Type 1 Vehicle Detection System.

907-649.02.1.1--General. The video detection system hardware will typically consist of two major components:

- 1) Video Camera Sensors (color) with zoom lens (one sensor in each direction)
- 2) Video Detection System Processor (inside the sensor for Type 1 system)

907-649.02.1.2--Functional Requirements for Type 1 Detection System. The VDS shall be capable of monitoring vehicles on a roadway via processing of video images and providing discrete detection of vehicles and functional detection parameters on a per lane basis for each of the following:

- 1) Presence of moving or stopped vehicles (a vehicle that has not moved for a user-definable length of time)
- 2) Traffic volume (absolute number of discrete vehicles per time interval per lane)
- 3) Speed (average lane speed in mph)
- 4) Occupancy (individual lane occupancy measured in percent of time)
- 5) Density (average lane density volume/speed)
- 6) Headway (average time interval between vehicles by lane in seconds)
- 7) Vehicle classification and volumes per lane by user-selectable vehicle lengths (minimum four (4) bins)
- 8) Wrong Way vehicle detection
- 9) Alarms for the following:
 - a. wrong-way vehicles
 - b. speed threshold
 - c. vehicle classifications
- 10) Loop Emulation based on single or dual loops for a minimum of four (4) lanes.
- 11) Provide direct real-time iris and shutter speed control and be equipped with an integrated auto zoom/auto focus lens that can be changed using computer software.
- 12) Shall be fully IP-enabled and addressable from the video detection system processor, with all configuration, detection data, and encoded video stream available on a single Ethernet interface.
- 13) Shall provide MPEG-4 streaming video output.
- 14) Shall provide all data and video communications over the power supply conductors as shown on the Plans.

907-649.02.1.3--System Features. As a minimum, the system shall include the following features:

- 1) Shall be capable of detecting and storing discrete lane data for either approaching or

- receding vehicles in at least four (4) lanes and two (2) shoulders / emergency lanes.
- 2) When this function is required in the Plans, shall provide a contact closure interface to a traffic controller or other device, this interface shall accept eight (8) contact closure inputs (usually red and green control signals) and provide sixteen (16) contact closure outputs to a traffic signal controller. For a SDLC interface to a NEMA T52 traffic controller, this interface shall display 32 phase colors and emulate up to four (4) bus interface units (BIU).
 - 3) Shall include software with the capability to define detectors through interactive graphics by placing lines and/or boxes or polygons defined by a minimum of four points.
 - 4) Shall be a tracking based system or a system of detection zones (lines and/or boxes) which may assign logical functions to one detector or a group of detectors to accomplish directionality or classification.
 - 5) Shall be capable of programming the expected flow direction of traffic to facilitate alarm generation for vehicles traveling in the wrong direction.
 - 6) Shall be capable of operating as a stand-alone unit when communication to the central system is lost, calculating traffic parameters in real-time and storing data in its own non-volatile memory.
 - 7) Shall be capable of compensating for camera movement attributable to temperature effects, wind shifts, pole sway, pole expansion, or vibration of the mount when attached to bridges, sign structures or other structures.
 - 8) Shall allow for detection zone calibration for accommodating perspective variations due to varying camera heights and angles.
 - 9) Shall provide for day and night operation.
 - 10) Shall provide for communications interface to the video detection system processor through a cabinet-mounted interface panel that terminates the power/communications conductors to the processor and provides the Ethernet interface to the processor.

907-649.02.1.4--Detection Configurations. The VDS shall be programmable for the following detector configurations; at a minimum they shall perform the following functions:

- 1) Count Detector
- 2) Presence Detector
- 3) Speed Detector
- 4) Station Detector
- 5) Speed Alarm
- 6) Lane Detector
- 7) Tunnel Detector

The Speed Detector shall report vehicle speed and vehicle classification based on five user-defined length categories, satisfying the four generalized category requirement recommended by FHWA.

907-649.02.1.5--VDS Software Requirements. The VDS sensor shall store cumulative traffic statistics, internally in non-volatile memory, for later retrieval and analysis. The VDS sensor shall have at least 5 Mb of memory for data storage. Data collection shall not require additional modules or extra software.

The real-time traffic data and color video shall be viewable through a standard web browser using a data collection and management service (DCMS). The DCMS license will be for a twenty-four month period and start from the date of acceptance of the Final Inspection. The manufacturer shall display the data and streaming video real-time on a custom web-site which can be linked to MDOT's internal web-sites, MSTRaffic.com & GoMDOT.com. The DCMS provider must guarantee 95% uptime. All collected data (except video) shall be archived once a month and two electronic copies sent to MDOT. MDOT requires the ability to create and print custom data reports in Excel or HTML by accessing the manufacturer website and filtering data using reporting parameters. In addition, MDOT requires the capability of having all "raw" data sent directly to an MDOT owned data collection server.

The VDS shall have the capability of polling any and all video detector sensors through communication interfaces, including but not limited to, fiber, wireless, leased broad-band, and leased point to point T1.

The DCMS Server shall be able to generate details including, but not limited to the following:

- 1) Microsoft Excel, SQL, XML, Jscript database technology
- 2) Microsoft .NET Framework, including support for ASP.NET
- 3) Custom, automated reports, alarms, ftp, and e-mail services.
- 4) Report Manager Graphic User interface (GUI) to customize data distribution and reporting.

907-649.02.1.6--Detection Requirements. Unless otherwise shown in the Plans, the Video Detection System shall detect vehicle passage and presence when the VDS camera assembly is mounted 40 feet or higher above the roadway, when the camera is located adjacent to or over the desired coverage area, and when the distance to the farthest detection zone locations are not greater than ten (10) times the mounting height of the camera.

Optimum accuracy shall be achieved when the length of the detection area or field of view is not greater than four (4) times the mounting height of the image sensor.

The camera shall not be required to be directly over the roadway to achieve minimum accuracy requirements.

The video detection system shall be able to use a single camera to view either approaching and/or receding traffic in the same field of view.

907-649.02.1.7--Accuracy Requirements and Measurement Methods. The accuracy will be measured under normal weather conditions (i.e., not during rain, snow, fog etc.) when the VDS sensor camera is mounted 40 feet or higher, or as otherwise shown in the Plans, above the travel lanes, when the image sensor is adjacent to desired coverage areas, and when the distance to the farthest detection zone is less than four (4) times the mounting height measured in a straight line along the center axis of the field of view.

The Video Detection System shall provide a level of accuracy of less than 5% error rate based on volume counts for the entire field of view compiled over multiple time intervals that contain a minimum of 300 vehicles.

Volume - The volume (count) of vehicles in each lane collected by the video detection system must be within five percent ($\pm 5\%$) of the manually counted volume for that lane. These levels of accuracy must be provided during both day and night conditions. A minimum of three hundred (300) vehicles must be used as a sample size for the entire field of view for volume counting accuracy checking.

Vehicle Classification - The vehicle classification feature must classify at least eighty percent (80%) of the vehicles correctly by classifying vehicles into one of four bins (FHWA categories) by vehicle length. This feature will be tested by manually classifying vehicles into cars, light trucks or tractor trailer or larger trucks using an observer (who does the classification) and video tape using the same samples as collected for the volume test. The manually collected classification data will be compared to the data collected by the system for each lane and the percent error will be calculated for the entire field of view.

Stopped Vehicle Detection - The vehicle detection system shall be capable of detecting 95% of all vehicles stopped on the shoulders or in lanes and triggering an alarm. Because of the possible dangers to motorists and workers during this test, the test will be completed after operation has been enabled. A vehicle will be sent to the location and stopped on a shoulder in an active detection zone. An inspector or TMC operator will observe to verify the detection of the stopped vehicle. This test will be performed on all of the video detection system installations up to five, or on a random sample of five if the total number of video detection system installations is greater than this. If all parameters are met for all locations tested, all that are installed on the project will be considered acceptable. If one or more locations fail, a second set of five locations will be examined. If a failure in the second set is recorded, the Contractor will be required to take remedial action until a pass of five locations is achieved.

Speed - The system shall provide an average vehicle speed measurement within ten percent ($\pm 10\%$) of actual speeds. These levels of accuracies shall be provided for traffic traveling between 20 and 75 mph. These levels of accuracies shall be provided during both day and night conditions. Personnel participating in and observing these tests will use either radar detectors or probe vehicles to conduct this accuracy demonstration. This test will be performed after the system is in operation as described in the stopped vehicle tests. Failure to achieve accuracy will require remedial/corrective action by the Contractor and repeated testing until accuracy is achieved.

Other Parameters (Occupancy, Flow Rate, Headway, Density) - If the measurements of speed and volume as described above fall within acceptable specified limits of accuracy, and the system is demonstrated to be able to provide the calculated values for these parameters, no further testing will be required. The formulas/algorithms used for the calculations by the system will be provided to the MDOT State Traffic Engineer as part of the documentation of the system.

907-649.02.1.8--Video Camera Sensor. The video camera sensor shall be compatible with the

Video Detection System processor and as a minimum meet the following requirements:

- 1) Lens: The video camera sensor will be equipped with a 16X to 22X motor driven variable focal length zoom lens.
- 2) Image Sensor: Minimum resolution of 470H X 350V TV lines.
- 3) The Sensor's picture element shall be 768H pixels X 494V pixels or greater.
- 4) Input power: 115 VAC $\pm$ 15%, 60 Hz $\pm$ 10% single phase power. Any required power conversion shall be contained within the VDS, the chassis, or facilitated by a power adapter provided.
- 5) Electromagnetic interference (EMI): The video camera sensor and associated connected equipment will comply with FCC Part 15, Subpart J, Class A device requirements.
- 6) Video camera sensor enclosure: The video camera sensor shall be installed in an enclosure:
 - a. The enclosure shall meet NEMA 250 Type 4 enclosure standards and shall be available un-pressurized or optionally pressurized types.
 - b. If the enclosure is pressurized, it shall be pressurized to at least 5 psi $\pm$ 1 psi and a low pressure sensor with an alarm output to the Video Detection System processor and cabinet assembly will be provided.
 - c. Provide a sun shield visor on the front of the enclosure, which is sufficiently adjustable to divert water away from the video camera sensor lens and also to prevent direct sunlight from entering the iris when mounted in its installed position.
 - d. Install the sun shield so that it does not impede operation or performance accuracy of the video camera sensor or require removal of the video camera sensor enclosure for adjustment.
 - e. Use an enclosure that allows the video camera sensor horizon to be rotated in the field during installation.
- 7) Weight: The standard video camera sensor will not weigh more than 10 lbs., including the mount, shield and camera. If a pressurized video camera sensor and housing is used, the unit including a standard mount, shield and camera will not weigh more than 13 lbs.
- 8) Mounting: The video camera sensor assembly mounting and hardware shall be included as part of the system.
 - a. The video camera sensor horizon shall be adjustable without removing the camera, mounting bracket and enclosure, or sun shield.
 - b. The video camera sensor assembly shall be capable of sustained wind loading of 90 mph with a 30% gust factor.
- 9) The video camera sensor assembly shall include all cabling, mounts, fasteners, conduit, connectors, etc., to provide power and connectivity to the VDS cabinet equipment for a fully functional system. The connection for the power and video cable shall be the connection type recommended by the manufacturer.

907-649.02.1.9--Video Detection System Processor. The Video Detection System processor shall meet the following requirements:

- 1) Shall be contained/integrated in the VDS sensor enclosure.
- 2) Shall process and make available for transmission (upload) to the TMC data stored in operator selectable time periods of 10, 20, or 30 seconds and 1, 5, 10, 15, 30, or 60

- minutes (default setup by Contractor shall be 1 minute).
- 3) Shall be password protected to prohibit unauthorized changes, if enabled by user. A minimum of ten (10) different users may be authorized with different levels of authority.
 - 4) Observation of detection operation only, without ability to edit configurations, may be allowed with no password. The VDS shall record time and date of each password usage.
 - 5) Shall provide the data and MPEG-4 encoded video through a communications interface device via an Ethernet version 2.0 IEEE 802.3 compliant 10/100 Base-T Auto Sensing port in real-time.
 - 6) The processor shall be IP-addressable using the user datagram protocol/IP or UDP/IP message packet and routing standard.
 - 7) A communications address shall be automatically assignable or manually configured to the unit during setup.
 - 8) Upon receiving a command with the appropriate address from the TMC central computer, the unit shall respond with the accumulated traffic parameter measurements from the period since the last request.
 - 9) Shall operate reliably in a typical roadway aerial mounting and under the following conditions:
 - a. Shall have an operating ambient temperature range: -29°F to 140°F (-2034~ C to 60°C)
 - b. Shall have an operating humidity tolerance of: 5% -- 95% humidity per NEMA TS 1-1989 (R 1994).
 - c. Vibration: Provide a video camera sensor and enclosure that maintains its functional capability and physical integrity when subjected to a vibration of 5 to 30 Hz up to 0.5 gravity applied to each of three mutually perpendicular axes (NEMA TS 1-1989 (R 1994)).
 - d. Shock: Ensure the video camera sensor and enclosure can withstand a minimum 9G shock. Neither permanent physical deformation nor inoperability of the video camera sensor and enclosure shall be sustained from this shock level.
 - e. Acoustic Noise: Provide a video camera sensor and enclosure that can withstand a 150 dB for 30 minutes continuously, with no reduction in function or accuracy.
 - 10) Shall be capable of storing data for an extended period of time.
 - a. All traffic parameter data shall be stored in non-volatile memory within the video detection system processor.
 - b. All traffic parameter data shall be capable of being retrieved using the central computer and by means of an automatic polling client application.
 - c. Upon loss of communications, the system shall automatically store no less than seven (7) days of data in 30 second increments based on the default set-up required. At a minimum, data storage requirements apply to volume, speed and occupancy requirements.
 - 11) Shall be powered by input power: 115 VAC $\pm$ 15%, 60 Hz $\pm$ 10% single phase power. Any required power conversion shall be contained within the VDS, the chassis, or facilitated by a power adapter provided. Total power for a single video camera sensor and the processor shall not exceed 15 watts with the camera heater in operation.
 - 12) Shall have transient protection that meets the requirements of NEMA TS 1-1989 (R 1994) and NEMA T52-1992 standards.
 - 13) Shall recover from power interruptions. Momentary interruptions in power to the

- processor shall not result in loss of function upon restoration of power.
- 14) In the event of an interruption of power, the equipment shall automatically recover when power is restored. All detection zones, stations, and parameters shall be returned to their last configurations.
 - 15) Each VDS location shall be capable of simultaneously processing data and images from four separate video camera sensor installations for detection and analysis.
 - 16) The system shall be capable of detecting objects in EIA-170 (monochrome) and NTSC (color), or CCIR (monochrome) and PAL (color) video signals.
 - 17) Shall allow still image capture (snapshot) from any of the video detection system processor's active video inputs and provide for downloading the image to the central computer for display or storage as a picture file; capture and transmit the still image to the central computer in one minute or less.

907-649.02.2--Materials Type 2 Vehicle Detection System. The Type 2 video detection system shall consist of power supply, video cameras, all necessary video and power cabling with end connectors, mounting brackets, lightning protection as recommended by the manufacturer, video detection processors/extension modules capable of processing the number of camera and phase combination video sources shown on the project plans or in the purchase order. A sufficient number of cameras shall be provided to process vehicle presence, passage and system detection zones as shown on the project plans or listed on the purchase order.

907-649.02.2.1--Functional Requirements for Type 2 Vehicle Detection System. The video detection system configuration shall utilize video processors with one or more video inputs and one video output, responding to specific site applications, camera locations and detection zones shown on the project plans. Video processors or interface modules shall be provided which plug directly into TS-1 and TS-2 detector racks without adapters. Extension modules which allow detection zones from one camera to be routed to other card slots shall also be provided. Remote programming and monitoring capability from a distant Traffic Management Center shall be mandatory. The system shall be Ethernet compatible with an RJ4S port.

907-649.02.2.2--Interface Type 2 Video Detection System. The Contractor shall provide the following:

- 1) video inputs that accept RS 170 (NTSC) signals from an external video source. A BNC type interface connector shall be provided and located on the front of the video processing unit.
- 2) a LED indicator to indicate the presence of the video signal. The LED shall illuminate upon valid video synchronization and turn off when the presence of a valid video signal is removed.
- 3) one video output per processor module. The video output shall be RS 170 compliant and shall pass through the input video signal. The video output shall have the capability to show text and graphical overlays to aid in system setup. The overlays shall display real-time actuation of detection zones upon vehicle detection or presence. Control of the overlays and video switching shall also be provided through the serial communications port. The video output interface connector shall be BNC or RCA type. If RCA connector is used, an RCA to BNC adapter shall be provided.

- 4) a serial communications port on the front panel. The serial port shall be compliant with RS-232 or RS-422 electrical interfaces and shall use a DB9 or RJ4S type connector. The serial communications interface shall allow the user to remotely configure the system and/or to extract calculated vehicle/roadway information.
- 5) interface software. The interface protocol shall support multi-drop or point-to-multipoint communications. Each video detection system shall have the capability to be individually IP addressable either built in or with third party video server units.
- 6) open collector contact closure outputs meeting NEMA T52 requirements. The open collector output will be used for vehicle detection indicators as well as discrete outputs for alarm conditions.
- 7) LED status indicators on the front panel. The LED's shall illuminate when a contact closure output occurs. Provide one output LED for each contact closure output.
- 8) a mouse compatible port (PS-2 or USB) on the front panel of the video processing unit. The mouse port shall be used as part of the system setup and configuration. A compatible mouse shall be provided with each video detection system.

907-649.02.2.3--Functionality. Detection zones shall be programmed via an on-board menu displayed on a video monitor and a pointing device connected to the video detection processor. The menu shall facilitate placement of detection zones and setting of zone parameters or to view system parameters. The video detection processor shall detect vehicles in real time as they travel across each detection zone. The video detection processor shall have an RS-232 (DB9 or RJ4S) port for communications with an external computer. The video detection processor port shall be multi-drop capable.

It shall be possible to upload and save all configuration data including loop placement and save the file on a computer. It shall be possible to download a configuration file from a computer to the detection device.

The video detection processor shall accept new detection patterns from an external computer through the RS-232 port when the external computer uses the correct communications protocol for downloading detection patterns.

A WindowsTM based software designed for local and remote connection shall be provided for video capture, real-time detection indication and detection zone modification capability.

The video detection processor shall send its detection patterns to an external computer through the RS-232 port.

The video detection processor shall default to a safe condition, such as minimum recall, fixed recall or a constant call on each active detection channel, in the event of unacceptable interference with the video signal, low visibility conditions, or power failure.

A user-selected output shall be active during the low-visibility condition that can be used to modify the controller operation if connected to the appropriate controller input modifier(s). The system shall automatically revert to normal detection mode when the low-visibility condition no longer exists.

907-649.02.2.4--Vehicle Detection. A minimum of 24 detection zones per camera input shall be possible, and each detection zone shall be capable of being sized to suit the site and the desired vehicle detection area.

A single detection zone shall be able to replace multiple inductive loops and the detection zones shall be OR'ed as the default or may be ANDed together to indicate vehicle presence on a single phase of traffic movement.

Placement of detection zones shall be done by using only a pointing device, and a graphical interface built into the video detection processor and displayed on a video monitor, to draw the detection zones on the video image from each video camera. Detection zones created in this manner shall be compatible with the PC-based software provided with the system.

The video detection processor's memory shall be non-volatile to prevent data loss during power outages.

When a vehicle is detected crossing a detection zone, the corners or entire zone of the detection zone shall flash/change color on the video overlay display to confirm the detection of the vehicle. It shall be possible to record the operation of the unit in real time with the detection zones operating.

Detection shall be at least 98% accurate in all weather conditions, with slight degradation acceptable under adverse weather conditions (e.g. rain, snow, or fog) which reduce visibility.

The video detection processor shall maintain normal operation of existing detection zones when one zone is being added or modified.

The video detection processor shall output a constant call on any detector channel corresponding to a zone being modified and shall resume normal operation upon completion.

Detection zones shall be directional to reduce false detections from objects traveling in directions other than the desired direction of travel in the detection area.

The video detection processor shall process the video input from each camera using a microprocessor at 30 frames per second at one volt peak to peak 75 ohms or EIA 170 NTSC video standard.

The video detection processor shall output minimum recall, fixed recall or constant call for each enabled detector output channel if a loss of video signal occurs. The recall behavior shall be user selectable for each output. The video detection processor shall output a constant call during the background "learning" period.

Detection zone outputs shall be configurable to allow the selection of presence, pulse, extend, and delay outputs. Timing parameters of pulse extend, and delay outputs shall be user definable between 0.1 to 25.0 seconds in increments of 0.1 seconds.

Up to six detection zones per camera view shall have the capability to count the number of vehicles detected, measure classification and speed. The data values shall be internally stored within the processor module for later retrieval through the RS-232 port. The data collection interval shall be user definable in periods of 5, 15, 30, or 60 minutes or by intersection cycle. Real-time data shall be retrieved from the PC-based software provided with the system.

907-649.02.2.5--Camera. Cameras shall be completely compatible with the video detection processor and shall be certified by the manufacturer to ensure proper system operation.

The detection system shall produce accurate detector outputs under all roadway lighting conditions, regardless of time of day. The minimum range of scene luminance over which the camera shall produce a useable video image shall be the minimum range from nighttime to daytime, but not less than the range 0.009 to 930 foot-candles (0.1 lux to 10,000 lux).

The camera shall use a color CCD sensing element with resolution of not less than 470 lines horizontal and 400 lines vertical.

The camera shall include mechanisms to compensate for changing of lighting by using an electronic shutter and/or auto-iris lens.

The camera shall include a variable focal length lens with factory preset focus that requires no field adjustment. Zooming of the camera lens to suit the site geometry by means of a portable interface device designed for that purpose. The horizontal field of view shall be adjustable from 8.1 to 44.3 degrees. Camera configuration shall be customized for each approach based on field site conditions and the project plans.

The camera electronics shall include automatic gain control (AGC) to produce a satisfactory image at night.

The camera shall be housed in a weather-tight sealed enclosure. The housing shall be field rotatable to allow proper alignment between the camera and the traveled road surface.

The camera enclosure shall be equipped with a sunshield. The sunshield shall include a provision for water diversion to prevent water from flowing in the camera's field of view.

The camera enclosure shall include a thermostatically controlled heater to assure proper operation of the lens shutter at low temperatures and prevent moisture condensation on the optical faceplate of the enclosure. The heater shall directly heat the glass lens and require less than 5 watts over the temperature range.

Power consumption of the camera shall be 15 watts or less under all conditions.

The camera enclosure shall be equipped with separate, weather-tight connections for power and setup video cables at the rear of the enclosure. These connections shall allow diagnostic testing and viewing of video at the camera while the camera is installed on a mast arm or pole using a

lens adjustment module furnished under this bid item.

The video signal output by the camera shall in accordance with NTSC standards.

All necessary mounting brackets shall be mounted to pole shafts, mast arms, or other structures to mount cameras as indicated on the project plans. Mounting brackets shall result in a fixed-position mounting. Mounting Brackets shall be included at no additional cost.

907-649.02.2.6--Video Cable. The cable provided shall be as recommended by the manufacturer for optimal video detection performance. The cable shall be either multi-paired jacketed cable or coaxial cable. Coaxial cable can be used between the camera and the video detection processor in the traffic signal controller cabinet and shall be Belden 8281 or equivalent. The signal attenuation shall not exceed 0.78 dB per 100 feet at 10 MHz. Nominal outside diameter shall be approximately 0.305 inch. Coaxial cable shall be suitable for installation in conduit and in exposed sunlight environment. 75-ohm BNC plug connectors shall be used at both the camera and cabinet ends. The coaxial cable, BNC connector, and crimping tool recommended by the manufacturer of the video detection system shall be used and installed per the manufacturer's recommended instructions to ensure proper connection.

Multi-paired jacketed cable shall include a minimum of four individually paired No. 19 AWG communication cables with an overall shield. Pairs shall not be individually shielded. Paired cable and power cables may be installed under the same outer jacket.

907-649.02.2.7--Power Cable. Power cable for 120VAC cameras shall be rated for 90°C, 300 volt, 16 AWG, stranded, three-conductor cable with a nominal outside diameter of approximately 0.330 inch. Conductor insulation color code shall be black, white and green. Outside jacket shall be black.

Power cable for 24 Volt or other low voltage cameras shall be the cable recommended by the manufacturer.

Camera power cable shall be suitable for installation in conduit and in exposed sunlight environment, and UL listed.

The power and video cable may be installed under the same outer jacket.

907-649.02.2.8--Surge Protection. Surge protection devices shall be provide for all new or added video detection devices as recommended by the manufacturer.

Coaxial cable shall be protected with an inline surge suppressor as recommended by the manufacturer or a panel mounted surge suppressor as recommended by the manufacturer or approved equal, installed and grounded per video detection manufacturer's recommendations.

907-649.02.2.9--Physical and Environmental Specifications.

Video Detection System Processor: The video detection system processor shall operate reliably

in a typical roadside traffic cabinet environment. Internal cabinet equipment and a video detection system processor shall be provided that meets the environmental requirements of NEMA T52-2003 Section 2. If the processor is located in the sensor, it shall meet the same requirements.

Video Camera Sensor: The operating ambient temperature range shall be -30°F to 140°F. Additionally, a heater shall be included to prevent the formation of ice and condensation in cold weather. Do not allow the heater to interfere with the operation of the video camera sensor electronics, or cause interference with the video signal.

Vibration: Vibrations shall meet the requirements of TS-2 2003 section 2.1.9.

Shock: Shock shall meet the requirements of TS-2 2003 section 2.1.10.

Acoustic Noise: A video camera sensor and enclosure shall be provided that can withstand 150 dB for 30 minutes continuously, with no reduction in function or accuracy.

907-649.02.3--Materials Multi-Sensor Vehicle Detection System.

907-649.02.3.1--General. The multi-sensor system shall utilize two different sensors of different technologies, video imaging and radar, to detect and track licensed and unlicensed vehicles at distances up to 600 feet. The sensor system shall fuse vehicle information from the two sensors to provide highly accurate and precise detection for special or advanced applications.

The multi-sensor system shall use a primary detector rack mounted processor to interface with the traffic control cabinet. The module shall process information from both video imaging and radar sensors simultaneously in real-time.

907-649.02.3.2--System Configurations. The multi-sensor detection system (MSDS) shall consist of up to four video cameras and radar units, detection processors (DP) capable of processing from one to four intersection approaches, output extension modules, surge suppressors, a setup tool and a pointing device.

The proposed MSDS shall be available in various configurations to allow maximum deployment flexibility. Each configuration shall have an identical user interface for system setup and configuration. The communications protocol to each configuration shall be identical and shall be hardware platform independent.

The system shall include software that detects vehicles in multiple lanes. Video imaging detection zones shall be defined using only an on-board video menu and a pointing device to place the zones on a video image. Up to 24 video detection zones per camera view shall be available. Two additional trigger zones for the radar sensor shall be available and be configurable by using the same system setup menu on the DP. A separate computer shall not be required to program the detection zones. A pre-programmed setup tool is required to align and input radar information and set the camera field of view (zoom and focus).

907-649.02.3.3--Multi-Sensor Detection System Hardware. The MSDS hardware shall consist of the following four elements:

- 1) Video Imaging Camera Sensor
- 2) Radar Sensor
- 3) Sensor Data Combiner
- 4) Detection Processor

907-649.02.3.3.1--Video Imaging Camera Sensor. The video imaging camera sensor shall meet the following minimum requirements:

To accommodate deployment flexibility, the MSDS camera sensor shall be compatible with the Data Processor platforms. The MSDS camera sensor shall be supplied by the MSDS manufacturer.

The advanced camera enclosure shall utilize Indium Tin Oxide (ITO) technology for the heating element of the front glass. The transparent coating shall not impact the visual acuity and shall be close to optically clear.

Cable terminations at the data combiner for video and power shall not require crimping or special tools.

The camera sensor shall allow the user to set the focus and field of view via Wi-Fi connectivity.

The camera shall produce a useable video image of the bodies of vehicles under all roadway lighting conditions, regardless of time of day. The minimum range of scene luminance over which the camera shall produce a useable video image shall be the minimum range from nighttime to daytime, but not less than the range 1.0 lux to 10,000 lux.

The camera electronics shall include automatic gain control (AGC) to produce a satisfactory image at night.

The imager luminance signal to noise ratio (S/N) shall be more than 50 dB with the automatic gain control (AGC) disabled.

The imager shall employ three dimensional dynamic noise reduction (3D-DNR) to remove unwanted image noise.

The camera imager shall employ wide dynamic range (WDR) technology to compensate for wide dynamic outdoor lighting conditions. The dynamic range shall be greater than 100 dB.

The camera shall be digital signal processor (DSP) based and shall use a CCD sensing element and shall output color video with resolution of not less than 550 TV lines.

The camera sensor shall include an electronic shutter control based upon average scene luminance and shall be equipped with an auto-iris lens that operates in tandem with the electronic shutter. The electronic shutter shall operate between the range of 1/1 to 1/10,000th second.

The camera sensor shall utilize automatic white balance.

The camera sensor shall include a variable focal length lens with variable focus that can be adjusted, without opening up the camera housing, to suit the site geometry by means of a portable interface device designed for that purpose and manufactured by the detection system supplier.

The horizontal field of view shall be adjustable from 4.6 to 53.6 degrees. This camera configuration may be used for the majority of detection approaches in order to minimize the setup time and spares required by the user. The lens shall be a 12x zoom lens with a focal length of 3.7mm to 44.0mm.

The lens shall also have an auto-focus feature with a manual override to facilitate ease of setup.

The camera shall incorporate the use of preset positioning that store zoom and focus positioning information. The camera shall have the capability to recall the previously stored preset upon application of power.

The camera shall be housed in a weather-tight sealed enclosure conforming to IP-67 specifications. The housing shall allow the camera to be rotated to allow proper alignment between the camera and the traveled road surface.

The camera enclosure shall be equipped with a sunshield. The sunshield shall include a provision for water diversion to prevent water from flowing in the camera's field of view.

The camera enclosure shall be designed so that the pan, tilt and rotation of the camera assembly can be accomplished independently without affecting the other settings.

The camera enclosure shall include a proportionally controlled Indium Tin Oxide heater design that maximizes heat transfer to the lens. The output power of the heater shall vary with temperature, to assure proper operation of the lens functions at low temperatures and prevent moisture condensation on the optical faceplate of the enclosure.

The glass face on the front of the enclosure shall have an anti-reflective coating to minimize light and image reflections.

When mounted outdoors in the enclosure, the camera shall operate in a temperature range from -34°C to +74°C and a humidity range from 0% RH to 100% RH. Measurement of satisfactory video shall be based upon DP system operation.

The camera sensor shall acquire its power from the sensor data combiner.

Recommended camera placement height shall be 18 - 33 feet above the roadway, and over the traveled way on which vehicles are to be detected. For optimum detection the camera should be centered above the traveled roadway. The camera shall view approaching vehicles at a distance not to exceed 350 feet for reliable detection (height to distance ratio of 10:100). Camera placement and field of view (FOV) shall be unobstructed and as noted in the installation documentation provided by the supplier.

The video signal shall be fully isolated from the camera enclosure and power cabling

A weather-proof protective cover shall be provided to protect all terminations at the camera.

907-649.02.3.3.2--Radar Sensor. The radar sensor shall meet the following minimum requirements:

The radar sensor shall operate in the 24 GHz frequency band.

The radar detection range shall be 600 feet minimum, +/- 5%.

The radar sensor shall be able to track up to 20 independent objects simultaneously.

Object speed detection shall be within a range of 0 to 150 miles per hour +/- 1.0 miles per hour.

The radar sensor shall be able to detect vehicles in 1 to 4 traffic lanes.

The radar sensor shall be housed in a weather-tight sealed enclosure conforming to IP-67 specifications. The housing shall allow the radar to be adjusted to allow proper alignment between the sensor and the traveled road surface.

When mounted outdoors in the enclosure, the radar shall operate in a temperature range from - 34°C to +74°C and a humidity range from 0% RH to 100% RH.

The radar sensor shall communicate with the sensor data combiner.

The radar sensor shall acquire its power from the sensor data combiner.

Data and power cables between the radar sensor and sensor data combiner shall be fully isolated from the sensor enclosure.

Multi-Sensor Assembly

Both camera and radar sensors shall be housed in an overall, single enclosure assembly.

The overall size of the multi-sensor enclosure shall not exceed 14 inches x 15 inches x 17 inches.

The overall weight of the multi-sensor unit shall not exceed 11 pounds.

The effective projected area (EPA) shall not exceed 2.0 square feet.

The maximum power consumption for the multi-sensor assembly shall be less than 10 watts typical, 20 watts peak.

907-649.02.3.3.3--Sensor Data Combiner. The sensor data combiner shall meet the following minimum requirements:

A sensor data combiner that combines sensor information from both video and radar sensors shall be employed.

The sensor data combiner shall supply primary power to each sensor unit.

The sensor data combiner shall facilitate digital communications between the sensor data combiner and each of the sensor units.

The sensor data combiner shall get its primary power from an AC power source using industry standard 3-conductor cabling.

The sensor data combiner shall communicate with the detection processor using a single coax cable. Both video imaging and radar data shall use the single coax cable.

The sensor data combiner shall also employ industry standard Wi-Fi connectivity for remote sensor system setup using a mobile programming device such as a netbook or tablet computer. Video camera and radar sensor shall be able to be configured independently.

The sensor data signal shall be fully isolated from the mechanical enclosure and power cabling

Cable terminations at the sensor data combiner shall not require crimping tools.

The Sensor Data Combiner shall be housed in a weather-tight sealed enclosure conforming to IP-67 specifications.

907-649.02.3.3.4--Detection Processor. The detection processor shall meet the following minimum requirements:

Each sensor input shall accept RS170 (NTSC) or CCIR (PAL) signals from an external video source. The interface connector shall be BNC type and shall be located on the front of the processing unit. The sensor input shall have the capability to be terminated into 75-ohms or high impedance (Hi-Z) using dip switches or software control from the user menu. The sensor input shall also facilitate the data from the radar sensor.

A LED indicator shall be provided to indicate the presence of the sensor signal. The LED shall

illuminate upon valid sensor synchronization and turn off when the presence of a valid sensor signal is removed.

One video output shall be provided. The video output shall be RS170 or CCIR compliant and shall pass through the input video signal. For multi-channel video input configurations, a momentary push-button shall be provided on the front panel to cycle through each input video channel. In the absence of a valid sensor signal, the channel shall be skipped and the next valid sensor signal shall be switched. The real time video output shall have the capability to show text and graphical overlays to aid in system setup. The overlays shall display real-time actuation of detection zones upon vehicle detection or presence. Overlays shall be able to be turned off by the user. Control of the overlays and sensor switching shall also be provided through the serial communications port. The video output interface connector shall be positive locking BNC type. Friction type (e.g. RCA type) connectors shall not be allowed.

A serial communications port shall be provided on the front panel. The serial port shall compliant with EIA232 electrical interfaces and shall use a DB9 type connector mounted on the front panel of the DP. The serial communications interface shall allow the user to remotely configure the system and/or to extract calculated vehicle/roadway information. The interface protocol shall be documented or interface software shall be provided. The interface protocol shall support multi-drop or point-to-multipoint communications. Each MSDS shall have the capability to be addressable. The DP shall support data rates of 1200 bps to 230,400 bps, inclusive.

Open collector (contact closure) outputs shall be provided. Four (4) open collector outputs shall be provided for the single or dual channel rack-mount configuration. Additionally, the DP shall allow the use of extension modules to provide up to 24 open collector contact closures per camera input. Each open collector output shall be capable of sinking 30 mA at 24 VDC. Open collector outputs will be used for vehicle detection indicators as well as discrete outputs for alarm conditions. The DP outputs shall be compatible with industry standard detector racks assignments.

Logic inputs such as delay/extend or delay inhibit shall be supported through the appropriate detector rack connector pin or front panel connector in the case of the I/O module. For DPs and extension modules, 4 inputs shall be supported via detector rack interface. The I/O module shall accommodate eight (8) inputs through a 15-pin "D" connector.

Detection status LEDs shall be provided on the front panel. The LEDs shall illuminate when a contact closure output occurs. Rack-mounted detection processors shall have a minimum of four (4) LEDs. Rack-mounted extension modules shall have two (2), four (4) or eight (8) LEDs (depending upon extension module type) to indicate detection.

The front panel of the DP shall have detector test switches to allow the user to manually place calls on each DP output channel. The test switch shall be able to place either a constant call or a momentary call depending on the position of the switch.

A USB mouse port shall be provided on the front panel of the rack mount detection processing unit. The mouse port shall not require special mouse software drivers. The mouse port shall be used as part of system setup and configuration. A mouse shall be provided with each detection processor.

Extension modules shall be connected to the DP by an 8-wire twisted-pair cable with modular RJ45 connectors. DP and EM communications shall be accommodated by methods using differential signals to reject electrically coupled noise.

Extension modules (EM) shall be available to eliminate the need of rewiring the detector rack, by enabling the user to plug an extension module into the appropriate slot in the detector rack to provide additional open collector outputs. The extension module shall be available in both 2- and 4-channel configurations. EM configurations shall be programmable from the DP. A separate I/O module with 32 outputs through a 37-pin "D" connector on the front panel and eight (8) inputs through a 15-pin "D" connector using an external wire harness for expanded flexibility shall also be available.

The DP and EM shall be specifically designed to mount in a standard detector rack, using the edge connector to obtain power, provide contact closure outputs and accept logic inputs (e.g. delay/extend). No adapters shall be required to mount the DP or EM in a standard detector rack. Detector rack rewiring shall not be required.

The DP shall utilize non-volatile memory technology to store on-board firmware and operational data.

The DP shall enable the loading of modified or enhanced software through the EIA232 or USB port (using a USB thumb drive) and without modifying the DP hardware.

The DP and EM shall be powered by 12 or 24 volts DC. DP and EM modules shall automatically compensate for either 12 or 24 VDC operation. DP power consumption shall not exceed 7.5 watts. The EM power consumption shall not exceed 3 watts.

The DP shall operate satisfactorily in a temperature range from -34°C to +74°C and a humidity range from 0%RH to 95%RH, non-condensing as set forth in NEMA specifications.

An Edco CX-06M video surge suppresser shall be provided for each sensor input. The surge suppresser shall be appropriately grounded to the cabinet ground rod using 14 AWG minimum.

907-649.02.3.4--System Software. The system software shall meet the following general system functions:

Detection zones shall be programmed via an on board menu displayed on a video monitor and a pointing device connected to the DP. The menu shall facilitate placement of detection zones and setting of zone parameters or to view system parameters. A separate computer shall not be required for programming detection zones or to view system operation.

The DP shall store up to three different detection zone patterns in non-volatile memory. The DP can switch to any one of the three different detection patterns within one (1) second of user request via menu selection with the pointing device. Each configuration shall be uniquely labeled and able to be edited by the user for identification. The currently active configuration indicator shall be displayed on the monitor.

The DP shall detect vehicles in real time as they travel across each detection zone.

The DP shall accept new detection patterns from an external computer through the EIA232 port when the external computer uses the correct communications protocol for downloading detection patterns. A Windows™-based software designed for local or remote connection and providing video capture, real-time detection indication and detection zone modification capability shall be provided with the system.

The DP system shall have the capability to automatically switch to any one of the stored configurations based on the time of day which shall be programmable by the user.

The DP shall send its detection patterns to an external computer through the EIA232 port when requested when the external computer uses the appropriate communications protocol for uploading detection patterns.

The DP shall default to a safe condition, such as a constant call on each active detection channel, in the event of unacceptable interference or loss of the sensor signal.

The system shall be capable of automatically detecting a low-visibility condition such as fog and respond by placing all effected detection zones in a constant call mode. A user-selected alarm output shall be active during the low-visibility condition that can be used to modify the controller operation if connected to the appropriate controller input modifier(s). The system shall automatically revert to normal detection mode when the low-visibility condition no longer exists.

Up to 24 detection zones per camera input shall be supported and each detection zone can be sized to suit the site and the desired vehicle detection region.

The DP shall support two (2) independent trigger points for radar outputs for dilemma zone applications.

The DP shall provide up to 24 open collector output channels per sensor input using one or more extension modules.

A single detection zone shall be able to replace multiple inductive loops and the detection zones shall be OR'ed as the default or may be AND'ed together to indicate vehicle presence on a single approach of traffic movement.

Placement of detection zones shall be done by using only a pointing device, and a graphical

interface built into the DP and displayed on a video monitor, to draw the detection zones on the video image from each video camera. No separate computer shall be required to program the detection zones.

When a vehicle is detected within a detection zone, a visual indication of the detection shall activate on the video overlay display to confirm the detection of the vehicle for the zone.

Detection shall be at least 98% accurate in good weather conditions, with slight degradation possible under adverse weather conditions (e.g. rain, snow, or fog) which reduce visibility. Detection accuracy is dependent upon site geometry, camera placement, camera quality and detection zone location, and these accuracy levels do not include allowances for occlusion or poor video due to camera location or quality.

The DP shall provide dynamic zone reconfiguration (DZR). DZR enables normal operation of existing detection zones when one zone is being added or modified during the setup process. The new zone configuration shall not go into effect until the configuration is saved by the operator.

Detection zone setup shall not require site specific information such as latitude and longitude to be entered into the system.

The DP shall process the video input from each camera at 30 frames per second. Multiple camera processors shall process all video inputs simultaneously.

The DP shall output a constant call during the background learning period of no more than three (3) minutes.

Detection zone outputs shall be configurable to allow the selection of presence, pulse, extend, and delay outputs. Timing parameters of pulse, extend, and delay outputs shall be user definable between 0.1 to 25.0 seconds.

Up to six video detection zones per sensor input shall have the capability to count the number of vehicles detected. The count value shall be internally stored for later retrieval through the EIA232 port. The zone shall also have the capability to calculate and store average speed and lane occupancy at bin intervals of 10 seconds, 20 seconds, 1 minute, 5 minutes, 15 minutes, 30 minutes and 60 minutes. One of the radar sensor zones (the Near Zone) will also count vehicles and calculate and store the average speed and lane occupancy across the approach.

In addition to the count type zone, the DP shall be able to calculate and/or acquire average speed and lane occupancy using both video and radar sensors. These values shall be stored in non-volatile memory for later retrieval.

The DP shall have an "advance" zone type where detection outputs to the traffic controller is compensated for angular occlusion and distance.

The DP shall employ color overlays on the video output.

The DP shall have the ability to show phase status (green, yellow, or red) for up to eight (8) phases. These indications shall also be color coded.

The user shall have the ability to enable or disable the display of the phase information on the video output.

The DP shall have the capability to change the characteristics of a detection zone based on external inputs such as signal phase. Each detection zone shall be able to switch from one zone type (i.e. presence, extension, pulse, etc.) to another zone type based on the signal state. For example, a zone may be a "count" zone when the phase is green but change to a "presence" zone type when the phase is not green. Another application would be zone type of "extension" when the signal phase is green and then "delay" when red.

For alpha numeric user inputs, the DP shall utilize a virtual keyboard on the video overlay system to ease user input. The virtual keyboard shall use the standard QWERTY keyboard layout.

The DP shall aid the user in drawing additional detection zones by automatically drawing and placing zones at appropriate locations with only a single click of the mouse. The additional zone shall utilize geometric extrapolation of the parent zone when creating the child zone. The process shall also automatically accommodate lane marking angles and zone overlaps.

When the user wishes to modify the location of a zone, the DP shall allow the user move a single zone, multiple zones or all zones simultaneously.

When the user wishes to modify the geometric shape of the zone, the DP shall allow the user to change the shape by moving the zone corner or zone sides.

On screen zone identifiers shall be modifiable by the user. The user shall be allowed to select channel output assignments, zone type, input status, zone labels or zone numbers to be the identifier.

For multiple camera input DPs, the user shall have the ability to enable automatic video output switching. The dwell time for each sensor input shall be user programmable.

For the radar sensor zones the output can be triggered by presence of a vehicle only or by presence of a vehicle above a speed defined by the user.

907-649.02.3.5--Multi-Sensor Cable. The multi-sensor cable shall meet the following minimum requirements:

The coaxial cable to be used between the multi-sensor assembly and the DP in the traffic cabinet shall be Belden 8281. This cable shall be suitable for installation in conduit or overhead with appropriate span wire. BNC plug connectors shall be used where applicable. The coaxial cable, BNC connector, and crimping tool shall be approved by the supplier of the MSDS, and the

manufacturer's instructions must be followed to ensure proper connection.

907-649.02.3.6--Power Cable. The power cabling shall be 16 AWG three-conductor cable with a minimum outside diameter of 0.325 inch and a maximum diameter of 0.490 inch. The cabling shall comply with the National Electric Code, as well as local electrical codes. Cameras may acquire power from the luminaire if necessary.

907-649.03--Construction Requirements. The Construction and testing requirements for Type 1 and Type 2 Video Detection Systems are the same.

907-649.03.1--General Requirements. The Contractor shall:

- 1) Install all video camera sensors, video detection system processors and associated enclosures and equipment at the locations specified in the Plans, in any related notice to bidders, or as directed.
- 2) Install all cabinet-mounted equipment in the intersection equipment cabinet or as specified in the Plans.
- 3) Cabling from video camera sensors shall be provided and installed in accordance with the video detection system manufacturer's recommendations.
- 4) Make all necessary adjustments and modifications to the total VDS prior to requesting inspection for system/device acceptance.
- 5) Mount the camera approximately two (2) feet below the top of the extension pole or separate pole or as shown in the Plans.
- 6) The camera shall be mounted so as to view approaching traffic unless otherwise directed.
- 7) The camera location and zone of detection shall be optimized as directed by the MDOT State Traffic Engineer, or authorized designee.
- 8) Adjust the video camera sensor zoom lens to match the width of the road/detection area, and minimize lane vehicle occlusion.
- 9) Fasten all other cabinet components, with hex-head or Phillips-head machine screws insulated with nuts (with locking washer or insert) or into tapped and threaded holes. Do not use self-tapping or self-threading fasteners.
- 10) Provide electrical cables for video, communications signaling and power supply between the cabinet and the VDS image sensor cameras as recommended by the video detection system manufacturer, and as required for a fully functional VDS.

907-649.03.2--Contractor Training. Installation of the video detection system shall be as recommended by the supplier and performed by a Contractor trained and certified by the supplier. Where time does not reasonably permit training of the installing Contractor, a supplier factory representative shall supervise and assist a Contractor during installation of the video detection system.

Installation of the multi-sensor detection system shall be as recommended by the supplier and performed by a Contractor with factory-certified installers and documented in installation materials provided by the supplier. Proof of factory certification shall be provided.

907-649.03.3--Test Requirements. The Contractor shall conduct a Project Testing Program as required below. All costs associated with the Project Testing Program shall be included in overall contract prices; no separate payment will be made for any testing.

907-649.03.3.1--General Requirements. The Contractor is responsible for planning, coordinating, conducting and documenting all aspects of the Project Testing Program. The Project Engineer and/or authorized representatives are only responsible for attending and observing each test, and reviewing and approving the Contractor's test results documentation. The Project Engineer and/or authorized representatives reserve the right to attend and observe all tests.

Each test shall fully demonstrate that the equipment being tested is clearly and definitely in full compliance with all project requirements.

Test procedures shall be submitted and approved for each test as part of the project submittals. Test procedures shall include every action necessary to fully demonstrate that the equipment being tested is clearly and definitely in full compliance with all project requirements. Test procedures shall cross-reference to these Technical Specifications or the Project Plans. Test procedures shall contain documentation regarding the equipment configurations and programming.

No testing shall be scheduled until approval of all project submittals and approval of the test procedures for the given test.

The Contractor shall provide all ancillary equipment and materials as required in the approved test procedures.

The Contractor shall request in writing the Project Engineer's approval for each test occurrence a minimum of 14 days prior to the requested test date. Test requests shall include the test to be performed and the equipment to be tested. The Project Engineer reserves the right to reschedule test request if needed.

All tests shall be documented in writing by the Contractor in accordance with the test procedure and submitted to the Project Engineer within seven (7) days of the test. Any given test session is considered incomplete until the Project Engineer has approved the documentation for that test session.

All tests deemed by the Project Engineer to be unsatisfactorily completed shall be repeated by the Contractor. In the written request for each test occurrence that is a repeat of a previous test, the Contractor shall summarize the diagnosis and correction of each aspect of the previous test, that was deemed unsatisfactory. The test procedures for a repeated test occurrence shall meet all the requirements of the original test procedures, including review and approval by the Project Engineer and ITS Manager.

The satisfactory completion of any test shall not relieve the Contractor of responsibility to provide a completely acceptable and operating system that meets all requirements of this project.

907-649.03.3.2--Factory Acceptance Test (FAT). Factory Acceptance Tests shall be conducted at the Manufacturer or Contractor facility or at a facility acceptable to all parties. All equipment to be utilized for this project shall be subject to tests that demonstrate the suitability of the design and compliance with the contract requirements, unless an exception for an equipment item is granted by the Project Engineer. The tests shall be performed on production units identified to be delivered under this contract.

The FAT procedure shall demonstrate all requirements defined in these specifications are met, including, but not limited to: functional/system performance requirements, electrical requirements, data transmission/communication requirements, safety/password requirements, environmental requirements, and interface requirements with other components of the project system.

The Project Engineer reserves the right to waive FATs which are deemed to be unnecessary and reserves the right to witness all FATs that are determined to be critical to the project. At a minimum, the Project Engineer and/or authorized representative will be in attendance at the FAT for the first three (3) units tested. The FAT for the first three (3) units shall be conducted during the same period. The Project Engineer shall be notified a minimum of forty-five (45) calendar days in advance of such tests. Salary and travel expenses of the Project Engineer and authorized representatives will be the responsibility of MDOT. In case of equipment or other failures that make a retest necessary, travel expenses of the Project Engineer and authorized representatives shall be the responsibility of the Contractor. These costs shall be deducted from payment due the Contractor.

The vendor must complete the FAT on all remaining units on their own and submit documentation to the Project Engineer that the FATs were completed. The Project Engineer reserves the right to randomly attend those FAT tests.

No equipment for which a FAT is required shall be shipped to the project site without successful completion of factory acceptance testing as approved by the Project Engineer and the Engineer's approval to ship.

907-649.03.3.3--Standalone Acceptance Test (SAT). The Contractor shall perform a complete SAT on all equipment and materials associated with the field device site, including but not limited to electrical service, conduit, pull boxes, communication links (fiber, leased copper, wireless), control cables, poles, etc. A SAT shall be conducted at every field device site. Where applicable, a SAT shall be conducted for a fully installed and completed connection to the designated Traffic Management Center (TMC) or central data/video collection site.

The SAT shall demonstrate that all equipment and materials are in full compliance with all project requirements and fully functional as installed and in final configuration. The SAT shall also demonstrate full compliance with all operational and performance requirements of the project. All SATs will include a visual inspection of the cabinet and all construction elements at the site to ensure they are compliant with the specifications.

All SATs will include videos of the approach with detection zones overlaid showing detector activations.

- 1) One hour videos shall be made of each approach and compared to actual detection calls.
- 2) Thirty minute videos shall be made starting 15 minutes prior to sunrise and sunset for each approach and compared to actual detection calls.
- 3) All videos shall be date and time stamped.
- 4) Provide all videos to the Engineer with a summary of the results included total calls, missed calls and false calls.
- 5) All test results must meet a 98% accuracy requirement.

After a sixty (60) day burn-in period, the Contractor must demonstrate the accuracy requirements specified in Subsection 907-649.02.1.7 at selected intersections. The intersections to be tested will be randomly selected by the Project Engineer.

907-649.03.4--Warranty. The video detection system shall be warranted to be free of manufacturer defects in materials and workmanship for a period of one year from the date of final acceptance. Equipment covered by the manufacturer's warranties shall have the registration of that component placed in MDOT's name prior to final inspection. The Contractor is responsible for ensuring that the vendors and/or manufacturers supplying the components and providing the equipment warranties recognize MDOT as the original purchaser and owner/end user of the components from new. During the warranty period, the supplier shall repair or replace with new or refurbished material, at no additional cost to the State, any product containing a warranty defect, provided the product is returned postage-paid by the Department to the supplier's factory or authorized warranty site. Products repaired or replaced under warranty by the supplier shall be returned prepaid by the supplier.

The multi-sensor detection system shall be warranted to be free of manufacturer defects in materials and workmanship for a period of three years from the date of final acceptance.

During the warranty period, technical support shall be available from the supplier via telephone within four hours of the time a call is made by the Department, and this support shall be available from factory certified personnel. During the warranty period, updates and corrections to control unit software shall be made available to the Department by the supplier at no additional cost.

907-649.03.5--MDOT Employee Training. The Contractor shall submit to the Project Engineer for approval a detailed Training Plan including course agendas, detailed description of functions to be demonstrated and a schedule. The Contractor must also submit the Trainer's qualifications to the Project Engineer for approval prior to scheduling any training. The training must include both classroom style training and hands-on training in the field of the maintenance and troubleshooting procedures required for each component. The training should also consist of a hands-on demonstration of all software configuration and functionality where applicable.

The supplier of the detection system shall, at a minimum, provide a sixteen-hour operations and maintenance training class with suitable documentation for up to eight (8) persons selected by

the Department. The operations and maintenance class shall be scheduled at a mutually acceptable time and location.

907-649.03.6--Maintenance and Technical Support. The supplier shall maintain an adequate inventory of parts to support maintenance and repair of the detection system. Spare parts shall be available for delivery within 30 days of placement of an acceptable order at the supplier's then current pricing and terms of sale of said spare parts.

The suppliers shall maintain an ongoing program of technical support for the detection system. This technical support shall be available via telephone or via personnel sent to the installation site upon placement of an acceptable order at the supplier's then current pricing and terms of sale of said technical support services.

The installation or training support shall be provided by a factory-authorized representative and shall be a minimum IMSA-Level II Certified Traffic Signal Technician.

All product documentation shall be written in the English language.

907-649.04--Method of Measurement. Video Detection System, 1 Sensor, of the Type specified, and Video Detection-Data Collection and Reporting Tool License will be measured as a unit per each.

Multi-Sensor Detection System, 1 Sensor will be measured as a unit per each.

Video Detection Training will be measured per lump sum after the completion of all training.

907-649.05--Basis of Payment. Video Detection System, 1 Sensor, of the Type specified, and Video Detection-Data Collection and Reporting Tool License, measured as prescribed above, will be paid for at the contract price per each, which price shall include installation, system integration, documentation, and testing of a complete video detection system site including video camera sensor/processor, the sensor environmental enclosure, five (5) space card rack including installation, minimum 175 Watt power supply card, all cables between cameras and the cabinet, attachment hardware and brackets, completion of all testing requirements and all work, equipment and appurtenances as required to provide and install a complete video detection system. The price bid shall also include all system documentation including: shop drawings, operations and maintenance manuals, wiring diagrams, block diagrams and other materials necessary to document the operation of the video detection system. This price shall be full compensation for all labor, tools, materials, equipment and incidentals necessary to complete the work.

Multi-Sensor Detection System, 1 Sensor, measured as prescribed above, will be paid for at the contract price per each, which price shall include installation, system integration, documentation, and testing of a complete multi-sensor detection system site including video imaging camera sensor, radar sensor, sensor data combiner, detection processor, the sensor environment enclosure, five (5) space card rack including installation, minimum 175 Watt power supply card, all cables between sensors and the cabinet, attachment hardware and brackets, completion of all

testing requirements and all work, equipment and appurtenances as required to provide and install a complete multi-sensor detection system. The price bid shall also include all system documentation including: shop drawings, operations and maintenance manuals, wiring diagrams, block diagrams and other materials necessary to document the operation of the multi-sensor detection system. This price shall be full compensation for all labor, tools, materials, equipment and incidentals necessary to complete the work.

Video Detection Training, measured as prescribed above, will be paid for at the contract lump sum price, which price shall be full compensation for all training costs.

Payment will be made under:

907-649-A: Video Detection System, 1 Sensor, Type ____	- per each
907-649-B: Video Detection-Data Collection and Reporting Tool License	- per each
907-649-C: Video Detection Training	- lump sum
907-649-D: Multi-Sensor Detection System, 1 Sensor	- per each

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-699-5

CODE: (SP)

DATE: 12/17/2013

SUBJECT: Construction Stakes

Section 699, Construction Stakes, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby deleted and replaced as follows.

SECTION 907-699 - CONSTRUCTION STAKES

907-699.01--Description. This work consists of performing all calculations and other work necessary to establish and/or verify all horizontal and vertical control data; and furnishing, placing and maintaining roadway construction stakes or bridge construction stakes, or both, necessary for the proper prosecution of all features and items of the work under contract. This shall include, but not be limited to, grades and drainage structure locations, lengths, elevations and skews. When the contract includes a pay item for roadway construction stakes as provided herein, any references in other sections of the Standard Specifications to establishment of control points or construction staking "by the Department" shall be construed to mean "by the Contractor".

This work may be performed utilizing Automated Machine Guidance technologies and systems in accordance with the standard specifications and contract documents. Automated Machine Guidance (AMG) is defined as the utilization of positioning technologies such as Global Positioning Systems (GPS), Robotic Total Stations, lasers, and sonic systems to automatically guide and adjust construction equipment according to the intended design requirements. Global Positioning Systems (GPS) shall NOT be used for determining any points above the subgrade line. The Contractor may use any type of AMG system(s) that result in compliance with the contract documents and applicable Standard Specifications.

Automated Machine Guidance (AMG) is not a mandatory requirement. Automated Machine Guidance (AMG), conventional staking, or a combination of both may be used at the Contractor's option for staking on this project.

907-699.02--Materials. The Contractor shall furnish all personnel, materials, equipment and devices necessary for determining, establishing, setting, checking and maintaining points, lines, grades and layout of the work. All surveying equipment shall be properly adjusted and suited for performing the work required. Traffic control necessary for the proper execution of the work shall be furnished by the Contractor without separate measurement for payment. Stakes shall be of sufficient length, thickness and quality to serve the purpose for which they are being used.

All equipment required to accomplish automated machine guidance shall be provided by the Contractor. The Contractor may use any type of AMG equipment that achieves compliance with the contract documents and applicable Standard Specifications.

The Contractor shall provide the Department with an acceptable portable grade-verification device (Rover) to be used by the Department during the duration of the contract. On large projects with high production rates, the Contractor may have to provide more than one device. At the end of the contract, the device will be returned to the Contractor. This device shall have the same capabilities as the unit used by the Contractor.

907-699.03--Construction Requirements.

907-699.03.1--General. The Department will establish, one time only, secondary control points with elevations at distances not to exceed 1500 feet or that minimum distance necessary to maintain inter-visibility. For bridge work, the Engineer's field control will consist of a stationed baseline reference point near each end of the bridge(s) and one accessible bench mark near each bridge site. For the purpose of determining responsibility for construction stakes, lines and grades, a box bridge will not be considered as a bridge. The Contractor shall verify the accuracy of the control points before proceeding with the layout for construction.

When errors are discovered and control points do not agree with the plans, the Contractor shall promptly notify the Engineer in writing, and explain the problem in detail. The Engineer will advise the Contractor within five (5) working days of any corrective actions which may be deemed necessary.

The Contractor will be responsible for verifying and modifying, as necessary to best fit existing field conditions, lengths, locations, elevations and skew angles of all drainage structures shown on the construction plans. All junction box and inlet locations and heights shall also be verified and modified as necessary to fit existing field conditions. Modifications to the plans shall not be made without the consent of the Project Engineer. The Contractor will not be responsible for determining the size of drainage structures, but should immediately report any suspected error to the Engineer. Heights of fill over drainage structures shall be checked to verify class of pipe, bedding and the appropriate standard and/or modified standard drawing(s) required in the construction with any differences from the plans being reported to the Engineer.

The Contractor shall perform work necessary to verify alignment and plan grades on all roadway intersections and tie-ins. Any discrepancies in grades, alignment, location and or dimension detected by the Contractor shall immediately be brought to the attention of the Project Engineer.

The Contractor shall employ sufficient qualified personnel experienced in highway surveying and layout to complete the work accurately. The Contractor shall also determine and provide all additional grade controls and staking operations necessary to secure a correct layout and construction of the work. All minor variations in layout and grades required to meet field conditions shall be resolved with the Engineer and shall not be considered justification for adjusting contract price or time.

Examples of minor variations in layout and grades are:

- (a) Adjustment of drainage or other structure length, alignment, and flow line elevation.

- (b) The adjustment of grades and alignment at roadway intersections, cross-overs, railroad crossings, interchanges, existing bridges and roadways.
- (c) Adjustment of curve data.

The Contractor will be responsible for calculating and laying out all additional lines, grades, elevations and dimensions necessary to construct the work required in the plans. All grades and other layout data computed by the Contractor shall be recorded and a copy of this data shall be furnished, with sufficient time for checking, to the Engineer before field work is started. The originals of all data shall be furnished to the Engineer on or before final inspection for the Department's permanent file. The Contractor shall also furnish personnel to assist the Engineer in taking tolerance verification checks or other notes to determine whether specified tolerances are met. Any inspection or checking of the Contractor's layout by the Engineer and the approval of all or any part of it will not relieve the Contractor of the responsibility to secure proper dimensions, grades, and elevations of the several parts of the work.

Prior to beginning construction on any structure which is referenced to an existing structure or topographical feature, the Contractor shall check the pertinent location and grades of the existing structures or topographical features to determine whether the location and grade shown on the plans are correct.

The Contractor shall stake centerline control at each station, BOP, EOP, PC, PT, SC, CS, TS, ST, and equations just before field cross sectioning by the Department for both original and final cross sections.

The Contractor shall furnish "as built" finish centerline elevations to the Project Engineer prior to final inspection of the project.

The Contractor shall set stakes and/or flags on the right-of-way line at each station and right-of-way break or as directed by the Engineer before clearing operations are started on any section of roadway.

Regardless of the method used, the Contractor shall meet the surface tolerances addressed in Section 321.

The Contractor shall exercise care in the preservation of stakes and bench marks and shall reset them when they are damaged, lost, displaced or removed. The Contractor shall use competent personnel and suitable equipment for the layout work required and shall provide that it be performed under the supervision of, or directed by, a Registered Professional Engineer or Registered Land Surveyor who is duly registered and entitled to practice as a Professional Engineer or Professional Land Surveyor in the State of Mississippi. The duties performed by said Registrant shall conform to the definitions under the "practice of engineering" and practice of "land surveying" in Mississippi Law and the latest edition of the MDOT Survey Manual. The MDOT Survey Manual can be obtained online at the following address.

<http://sp.mdot.ms.gov/RoadwayDesign/Pages/MDOT-Survey-Manual.aspx>

The Contractor shall not engage the services of any person in the employ of the Department for the performance of any of the work covered by this Section or any person who has been employed by the Department within the past six months except those who have legitimately retired from service with the Department during this period.

All cross sections, measurements, and tickets required for determining pay quantities will be the responsibility of the Department.

The Department reserves the right to check for accuracy any or all of the Contractor's layout work and shall be assisted by the Contractor's personnel in such checking. When errors or discrepancies are found, the Contractor will take measures necessary to correct, at no expense to the State, any construction that has been performed using the improper layout. Any inspection, checking and approval thereof by the Engineer of work for which the Contractor is responsible will not relieve the Contractor of responsibility to secure correct dimensions, grades, elevations, alignments and locations of the work for satisfactory completion of the project and as a condition for final acceptance by the Department.

907-699.03.2--Conventional Staking. In addition to the requirements set forth in Subsection 907-699.03.1, the following shall be required when using the conventional staking method.

On grading projects, the Contractor shall set slope stakes at each station and at the beginning and end of spirals and curves. Closer intervals will be required for sharp changes in grades or alignment, widening and certain other geometric details.

The Contractor shall set subgrade blue tops on centerline, break points and at the left and right subgrade shoulder lines at intervals of not more than 100 feet on tangents and intervals of not more than 50 feet in curves. Closer intervals will be required for sharp changes in grades or alignment, widening, or super elevation.

The Contractor shall furnish personnel to assist the Engineer in taking stringline and other notes to determine whether specified tolerances are met.

On paving contracts, the Contractor shall set subgrade, base and paving blue tops. The base and pavement grade stakes shall be set on intervals in accordance with the applicable requirements of Sections 321, 403 and 501.

907-699.03.3--Automated Machine Guidance. In addition to the requirements set forth in Subsection 907-699.03.1, the following shall be required when using the automated machine grading method.

907-699.03.3.1--Automated Machine Guidance Work Plan. The Contractor shall submit a comprehensive written Automated Machine Guidance Work Plan to the Engineer for review at least 30 days prior to use. The Project Engineer will have to concur with the Plan prior to the Contractor performing any AMG work. The submittal of an AMG Work Plan shall be an indication of the Contractor's intention to utilize AMG instead of conventional methods on the

project areas and elements stated in the Work Plan. The Engineer shall review the Automated Machine Guidance Work Plan to ensure that the requirements of this special provision are addressed. The Contractor shall assume total responsibility for the performance of the system utilized in the Work Plan. Any update or alteration of the Automated Machine Guidance Work Plan in the course of the work shall be approved and submitted to MDOT for determination of conformance with requirements of this special provision.

The Automated Machine Guidance Work Plan shall describe how the automated machine guidance technology will be integrated into other technologies employed on the project. This shall include, but not limited to, the following:

1. A description of the manufacturer, model, and software version of the AMG equipment.
2. Information on the Contractor's experience in the use of Automated Machine Guidance system (or Related Technologies) to be used on the project, including formal training and field experience of project staff.
3. A single onsite staff person as the primary contact, and up to one alternate contact person for Automated Machine Guidance technology issues.
4. A definition of the project boundaries and scope of work to be accomplished with the AMG system.
5. A description of how the project proposed secondary control(s) is to be established. It shall also include a list and map detailing control points enveloping the site.
6. A description of site calibration procedures including, but not limited to, equipment calibration and the frequency of calibration as well as how the equipment calibration and information will be documented to MDOT and the Project Engineer. The documentation shall contain a complete record of when and where the tests were performed and the status of each equipment item tested within or out of the ranges of required tolerances.
7. A description of the Contractor's quality control procedures for checking mechanical calibration and maintenance of equipment. It shall also include the frequency and type of checks to be performed.
8. A description of the method and frequency of field verification checks and the submission schedule of results to the Project Engineer.
9. A description of the Contractor's contingency plan in the event of failure/outage of the AMG system.
10. A schedule of Digital Terrain Models (DTM) intended for use on the project. This shall be submitted to the Engineer for review, feedback, and communication.

907-699.03.3.2--State's Responsibilities. The District Surveyor will set the primary horizontal and vertical control points in the field for the project as per latest edition of the MDOT Survey Manual. The control points shall be in Mississippi State Plane coordinate system.

MDOT will provide an electronic alignment file and primary control file for the project. This file will be based on the appropriate Mississippi State Plane Coordinate Zone either West or East. These files will be created with the computer software applications MicroStation (CADD software) and GEOPAK (civil engineering software). The data files will be provided in the native formats. The Contractor shall perform necessary conversion of the files for their selected grade control equipment, field verify the data for accuracy, and immediately report any errors to

MDOT.

MDOT will provide design data, if available, in an electronic format to the Contractor. These files will be created with the computer software applications MicroStation (CADD software) and GEOPAK (civil engineering software). The data files will be provided in the native formats as specified in the Data Format section of this specification. No guarantee is made to the data accuracy or completeness, or that the data systems used by MDOT will be directly compatible with the systems used by the Contractor. Information shown on the paper plans marked with the seal (official plans as advertised) shall govern.

The Engineer will perform spot checks as necessary of the Contractor's machine control grading results, surveying calculations, records, field procedures, and actual staking. If the Engineer determines that the work is not being performed in accordance with the Specifications, the Engineer shall order the Contractor to re-construct the work to the requirements of the contract documents at no additional cost to the Department.

907-699.03.3.3--Contractor's Responsibilities. The Contractor shall provide formal training, as requested, on the use of the Automated Machine Guidance Equipment, including Rover, and the Contractor's systems to MDOT project personnel prior to the start of construction activities utilizing AMG. This training is for providing MDOT project personnel with an understanding of the equipment, software, and electronic data being used by the Contractor.

The Contractor shall use the alignment and control data provided by MDOT.

The Contractor shall bear all costs, including but not limited to the cost of actual reconstruction work that may be incurred due to errors in application of Automated Machine Guidance techniques or manipulation of MDOT design data in Digital Terrain Models (DTM). The Contractor shall also bear all costs associated with any graphical grading outside the model / typical section, such as tying to existing grades at the beginning or end of a project.

The Contractor shall be responsible for converting the information on the plans and/or electronic data file provided by MDOT into a format compatible with the Contractor's AMG system.

The Contractor shall establish secondary control points at locations along the length of the project and outside the project limits and/or where work is performed beyond the project limits as required by the Automated Machine Guidance system utilized. The Contractor shall establish this secondary control using survey procedures as outlined in the latest edition of the MDOT Survey Manual. A copy of all new control point information shall be provided to the Engineer prior to construction activities. The Contractor shall be responsible for all errors resulting from their efforts and shall correct deficiencies to the satisfaction of the Engineer and at no additional cost to the State.

The Contractor shall preserve all reference points and monuments that are established by the District Surveyor outside the construction limits. If the Contractor fails to preserve these items, they shall be re-established by the Contractor to their original quality at no additional cost to the State.

The Contractor shall set grade stakes at the top of the finished sub-grade and base course at all hinge points on the typical sections at 1000-foot maximum intervals on mainline, critical points such as, but not limited to, PC's, PT's, beginning and ending super elevation transition sections, middle of the curve, and at least two locations on each of the side roads and ramps, and at the beginning and end of each cross slope transition where Automated Machine Guidance is used. These grade stakes shall be established using conventional survey methods for use by the Engineer to check the accuracy of the construction.

On grading projects, the Contractor shall set slope stakes and centerline stationing every 500 feet and at the beginning and end of spirals and curves. Closer intervals will be required for sharp changes in grades or alignment, widening and certain other geometric details.

The staking requirements for pavement grade stakes addressed in Sections 403 and 501 will not apply. The Contractor shall furnish an acceptable portable grade-verification device(s) (Rover) to verify grade tolerances.

The Contractor will be required to set 20 grade points (hubs) per mile at locations determined by the Engineer for field verification. If tolerances are not met, additional grade points may be required by the Engineer.

The Contractor shall furnish personnel to assist the Engineer in taking tolerance verification checks as necessary to determine whether specified tolerances are met.

The Contractor shall meet the same accuracy requirements as detailed in the Mississippi Standard Specifications for Road and Bridge Construction.

The Contractor shall be responsible for implementing the AMG system using the Mississippi State Plane Coordinate System. No localization methods will be accepted.

907-699.03.3.4--Data Format. It is the Contractor's responsibility to produce the Digital Terrain Model(s) and/or 3D line work needed for Automated Machine Guidance. MDOT does not produce this data in its design process. MDOT does provide CADD files created in the design process to the Contractor. The CADD files provided by MDOT are provided in the native software application formats in which they are created with no conversions, and their use in developing 3D data for machine guidance is at the discretion of the Contractor. The CADD files that may be available are listed below. Cross-Sections are one of the items provided but are not necessarily created at critical design locations. Therefore their use in Digital Terrain Models (DTM) for AMG is limited.

1. Project Control - Microstation DGN file and ASCII file
2. Existing Topographic Data - Microstation DGN file(s)
3. Preliminary Surveyed Ground Surface - GeoPak TIN, if available
4. Horizontal and Vertical alignment information - GeoPak GPK file and/or Microstation DGN file(s)
5. 2D Design line work (edge of pavement, shoulder, etc.) - Microstation DGN file(s)

6. Cross sections - Microstation DGN file(s), GeoPak format
7. Superelevation - Microstation DGN file(s), GeoPak format
8. Form Grades - Microstation DGN file(s)
9. Design Drainage - Microstation DGN file(s)

It is expressly understood and agreed that MDOT assumes no responsibility in respect to the sufficiency or accuracy of these CADD files. These files are provided for convenience only and the contract plans are the legal document for constructing the project.

907-699.04--Method of Measurement. Construction stakes will be measured as a lump sum quantity. When Pay Item No. 907-699-A, Roadway Construction Stakes, is provided in the contract, measurement shall include the staking of all bridges, including detour bridges, which are a part of the contract.

907-699.04.1--Roadway Construction Stakes. Roadway Construction Stakes will be measured for payment in accordance with the following schedule:

- (a) When one percent of the original contract amount is earned from all direct pay items, 10 percent of the amount bid for Roadway Construction Stakes will be paid.
- (b) When five percent of the original contract amount is earned from all direct pay items, 25 percent of the amount bid for Roadway Construction Stakes will be paid.
- (c) When 20 percent of the original contract amount is earned from all direct pay items, 50 percent of the amount bid for Roadway Construction Stakes will be paid.
- (d) After the Contractor has earned 50 percent of the original value of all direct pay items, the amount paid will be based on the contract percent complete.

907-699.04.2--Bridge Construction Stakes. Bridge Construction Stakes will be measured for payment in accordance with the following schedule:

- (a) When one percent of the original contract value of all bridge items is earned, 10 percent of the amount bid for Bridge Construction Stakes will be paid.
- (b) When five percent of the original contract value of all bridge items is earned, 25 percent of the amount bid for Bridge Construction Stakes will be paid.
- (c) When 20 percent of the original contract value of all bridge items is earned, 50 percent of the amount bid for Bridge Construction Stakes will be paid.
- (d) After the Contractor has earned 50 percent of original contract value of all bridge items, the amount paid will be based on the percentage of work completed on all bridge items.

907-699.05--Basis of Payment. Construction stakes, measured as prescribed above, will be paid for at the contract lump sum price, which shall be full compensation for completing the work.

Payment will be made under:

- | | |
|--|------------|
| 907-699-A: Roadway Construction Stakes | - lump sum |
| 907-699-B: Bridge Construction Stakes | - lump sum |

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SUPPLEMENT TO SPECIAL PROVISION NO. 907-701-5

DATE: 09/17/2014

SUBJECT: Hydraulic Cement

In the last paragraph of Subsection 907-701.04.1.1 on page 3, change "AASHTO Designation: M 240, Table 3" to "AASHTO Designation: M 240, Table 4".

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

| SPECIAL PROVISION NO. 907-701-5

CODE: (SP)

| DATE: 08/20/2014

SUBJECT: Hydraulic Cement

Section 701, Hydraulic Cement, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

Delete Subsection 701.01 on pages 595 & 596, and substitute the following:

907-701.01--General. The following requirements shall be applicable to hydraulic cement:

Only hydraulic cements conforming to Section 701 shall be used. Hydraulic cements shall not be listed or designated as meeting more than one AASHTO or Department type.

Different brands of hydraulic cement, or the same brand of hydraulic 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 hydraulic cement treatment of design soils, or bases.

The Contractor shall provide suitable means for storing and protecting the hydraulic cement against dampness. Hydraulic cement, which for any reason, has become partially set or which contains lumps of caked hydraulic cement will be rejected. Hydraulic cement salvaged from discarded or used bags shall not be used.

The temperature of bulk hydraulic cement shall not be greater than 165°F at the time of incorporation in the mix.

Acceptance of hydraulic cement will be based on the certification program as described in the Department's Materials Division Inspection, Testing, and Certification Manual and job control sampling and testing as established by Department SOP.

Retests of hydraulic cement may be made for soundness and expansion within 28 days of test failure and, if the hydraulic cement passes, it may be accepted. Hydraulic cement shall not be rejected due to failure to meet the fineness requirements if upon retests after drying at 212°F for one hour, it meets such requirements.

Delete Subsection 701.02 on page 596, and substitute the following:

907-701.02--Portland Cement.

907-701.02.1--General.

907-701.02.1.1--Types of Portland Cement. Portland cement (cement) shall be either Type I or Type II conforming to AASHTO Designation: M85. Type III cement conforming to AASHTO Designation: M85 or Type III (MS), as defined by the description below Table 1, may be used for the production of precast or precast-prestressed concrete members.

907-701.02.1.2--Alkali Content. All cement types in this Subsection shall meet the Equivalent alkali content requirement for low-alkali cements listed in AASHTO Designation: M85, Table 2.

907-701.02.2--Replacement by Other Cementitious Materials. The maximum replacement of cement by weight is 25% for fly ash or 50% for ground granulated blast furnace slag (GGBFS). The minimum tolerance for replacement shall be 5% below the maximum replacement content. Replacement contents below this minimum tolerance by fly ash or GGBFS may be used, but shall not be given any special considerations, like the maximum acceptance temperature for portland cement concrete containing pozzolans. Special considerations shall only apply for replacement of cement by fly ash or GGBFS.

907-701.02.2.1--Portland Cement Concrete Exposed to Soluble Sulfate Conditions or Seawater. When portland cement concrete is exposed to moderate or severe soluble sulfate conditions, or to seawater, cement types and replacement of cement by Class F fly ash, GGBFS, or silica fume shall be as follows in Table 1.

Table 1- 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 - 1,500	Type II **, ***, **** cement, or Type I cement with one of the following replacements of cement by weight: 25% Class F fly ash, 50% GGBFS, or 8% silica fume
Severe	0.20 - 2.00	1,500 - 10,000	Type I cement with a replacement by weight of 50% GGBFS, or Type II cement with one of the following replacements of cement by weight: 25% Class F fly ash, 50% GGBFS, or 8% silica fume

* The values listed in this table for replacement of portland cement by the cementitious materials listed are maximums and shall not be exceeded. The

minimum tolerance for replacement shall be 0.5% below the maximum replacement content. Replacement contents below this minimum tolerance by the cementitious materials listed in this table do not meet the requirements for the exposure conditions listed and shall not be allowed.

** Type III cement conforming to AASHTO Designation: M85 with a maximum 8% tricalcium aluminate (C_3A) may be used in lieu of Type II cement as allowed in Subsection 907-701.02.1; this cement is given the designation "Type III(MS)".

*** Blended cement meeting the sulfate resistance requirements of Subsection 907-701.04 may be used in lieu of Type II as allowed in Subsection 907-701.04.

**** Class F fly ash or GGBFS may be added as a replacement for cement as allowed in Subsection 907-701.02.2.

Class C fly ash shall not be used as a replacement for cement in any of the sulfate exposure conditions listed above.

907-701.02.2.2--Cement for Soil Stabilization Exposed to Soluble Sulfate Conditions or Seawater. When portland cement for use in soil stabilization is exposed to moderate or severe soluble sulfate conditions, or to seawater, cement types and replacement of cement by Class F fly ash or GGBFS shall meet the requirements of Subsection 907-701.02.2.1. Silica fume shall be used to bring the cementitious materials into compliance with the requirements of Table 1.

Delete Subsection 701.03 on page 596, and substitute the following:

907-701.03--Masonry Cement. Masonry cement shall conform to ASTM Designation: C 91 and shall only be used in masonry applications.

Delete Subsection 701.04 on page 596, and substitute the following:

907-701.04--Blended Hydraulic Cement.

907-701.04.1--General.

907-701.04.1.1--Types of Blended Cement. Blended hydraulic cements (blended cements) shall be of the following types and conform to AASHTO Designation: M 240:

- Type IS – Portland blast-furnace slag cement
- Type IP – Portland-pozzolan cement
- Type IL – Portland-limestone cement

Blended cement Types IS and IP for use in portland cement concrete or soil stabilization exposed to the moderate soluble sulfate condition or exposure to seawater as defined in Table 1 shall meet the Sulfate resistance requirement listed in AASHTO Designation: M 240, Table 3 and the "(MS)" suffix shall be added to the type designation.

907-701.04.1.2--Alkali Content. All blended cement shall be made with clinker that would result in cement meeting the requirements of Subsection 907-701.02.1.2 when used in the production of AASHTO Designation: M 85, Type I or Type II cement.

907-701.04.2--Replacement by Other Cementitious Materials. The maximum replacement of blended cement Type IL by weight is 35% for fly ash or 50% for GGBFS. Replacement contents below 20% fly ash or 45% GGBFS may be used, but shall not be given any special considerations, like the maximum acceptance temperature for portland cement concrete containing pozzolans. Special considerations shall only apply for replacement of blended cement by fly ash or GGBFS. No additional cementitious materials, such as Portland cement, performance hydraulic cement, fly ash, GGBFS, metakaolin, or others, shall be added to or as a replacement for blended cement Types IS and IP.

907-701.04.3--Exposure to Soluble Sulfate Conditions or Seawater. When portland cement concrete or blended cement for soil stabilization is exposed to moderate soluble sulfate conditions or to seawater, where the moderate soluble sulfate condition is defined in Table 1, the blended cement shall meet the sulfate resistance requirement listed in AASHTO Designation: M 240, Table 3.

When portland cement concrete or blended cement for soil stabilization is exposed to severe soluble sulfate conditions, where the severe soluble sulfate condition is defined in Table 1, blended cements shall not be used.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-702-5

CODE: (SP)

DATE: 08/12/2014

SUBJECT: Specifications for Bituminous Materials

Section 702, Bituminous Materials, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-702.05--Petroleum Asphalt Cement. Delete the third paragraph of Subsection 702.05 on page 598, and substitute the following.

The bituminous material used in all types of asphalt mixtures shall conform to AASHTO Designation: M 320, Performance Grade PG 67-22, as modified in the table below, except that Polyphosphoric Acid (PPA) may be used at low dosage rates as a modifier to enhance the physical properties of a base binder to meet the requirements for Performance Grade PG 67-22. In addition, PPA may be used as a catalyst or mixing agent at low dosage rates in the production of Polymer Modified, Performance Grade PG 76-22.

When PPA is used as a modifier, in no case shall the PPA modifier be used to adjust the physical properties of the binder a full binder grade. For example: the base binder (unmodified) is graded as a PG 64-22 and should only be modified by the addition of PPA to a modified binder grade of PG 67-22.

When petroleum asphalt cement is modified by PPA, the following dosage limits shall be applied.

Grade	Dosage Limit
PG 67-22	0.75% by weight of binder
PG 76-22	0.50% by weight of binder

907-702.07--Emulsified Asphalt.

907-702.07.2--Anionic and Cationic. After the last paragraph of Subsection 702.07.2 on page 600, add the following.

LockDown (LD-7) and CQS-1h shall conform to the requirements of Table V.

907-702.07.3--Polymer Modified Cationic Emulsified Asphalt (CRS-2P). Delete the paragraph in Subsection 702.07.3 on page 600, and substitute the following.

Polymer Modified Cationic Emulsified Asphalt shall conform to the requirements of AASHTO Designation: M 316, with the following exception:

In Table 1, the Ductility, 25 °C, 5 cm/min, shall be a minimum of 100 cm.

907-702.12--Tables. After the last Table of Subsection 702.12 on page 606, add the following.

**TABLE V
SPECIFICATION FOR FOG SEAL**

Test Requirements	LD-7		CQS-1h		Test Method
	Min.	Max.	Min.	Max.	
Viscosity, Saybolt Furol, @ 25°C, Sec.	15	100	20	150	AASHTO T 72
Storage Stability Test, 24 hr, %	-	1	-	1	AASHTO T 59
Settlement, 5 day, %	-	5	-	-	AASHTO T 59
Particle Charge	-	-	Positive		AASHTO T 59
Oil Distillate, %	-	1	-	-	AASHTO T 59
Sieve Test, % *	-	0.3	-	0.1	AASHTO T 59
Residue by Distillation, %	40	-	60	-	AASHTO T 59
Test on Residue from Distillation					
Penetration @ 25°C	-	20	-	-	AASHTO T 49
Penetration @ 25°C, 100g, 5s	-	-	60	110	AASHTO T 49
Softening Point, °C	65	-	-	-	ASTM 36
Solubility in trichloroethylene, %	97.5	-	97.5	-	AASHTO T 44
Ductility @ 25°C, cm	-	-	40	-	AASHTO T 51
Original DSR @ 82° (G*/Sinδ, 10 rad/sec)	1	-	-	-	AASHTO T 111

* The Sieve result is tested for reporting purpose only, and it may be waived if no application problems are present in the field.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SUPPLEMENT TO SPECIAL PROVISION NO. 907-703-12

DATE: 01/29/2015

SUBJECT: Aggregates

In the title of Subsection 907-703.06 on page 2, delete "Hot Mix".

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-703-12

CODE: (IS)

DATE: 10/28/2014

SUBJECT: Aggregates

Section 703, Aggregates, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

907-703.03.2.4--Gradation. Delete the table in Subsection 703.03.2.4 on page 611 and substitute 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	Size No. 78	Size No. 8	Size No. 89
2 inch	100						
1½ inch	95-100	100					
1 inch		80-100	100				
¾ inch	35-70		80-100	100	100	100	
½ inch		25-60		90-100	90-100	95 100	100
⅜ inch	10-30		20-55	40-70	40-75	75-100	85 100
No. 4	0-5	0-10	0-10	0-15	5-25	5-30	20-40
No. 8		0-5	0-5	0-5	0-10	0-10	0-10
No. 16					0-5	0-5	0-5

Delete the last sentence of the last paragraph of Subsection 703.03.2.4 on page 611.

907-703.04--Aggregate for Crushed Stone Courses.

907-703.04.1--Coarse Aggregate. Delete the first paragraph of Subsection 703.04.1 on page 611, and substitute the following.

Coarse aggregate, defined as material retained on No. 8 sieve, shall be either crushed limestone, steel slag, granite, concrete, or combination thereof. Crushed concrete is defined as recycled concrete pavement, structural concrete, or other concrete sources that can be crushed to meet the gradation requirements for Size No. 825B as modified below. In no case shall waste from concrete production (wash-out) be used as a crushed stone base.

907-703.04.2--Fine Aggregate. Delete the first sentence of the first paragraph of Subsection 703.04.2 on page 612, and substitute the following.

Fine aggregate, defined as material passing the No. 8 sieve, shall be material resulting from the crushing of limestone, steel slag, granite, concrete, or combination thereof.

Delete the third paragraph of Subsection 703.04.2 on page 612.

907-703.04.3--Gradation. In the table of Subsection 703.04.3 on page 613, change the requirement for the 1-inch sieve under Size No. 825 B from "75 - 98" to "75 - 100".

After the table in Subsection 703.04.3 on page 613, add the following.

If crushed concrete is used, the crushed material shall meet the gradation requirements of Size No. 825 B with the exception that the percent passing by weight of the No. 200 sieve shall be 2 – 18.

907-703.06--Aggregates for Hot Mix Asphalt.

907-703.06.1--Coarse Aggregates. Delete the third paragraph of Subsection 703.06.1 on page 613, and substitute the following.

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.

907-703.06.1.2--Fine Aggregates. Delete the last sentence of Subsection 703.06.1.2 on page 614.

907-703.14--Aggregates for Bituminous Surface Treatments.

907-703.14.2--Detail Requirements.

907-703.14.2.1--Gradation. In the table entitled "Gradation Requirements For Cover Aggregate" in Subsection 703.14.2.1 on page 622, delete the requirement for the No. 16 sieve for Size No. 7 under the column "Slag or Expanded Clay".

Delete Subsection 703.19 on page 624, and substitute the following.

907-703.19--Lightweight Aggregate for Concrete.

907-703.19.1--Lightweight Aggregate for Structural Concrete. Lightweight aggregate for structural concrete shall meet the requirements of AASHTO Designation: M 195.

907-703.19.2--Lightweight Aggregate for Internal Curing of Concrete. Lightweight aggregate for internal curing of concrete shall meet the requirements of ASTM Designation: C 1761. The lightweight aggregate shall meet the gradation requirements listed in Table 1 for either "9.5 mm to 2.36 mm (3/8 in. to No. 8)" Coarse aggregate, "9.5 mm to 0 (3/8 in. to 0)" Combined fine and coarse aggregate, or "4.75 mm to 0 (No. 4 to 0)" Fine aggregate. The fineness modulus of the lightweight aggregate shall not be less than 2.70.

907-703.20--Aggregate for Stabilizer.

907-703.20.3--Gradation. Delete the table and notes in Subsection 703.20.3 at the top of page 626, and substitute the following.

PERCENT PASSING BY WEIGHT

Square Mesh Sieves	Shell	Coarse			Medium	Fine
		Size I	Size II Note (1)	Size III Note (3)		
3 inch	90-100			100		
2 1/2 inch				90-100		
2 inch		100				
1 1/2 inch		90-100	100	25-60		
1 inch		80-100	97-100			
3/4 inch		55-100	55-100	0-10		
1/2 inch		35-85	35-85	0-5	100	
3/8 inch		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	0-5				10-40	80-100
No. 60					0-20	30-100
No. 100						15-80
No. 200		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.

Note (3): Size III is intended for use in stabilized construction entrances.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-711-4

CODE: (IS)

DATE: 06/26/2009

SUBJECT: Synthetic Structural Fiber Reinforcement

Section 711, Reinforcement and Wire Rope, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

After Subsection 711.03.4.3 on page 665, add the following:

907-711.04--Synthetic Structural Fiber. The synthetic structural fibers shall be approved for listing in the Department's "Approved Sources of Materials" prior to use. The synthetic structural fibers shall be added to the concrete and mixed in accordance with the manufacturer's recommended methods.

907-711.04.1--Material Properties. The fibers shall meet the requirements of ASTM Designation: C 1116, Section 4.1.3. The fibers shall be made of polypropylene, polypropylene/polyethylene blend, nylon, or polyvinyl alcohol (PVA).

907-711.04.2--Minimum Dosage Rate. The dosage rate shall be such that the average residual strength ratio ($R_{150,3,0}$) of fiber reinforced concrete beams is a minimum of 20.0 percent when the beams are tested in accordance with ASTM Designation: C 1609. The dosage rate for fibers shall be determined by the following.

The fiber manufacturer shall have the fibers tested by an acceptable, independent laboratory acceptable to the Department and regularly inspected by the Cement and Concrete Reference Laboratory of the National Institutes of Standards and Technology and approved to perform ASTM Designations: C 39, C 78, and C192.

The laboratory shall test the fibers following the requirements of ASTM Designation: C 1609 in a minimum of three (3) test specimens cast from the same batch of concrete, molded in 6 x 6 x 20-inch standard beam molds meeting the requirements of ASTM Designation: C 31. The beams shall be tested on an 18-inch span. The tests for $R_{150,3,0}$ shall be performed when the average compressive strength of concrete used to cast the beams is between 3500 and 4500 psi. The tests for compressive strength shall follow the requirements of ASTM Designation: C 39. The average compressive strength shall be determined from a minimum of two (2) compressive strength cylinders.

The value for $R_{150,3}$ shall be determined using the following equation:

$$R_{150,3,0} = \frac{f_{150,3,0}}{f_1} \times 100$$

The residual flexural strength ($f_{150,3,0}$) shall be determined using the following equation:

$$f_{150,3,0} = \frac{P_{150,3,0} \times L}{b \times d^2}$$

where:

$f_{150,3,0}$ is the residual flexural strength at the midspan deflection of $L/150$, (psi),

$P_{150,3,0}$ is the residual load capacity at the midspan deflection of $L/150$, (lbf),

L is the span, (in),

b is the width of the specimen at the fracture, (in), and

d is the depth of the specimen at the fracture, (in).

For a 6 x 6 x 20-inch beam, the $P_{150,3,0}$ shall be measured at a midspan deflection of 0.12 inch.

Additionally, $R_{150,3,0}$, $f_{150,3,0}$, and $P_{150,3,0}$ may also be referred to as R_{150}^{150} , f_{150}^{150} , and P_{150}^{150} respectively.

At the dosage rate required to achieve the minimum $R_{150,3}$, the mixture shall both be workable and the fibers shall not form clumps.

The manufacturer shall submit to the State Materials Engineer certified test reports from the independent laboratory showing the test results of each test specimen.

907-711.04.3--Job Control Requirements. The synthetic structural fibers shall be one from the Department's "Approved Sources of Materials."

At the required dosage rate, the mixture shall both be workable and the fibers shall not form clumps to the satisfaction of the Engineer. If the mixture is determined by the Engineer to not be workable or have clumps of fibers, the mixture may be rejected.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-713-6

CODE: (SP)

DATE: 03/17/2016

SUBJECT: Admixtures for Concrete

Section 713, Concrete Curing Materials and Admixtures, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

After the second paragraph of Subsection 713.01.2 on page 676, add the following.

Type 1-D compound may be used on bridge rails, median barriers, and other structures requiring a spray finish. When Type 1-D compound is used, it will be the responsibility of the Contractor to assure that the compound has dissipated from the structure prior to applying the spray finish and that the spray finish adheres soundly to the structure.

Delete Subsection 713.02 on pages 676 & 677, and substitute the following.

907-713.02--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. Water-reducing admixture shall meet the minimum requirements for Type A. Set-retarding admixtures shall meet the minimum requirements for Type D. Admixtures providing a specific performance characteristic(s) other than those of water reduction or set retardation shall meet the minimum requirements for Type S. For admixtures meeting the requirements for Type S, the manufacturer shall provide data to substantiate the specific performance characteristic(s) to the satisfaction of the State Materials Engineer.

In order to obtain approval of an admixture, the State Materials Engineer shall have been furnished certified test reports, made by an acceptable independent laboratory regularly inspected by the Cement and Concrete Reference Laboratory of the National Institutes of Standards and Technology, which show that the admixture meets all the requirements of the applicable AASHTO Standard Specification.

The Department reserves the right to sample, for check tests, any shipment or lot of admixture delivered to a project.

The Department 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.

After an admixture has been approved, the Contractor shall submit to the State Materials Engineer, with each new lot of material shipped, a certification from the manufacturer in accordance with the requirements of Subsection 700.05.1 and stating the material is of the same composition as

originally approved and has not been changed or altered in any way. The requirement in Subsection 700.05.1(b) is not required on the certification from the manufacturer.

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.

Admixtures shall only be used in accordance with the manufacturer's recommended dosage range as set forth in the manufacturer's approval request correspondence. When an admixture is used in Portland cement concrete, it shall be the responsibility of the Contractor to produce satisfactory results.

907-713.02.1--Source Approval. In order to obtain approval of an admixture, the Producer/Suppliers shall submit to the State Materials Engineer the following for review: certified test reports, made by an acceptable independent laboratory regularly inspected by the Cement and Concrete Reference Laboratory of the National Institutes of Standards and Technology, which show that the admixture meets all the requirements of the applicable AASHTO or Department Specification for the specific type and the dosage range for the specific type of admixture.

907-713.02.2--Specific Requirements. Admixtures containing chlorides will not be permitted.

907-713.02.3--Acceptance. The Department reserves the right to sample, for check tests, any shipment or lot of admixture delivered to a project.

The Department 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.

Failure to maintain compliance with any requirement of these specifications shall be cause for rejection of any previously approved source or brand of admixture.

With each new lot of material shipped the Contractor shall submit to the State Materials Engineer, a notarized certification from the manufacturer showing that the material complies with the requirements of the applicable AASHTO or Department Specification.

When an admixture is used, it shall be the responsibility of the Contractor to produce satisfactory results.

907-713.02.4--Waterproofing Admixture. This product is used as a waterproofing admixture for cast in place concrete bridge decks and bridge deck topping.

The Contractor shall submit manufacturer's product data and installation methods for each type of the products required to demonstrate the product complies with specifications.

The materials shall be installed in accordance with manufacturer's instructions.

The waterproofing admixture shall be one of the following, or an approved equal.

- Xypex Admix
- Everdure Caltite
- Hycrete W1000

The dosage rate for the above admixtures shall be as follows:

- Xypex Admix shall be 15 pounds per cubic yard.
- Everdure Caltite shall be a minimum of 1.5% by weight of cement.
- Hycrete W1000 shall be a minimum one (1) gallon per cubic yard.

Any retardation of set that occurs will depend upon the concrete mix design and the dosage rate of the admixture.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

| SPECIAL PROVISION NO. 907-714-8

CODE: (IS)

| DATE: 05/01/2013

SUBJECT: Miscellaneous Materials

Section 714, Miscellaneous Materials, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-714.05--Fly Ash. Delete Subsections 714.05.1 & 714.05.2 on pages 680 & 681, and substitute the following.

907-714.05.1--General. The fly ash source must be approved for listing in the Department's "Approved Sources of Materials" prior to use. 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 Department's Materials Division Inspection, Testing, and Certification Manual and Department SOP.

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 from dampness. Separate storage silos, bins, or containers shall be provided for fly ash. Fly ash which has become partially set or 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.

All classes of fly ash shall meet the supplementary option chemical requirement for available alkalies listed in AASHTO Designation: M 295, Table 2. Class F fly ash shall have a calcium oxide (CaO) content of less than 6.0%. Class C fly ash shall have a CaO content of greater than or equal to 8.0%.

The replacement of Portland cement with fly ash shall be in accordance with the applicable replacement content specified in Subsection 907-701.02.2.

In addition to these requirements, fly ash shall meet the following specific requirements for the intended use.

907-714.05.2--Fly Ash for Use in Concrete. When used with Portland cement in the production of concrete or grout, the fly ash shall meet the requirements of AASHTO Designation: M 295, Class C or F, with the following exception:

The loss on ignition shall not exceed 6.0 percent.

No additional cementitious materials, such as blended hydraulic cement, GGBFS, metakaolin, or others, shall be added to or as a replacement for Portland cement when used with fly ash.

907-714.06--Ground Granulated Blast Furnace Slag (GGBFS). Delete Subsection 714.06.1 on page 681, and substitute the following.

907-714.06.1--General. The GGBFS source must be approved for listing in the Department's "Approved Sources of Materials" prior to use. 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 Department's Materials Division Inspection, Testing, and Certification Manual and Department SOP.

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 State Materials 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 soils or bases.

No additional cementitious materials, such as blended hydraulic cement, fly ash, metakaolin, or others, shall be added to or as a replacement for Portland cement when used with GGBFS in the production of concrete. The replacement of Portland cement with GGBFS shall be in accordance with the applicable replacement content specified in Subsection 907-701.02.2.

Delete Subsection 714.07 on page 682, and substitute the following.

907-714.07--Additional Cementitious Materials.

907-714.07.1--Metakaolin.

907-714.07.1.1--General. Metakaolin shall only be used as a supplementary cementitious material in Portland cement concrete for compliance with the requirements for cementitious materials exposed to soluble sulfate conditions. Metakaolin from different sources shall not be mixed or used alternately in any one class of construction or structure without written permission from the Engineer. No additional cementitious materials, such as blended hydraulic cement, fly ash, GGBFS, or others, shall be added to or as a replacement for Portland cement when used with metakaolin in the production of concrete.

The State Materials Engineer shall be notified in writing of the nature, amount and identity of any processing, or other additions made to the metakaolin during production.

907-714.07.1.2--Source Approval. The approval of each metakaolin source shall be on a case

by case basis as determined by the State Materials Engineer. In order to obtain approval of a metakaolin source, the Producer/Suppliers shall submit to the State Materials Engineer the following for review: certified test reports, made by an acceptable, independent laboratory regularly inspected by the Cement and Concrete Reference Laboratory of the National Institutes of Standards and Technology, which show that the metakaolin meets all the requirements of AASHTO Designation: M295, including the Effectiveness in contributing to sulfate resistance, Procedure A, listed in AASHTO Designation: M295, Table 4 for Supplementary Optional Physical Requirements, and other requirements listed herein.

In order to demonstrate effectiveness in contributing to sulfate resistance, included in this test data shall be results of metakaolin from the proposed source tested in accordance with ASTM Designation: C 1012. There shall be two sets of test specimens per the following:

- a. One set of test specimens shall be prepared using a Type I Portland cement meeting the requirements of AASHTO Designation: M85 and having a tricalcium aluminate (C_3A) content of more than 8.0%,
- b. One set of test specimens shall be prepared using a Type II Portland cement meeting the requirements of AASHTO Designation: M85.
- c. The proposed metakaolin shall be incorporated at the rate of 10% cement replacement in each set of test specimens and shall meet both of the acceptance criteria listed below for source approval.

The requirement for acceptance of the test sample using Type I Portland cement is an expansion of 0.10% or less at the end of six months. The requirement for acceptance of the test sample using Type II Portland cement is an expansion of 0.05% or less at the end of six months.

907-714.07.1.3--Storage. The Contractor shall provide suitable means for storing and protecting the metakaolin against dampness and contamination. Metakaolin which has become partially set, caked, or contains lumps shall not be used.

907-714.07.1.4--Specific Requirements. Metakaolin shall meet the requirements of AASHTO Designation: M 295, Class N with the following modifications:

1. The sum of $SiO_2 + Al_2O_3 + Fe_2O_3$ shall be at least 85%. The Material Safety Data Sheet shall indicate that the amount of crystalline silica, as measured by National Institute of Occupation Safety and Health (NIOSH) 7500 method, after removal of the mica interference, is less than 1.0%.
2. The loss on ignition shall be less than 3.0%.
3. The available alkalies, as equivalent Na_2O , shall not exceed 1.0%.
4. The amount of material retained on a No. 325 mesh sieve shall not exceed 1.0%.
5. The strength activity index at seven (7) days shall be at least 85%.

907-714.07.1.5--Acceptance. With each new lot of material shipped the Contractor shall submit to the State Materials Engineer a certified test report from the manufacturer showing that the material meets the requirements AASHTO Designation: M295, Class N and the requirements of this Subsection.

The Department reserves the right to sample, for check tests, any shipment or lot of metakaolin delivered to a project.

907-714.07.2--Silica Fume.

907-714.07.2.1--General. Silica fume shall only be used as a supplementary cementitious material in Portland cement concrete for compliance with the requirements for cementitious materials exposed to soluble sulfate conditions. Silica fume from different sources shall not be mixed or used alternately in any one class of construction or structure without written permission from the Engineer. No additional cementitious materials, such as blended hydraulic cement, performance hydraulic cement, fly ash, GGBFS, or others, shall be added to or as a replacement for Portland cement when used with silica fume in the production of concrete.

The State Materials Engineer shall be notified in writing of the nature, amount and identity of any processing, or other additions made to the silica fume during production.

907-714.07.2.2--Source Approval. The approval of each silica fume source shall be on a case by case basis as determined by the State Materials Engineer. In order to obtain approval of a silica fume source, the Producer/Suppliers shall submit to the State Materials Engineer the following for review: certified test reports, made by an acceptable, independent laboratory regularly inspected by the Cement and Concrete Reference Laboratory of the National Institutes of Standards and Technology, which show that the silica fume meets all the requirements of AASHTO Designation: M307, Table 3, including the Sulfate resistance expansion, listed in the table for Optional Physical Requirements, and other requirements listed herein.

In order to demonstrate effectiveness in contributing to sulfate resistance, included in this test data shall be results of silica fume from the proposed source tested in accordance with ASTM Designation: C 1012. There shall be two sets of test specimens per the following:

- a. One set of test specimens shall be prepared using a Type I Portland cement meeting the requirements of AASHTO Designation: M85 and having a tricalcium aluminate (C_3A) content of more than 8.0%,
- b. One set of test specimens shall be prepared using a Type II Portland cement meeting the requirements of AASHTO Designation: M85.
- c. The proposed silica fume shall be incorporated at the rate of 8% cement replacement in each set of test specimens and shall meet both of the acceptance criteria listed below for source approval.

The requirement for acceptance of the test sample using Type I Portland cement is an expansion of 0.10% or less at the end of six months. The requirement for acceptance of the test sample using Type II Portland cement is an expansion of 0.05% or less at the end of six months.

907-714.07.2.3--Storage. The Contractor shall provide suitable means for storing and protecting the silica fume against dampness and contamination. Silica fume which has become partially set, caked, or contains lumps shall not be used.

907-714.07.2.4--Acceptance. With each new lot of material shipped, the Contractor shall submit to the State Materials Engineer a certified test report from the manufacturer showing that the material meets the Chemical and Physical Requirements of AASHTO Designation: M307.

The Department reserves the right to sample, for check tests, any shipment or lot of silica fume delivered to a project.

Delete Subsection 714.11.6 on pages 690 and 691, and substitute the following.

907-714.11.6--Rapid Setting Cementitious Patching Compounds for Concrete Repair.

Rapid setting concrete patching compounds must be approved for listing in the Department's "Approved Sources of Materials" prior to use. Upon approval, a product must be recertified every four (4) years to remain on the "Approved Sources of Materials" list. Each product shall be pre-measured 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 Subsection 703.02 for fine aggregate and Subsection 703.03 for coarse aggregate. Required mixing water to be added at the job site shall meet the requirements of Subsection 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.

Patching compounds containing soluble 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 cementitious concrete patching compounds, including components to be added at the job site, shall conform to the following physical requirements:

Non-shrink cementitious grouts shall not be permitted for use.

Compressive strength shall equal or exceed 3000 psi in 24 hours in accordance with ASTM C 928 for Type R2 concrete or mortar.

Bond strength shall equal or exceed 1000 psi in 24 hours in accordance with ASTM C 928 for Type R2 concrete or mortar.

The material shall have a maximum length change of $\pm 0.15\%$ in accordance with ASTM C 928 for Type R2 concrete or mortar.

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 State Materials Engineer 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 State Materials Engineer upon receipt of certification from the manufacturer that the new lot of material is the same composition as that originally approved by the Department and that the material has not been changed or altered in any way.

907-714.11.7--Commercial Grout for Anchoring Doweled Tie Bars in Concrete. Before Subsection 714.11.7.1 on page 691, add the following.

Approved Non-"Fast Set" Epoxy anchor systems as specified below may be used for the repair of concrete pavements that do not involve permanent sustained tension applications or overhead applications.

"Fast Set Epoxy" may not be used for any Adhesive Anchor Applications. Adhesive Anchor Systems (Fast Set epoxy or otherwise) shall not be used for permanent sustained tension applications or overhead applications. "Fast Set Epoxy" refers to an epoxy produced by the Sika Corporation called Sikadur AnchorFix-3 and repackaged for sale under a variety of names/companies listed at the Federal Highway Administration web site at the following link:

<http://www.fhwa.dot.gov/Bridge/adhesives.cfm>

907-714.11.7.4--Acceptance Procedure. After the last sentence of the first paragraph of Subsection 714.11.4 on page 691, add the following.

Upon approval, a product must be recertified every four (4) years to remain on the "Approved Sources of Materials" list.

907-714.11.8--Epoxy Joint Repair System.

907-714.11.8.1--General. After the last sentence of the first paragraph of Subsection 714.11.8.1 on page 692, add the following.

Upon approval, a product must be recertified every four (4) years to remain on the "Approved Sources of Materials" list.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

| SPECIAL PROVISION NO. 907-720-2

CODE: (IS)

| DATE: 05/01/2013

| SUBJECT: Pavement Marking Materials

Section 720, Pavement Marking Materials, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

| **907-720.01--Glass Beads.** After the first sentence of Subsection 720.01 on page 729, add the following.

The glass beads shall contain no more than 200 ppm (mg/kg) total concentration for lead, arsenic, or antimony. The manufacture shall furnish the Engineer with a certified test report indicating that the glass beads meet the above requirement.

907-720.02--Thermoplastic Pavement Markings. Delete the first paragraph of Subsection 720.02 on page 730 and substitute the following.

The thermoplastic material shall be lead free and conform to AASHTO Designation: M 249 except the glass beads shall be moisture resistant coated.

After the first sentence of the second paragraph of Subsection 720.02 on page 730, add the following.

In addition, the certification for the thermoplastic material shall state that the material is lead free.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SUPPLEMENT TO SPECIAL PROVISION NO. 907-804-19

DATE: 03/22/2016

SUBJECT: Concrete Bridges and Structures

Delete the second and third paragraphs of Subsection 907.804.03.16.2 on page 37, and substitute the following.

For bridge decks when the ambient temperature is above 90°F, the forms, reinforcing steel, steel beam flanges, and other surfaces which will come in contact with the concrete shall be cooled to below 90°F by means of a water spray or other approved methods. Additionally, when the atmospheric temperature is predicted to be 90°F or above based on the latest information available from the National Weather Service any time during the day of placement or day after placement, the time of placement shall not begin until 5:00 p.m. on the day of placement and shall be completed by 6:00 a.m. the following day.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-804-19

CODE: (SP)

DATE: 11/10/2015

SUBJECT: Concrete Bridges and Structures

Section 804, Concrete Bridges and Structures, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby deleted and replaced as follows.

SECTION 907-804--CONCRETE BRIDGES AND STRUCTURES

907-804.01--Description. This work consists of constructing concrete bridges and structures in accordance with these specifications and in reasonably close conformity with the dimensions, designs, lines, and grades indicated on the plans or established.

Construction of box bridges shall be in accordance with Sections 601 and 602.

907-804.02--Materials.

907-804.02.1--General. Concrete produced and controlled from this specification shall be accepted upon proper certification of concrete production through an approved quality control program and verification by job site acceptance criteria. The Contractor shall develop and implement a quality control program which shall be used to maintain the required properties of concrete. For projects with 1000 cubic yards and more, quality control and acceptance shall be achieved through statistical evaluation of test results. For projects of more than 200 but less than 1000 cubic yards, quality control and acceptance shall be achieved by individual test results. For projects less than or equal to 200 cubic yards, refer to the requirements of TMD-20-05-00-000 "Sampling and Testing of Small Quantities of Miscellaneous Materials" for mixture design and testing requirements.

The materials for concrete bridges and structures, when sampled and tested in accordance with Subsection 700.03, shall meet the requirements of the following Subsections:

Portland Cement	701.01 and 701.02
Blended Cement	907-701.01 and 907-701.04
Admixtures	713.02
Fly Ash	714.05
Ground Granulated Blast Furnace Slag (GGBFS)	907-714.06
Silica Fume	907-714.07.2
Water	714.01.1 and 714.01.2
Fine Aggregate	703.02
Coarse Aggregate	703.03
Lightweight Aggregate	907-703.19
Curing Materials	713.01

Joint Materials	707.01, 707.02, and 707.07
Structural Steel Joints and Bearing Devices	717.01
Bearing Pads	714.10
Wire Rope or Wire Cable for Prestressed Concrete	700.01 and 711.03
Sprayed Finish for Concrete Surface	714.12
Reinforcing Steel	711.02

907-804.02.2--Use, Care, and Handling. The use, care, and handling of materials shall conform to the applicable requirements of Subsection 501.03.10 and the specific requirements of Subsections 907-804.02.4 and 907-804.02.5. Unless otherwise authorized, only fine aggregate or coarse aggregate of one type and from the same source shall be used in the construction of any one unit of a structure. Should the Contractor, with written permission of the Engineer, elect to substitute high early strength cement for cement of the type specified, the Contractor will not receive additional compensation for the substitution.

907-804.02.3--Blank.

907-804.02.4--Care and Storage of Concrete Aggregates. The handling and storage of aggregates shall be such as to prevent segregation or contamination with foreign materials. The Engineer may require that aggregates be stored on separate platforms at satisfactory locations.

When specified, coarse aggregates shall be separated into two or more sizes in order to secure greater uniformity of the concrete mixture. Different sizes of aggregate shall be stored in separate stock piles sufficiently removed from each other to prevent the material at the edges of the piles from becoming intermixed.

907-804.02.5--Storage of Cementitious Materials. All cementitious materials shall be stored in suitable weather-proof buildings or bins. These buildings or bins shall be placed in locations approved by the Engineer. Provision for storage shall be ample, and the shipments of cementitious materials as received shall be stored separately or other provisions made to the satisfaction of the Engineer for easy access for the identification, inspection, and sampling of each shipment as deemed desirable. Stored cementitious materials shall meet the test requirements at any time after storage when a retest is ordered by the Engineer.

On small jobs, open storage consisting of a raised platform and ample waterproof covering may be permitted by written authorization from the Engineer.

When specified, the Contractor shall keep accurate records of deliveries of cementitious materials and of their use in the work. Copies of these records shall be supplied in the form required by the Engineer.

907-804.02.6--Classification and Uses of Concrete. When a specific class of concrete is not specified on the plans or in the contract documents, the structure or parts thereof shall be constructed with the class of concrete as directed by the Engineer.

The classes and their uses are as follows:

- (1) Class AA - Concrete for bridge construction and concrete exposed to seawater.
- (2) Class A - Concrete shown as Class A shall herein be classified as and required to meet the performance criteria of Class AA.
- (3) Class B - General use, heavily reinforced sections, cast-in-place concrete piles, and conventional concrete piles.
- (4) Class C - Massive sections or lightly reinforced sections.
- (5) Class D - Massive unreinforced sections and riprap.
- (6) Class F - Concrete for prestressed members.
- (7) Class FX - Extra strength concrete for prestressed members, as shown on plans.
- (8) Class S - For all seal concrete deposited under water.
- (9) Class DS - Drilled Shaft

907-804.02.7--Blank.

907-804.02.8--Laboratory Accreditation. The Contractor shall be responsible for furnishing the laboratory used to perform concrete quality control tests. The laboratory may be the Contractor's facility, the concrete producer's facility, or a certified independent testing laboratory.

Only laboratories certified by the Mississippi Department of Transportation are qualified to perform material testing. Certification by AASHTO Accreditation Program (AAP) will be acceptable if the laboratory is listed in the latest AAP publication and maintains accreditation to completion of concrete work.

The Contractor's laboratory designated for quality control testing shall have equipment necessary to test aggregates and concrete for the test methods listed in Table 1.

Table 1

AASHTO: R 39	Making and Curing Concrete Test Specimens in the Laboratory
AASHTO: R 60	Sampling Freshly Mixed Concrete
AASHTO: T 2	Sampling Aggregates
AASHTO: T 19	Bulk Density ("Unit Weight") and Voids in Aggregates
AASHTO: T 22	Compressive Strength of Cylindrical Concrete Specimens
AASHTO: T 23	Making and Curing Concrete Test Specimens in the Field
AASHTO: T 27	Sieve Analysis of Fine and Coarse Aggregates
AASHTO: T 84	Specific Gravity and Absorption of Fine Aggregate
AASHTO: T 85	Specific Gravity and Absorption of Coarse Aggregate
AASHTO: T 119	Slump of Hydraulic Cement Concrete
AASHTO: T 121	Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete
AASHTO: T 152	Air Content of Freshly Mixed Concrete by Pressure Method *
AASHTO: T 196	Air Content of Freshly Mixed Concrete by the Volumetric Method *
AASHTO: T 231	Capping Cylindrical Concrete Specimens
AASHTO: T 248	Reducing Field Samples of Aggregate to Testing Size
AASHTO: T 255	Total Evaporable Moisture Content of Aggregate by Drying

AASHTO: T 325	Standard Method of Test for Estimating the Strength of Concrete in Transportation Construction by Maturity Tests **
ASTM: C 1064	Standard Test Method for Temperature of Freshly Mixed Hydraulic Cement Concrete
ASTM: C 1074	Standard Practice for Estimating Concrete Strength by the Maturity Method **

* Equipment necessary for either pressure or volumetric air content.

** Equipment necessary for estimating concrete strength following the maturity method.

Testing equipment shall have been inspected by the Department or through the AASHTO Accreditation Program. Testing equipment calibration files shall be made available upon request by the Department.

907-804.02.9--Testing Personnel. Technicians testing portland cement concrete, for either acceptance or production control purposes, shall be certified by an accepted certification program. Recertification is required for each Class after five years. Certification requirements are listed in Table 2.

Table 2

Concrete Technician's Tasks	Test Method Required	Certification Required**
Sampling or Testing of Plastic Concrete	AASHTO Designation: R 60, T 23, T 119, T 121, T 152, T 196, and ASTM Designation: C 1064	MDOT Class I certification
Compressive Strength Testing of Concrete Cylinders	AASHTO Designation: T 22 and T 231	MDOT Concrete Strength Testing Technician certification
Sampling of Aggregates	AASHTO Designation: T 2	Work under the supervision of a MDOT Class II certified technician
Testing of Aggregates	AASHTO Designation: T 19, T 27, T 84, T 85, T 248, and T 255	MDOT Class II certification
Proportioning of Concrete Mixtures*	AASHTO Designation: M 157 and R 39	MDOT Class III certification
Interpretation and Application of Maturity Meter Readings	AASHTO Designation: T 325 and ASTM Designation: C 1074	MDOT Class III certification or Two hours maturity method training

* Technicians making concrete test specimens for meeting the requirements of Subsection 907-804.02.10.1.2 shall be MDOT Class I certified and under the direct supervision of an MDOT Class III certified technician.

** MDOT Class I certification encompasses the same test procedures and specifications as ACI Concrete Field Testing Technician-Grade I. MDOT Class II certification encompasses the same test procedures and specifications as ACI Aggregate Testing Technician-Level 1. MDOT Concrete Strength Testing Technician encompasses the same test procedures and specifications as ACI Concrete Strength Testing certification.

Specific requirements for each level of certification are in the latest edition of the Department's *Concrete Field Manual*. Current MDOT Class I, MDOT Class II, and/or MDOT Class III certifications shall be acceptable until those certifications expire. Upon expiration of a current certification, recertification with the certifications listed in Table 2 shall be required. Technicians performing either specific gravity testing of aggregates or compressive strength tests shall be required to either:

- have the required MDOT certification listed in Table 2, or
- have a current MDOT Class III certification or work under the direct supervision of current MDOT Class III technician, and have demonstrated the specific gravity and/or compressive strength test during the inspection of laboratory equipment by the Materials Division, Concrete Section.

907-804.02.10--Portland Cement Concrete Mixture Design. At least 10 days prior to production of concrete, the Contractor shall submit to the Engineer proposed concrete mixture designs complying with the Department's *Concrete Field Manual*. Materials shall be from approved sources meeting the requirements of the Standard Specifications. Proportions for the mixture designs shall be for the class concrete required by the contract plans and shall meet the requirements of the "Master Proportion Table for Structural Concrete Design" listed in Table 3. The concrete producer shall assign a permanent unique mixture number to each mixture design. Each mixture design shall be field verified as required in Subsection 907-804.02.10.3. Acceptable field verification data shall be required for final approval of a mixture design.

All concrete mixture designs will be reviewed by the Materials Division prior to use. Concrete mixture designs disapproved will be returned to the Contractor with a statement explaining the disapproval.

If the Contractor chooses to cure the concrete in accordance with the requirements listed under **Length of Time Defined by Development of Compressive Strength** in Subsection 907-804.03.17, the compressive strength/maturity relationship shall be developed for the mixture design for a minimum of 28 days following the requirements of Subsection 907-804.03.15. The compressive strength/maturity relationship information shall be submitted with the mixture design information.

Table 3
MASTER PROPORTION TABLE FOR STRUCTURAL CONCRETE DESIGN

Class	Coarse Aggregate Size No.*	Maximum Water/ Cementitious** Ratio	Specified Compressive Strength (f'_c) psi	Maximum Permitted Slump*** inches	Nominal Total Air Content**** %
AA*****	57 or 67	0.45**	4000	3***	4.5*****
B	57 or 67	0.50	3500	4	4.5
C	57 or 67	0.55	3000	4	4.5
D	57 or 67	0.70	2000	4	4.5
F	67	0.40	5000	3	*****
FX	67	(As per mixture design)	(As shown on plans)	3	*****
S	57 or 67	0.45	3000	8	4.5
DS	67	0.45	4000	***	*****

* Maximum size aggregate shall conform to the concrete mixture design for the specified aggregate. Other smaller coarse aggregate sizes meeting the requirements of Subsection 907-703.03.2.4 may also be used in conjunction with the coarse aggregate sizes listed. Lightweight aggregate (LWA) meeting the requirements of Subsection 907-703.19.2 may also be used as a partial replacement for fine aggregate.

** The replacement limits of portland cement by weight by other cementitious materials (such as fly ash, GGBFS, silica fume, or others) shall be in accordance with the values in Subsection 907-701.02. Other hydraulic cements may be used in accordance with the specifications listed in Section 701.

For Class AA concrete for concrete bridge decks, the water / cementitious ratio range shall be 0.43 – 0.45 and the maximum cementitious material content shall be 550 pounds per cubic yard. The “maximum cementitious material content” refers to the total weight of Portland cement, blended hydraulic cement, GGBFS, silica fume, and fly ash.

*** Unless otherwise specified, minus slump requirements shall meet those set forth in Table 3 of AASHTO Designation: M157.

For Class AA concrete for concrete bridge decks the maximum permitted slump may be increased to five (5) inches. Also, for each additional pound of fibers per cubic yard added in excess of the requirement in Note *****, an additional inch of slump will be allowed up to a maximum permitted slump of eight (8) inches.

For Class AA not used in bridge decks and all other Classes of concrete, the maximum permitted slump may be increased to eight (8) inches.

For Class DS concrete for drilled shafts the slump range shall be 8 inches $\pm$ 1 inch.

**** The tolerance on total air content shall be $\pm$ 1.5%. For Class AA concrete for concrete bridge decks, the nominal total air content may be increased to 6.5%.

***** For Class AA concrete for concrete bridge decks, an approved synthetic structural fiber meeting the requirements of Special Provision 907-711, Synthetic Structural Fiber Reinforcement, shall be incorporated into the mixture at 1.25 times the approved dosage rate.

***** Entrained air is not required except for concrete exposed to seawater. For concrete not exposed to seawater, the total air content shall not exceed 6.0%. For concrete exposed to seawater, the nominal total air content shall be 4.5%.

At least one water-reducing admixture or water-reducing/set-retarding admixture shall be used in all classes of concrete in accordance with the manufacturer's recommended dosage range. Admixtures providing a specific performance characteristic other than those of water reduction or set retardation may be used in accordance with the manufacturer's recommended dosage range. Mixture designs containing accelerating admixtures will not be approved. Any combinations of admixtures shall be approved by the Engineer before their use.

907-804.02.10.1--Proportioning of Portland Cement Concrete Mixture Design. Proportioning of portland cement concrete shall be based on an existing mixture of which the producer has field experience and documentation or based on a recently batched laboratory mixture tested according to the required specifications.

907-804.02.10.1.1--Proportioning on the Basis of Previous Field Experience of Trial Mixtures. Where a concrete production facility has a record, based on at least 10 consecutive strength tests from at least 10 different batches within the past 12 months from a mixture not previously used on Department projects, the standard deviation shall be calculated. The record of tests from which the standard deviation is calculated shall:

- a) Represent similar materials and conditions to those expected. Changes in materials and proportions within the test record shall not have been more closely restricted than those for the proposed work.
- b) Represent concrete produced to meet a specified strength.
- c) Consist of 10 consecutive tests, average of two cylinders per test, tested at 28 days.

The standard deviation, s , shall be calculated as:

$$s = \left[\sum (X_i - \bar{X})^2 \div (N - 1) \right]^{1/2}$$

where:

X_i = the strength result of an individual test

$\bar{X}$ = the average of individual tests in the series

N = number of tests in the series

When the concrete production facility does not have a record of tests for calculation of standard deviation, as required in the above formula, the requirements of Subsection 907-804.02.10.1.2 shall govern.

The required average compressive strength (f'_{cr}) used as the basis for selection of concrete proportions shall conform to the inequality listed below, while using a standard deviation, s , calculated as shown above.

$$\bar{X} \geq f'_{cr}$$

where:

$$f'_{cr} = f'_c + 1.43s$$

where:

f'_c = specified compressive strength of concrete, psi

f'_{cr} = required average compressive strength of concrete, psi

s = standard deviation, psi

1.43 represents the Lower Quality Index necessary to assure that 93% of compressive strength tests are above f'_c .

907-804.02.10.1.2--Proportioning on the Basis of Laboratory Trial Mixtures. When an acceptable record of field test results is not available, concrete proportions shall be established based on laboratory trial mixtures meeting the following restrictions:

- a) The combination of materials shall be those intended for use in the proposed work.
- b) Trial mixtures having proportions and consistencies suitable for the proposed work shall be made using the ACI 211.1 as a guide to proportion the mixture design.
- c) Trial mixtures shall be designed to produce a slump within $\pm 3/4$ inch of the maximum permitted, and for air-entrained concrete, ± 0.5 percent of the maximum total air content. The temperature of freshly mixed concrete in trial mixtures shall be reported.
- d) For each proposed mixture, at least three compressive test cylinders shall be made and cured in accordance with AASHTO Designation: R 39. Each change of water-cement ratio shall be considered a new mixture. The cylinders shall be tested for strength in accordance with AASHTO Designation: T 22 and shall be tested at 28 days.
- e) The required average strength of laboratory trial mixes shall exceed f'_c by 1200 psi for concrete mixture designs less than 5000 psi and by 1400 psi for concrete mixture designs of 5000 psi or more.

- f) The laboratory trial batch mixtures shall have been made within the previous 12 months before being submitted for approval and shall not have been previously used on Department projects.

907-804.02.10.2--Documentation of Average Strength. Documentation that the proposed concrete proportions will produce an average strength equal to or greater than the required average shall consist of the strength test records from field tests or results from laboratory trial mixtures.

907-804.02.10.3--Field Verification of Concrete Mixture Design. Concrete mixture designs will only be tentatively approved pending field verification. The requirements for yield, slump, or total air content shall be successfully met within the first three (3) production days. Mixture designs may be transferred to other projects without additional field verification testing, once the mixture design has passed the field verification process.

The Contractor's Certified Quality Control Technicians shall test each concrete mixture design upon the first placement of the mix. Aggregates and concrete tests during the first placement shall be as follows.

<u>Aggregates</u>	<u>Concrete</u>
Bulk Specific Gravity	Water Content
Moisture	Slump
Gradation	Air Content
	Unit Weight
	Yield

For all Classes of concrete, the mixture shall be verified to yield within 2.0% of the correct volume when all the mix water is added to the batch.

For all Classes of concrete other than DS, F, and FX, the mixture shall produce a slump within a minus 1½-inch tolerance of the maximum permitted for mixtures with a maximum permitted slump of three inches (3") or less or within a minus 2½-inch tolerance of the maximum permitted for mixtures with a maximum permitted slump of greater than three inches (3"), and producing a total air content within a minus 1½ percent tolerance of the maximum allowable air content in Table 3.

For Class DS, the slump shall be within the requirements in Note *** below Table 3. For Class DS exposed to seawater, the total air content shall be within a minus 1½ percent tolerance of the maximum allowable air content in Note ***** below Table 3. For Class DS not exposed to seawater the total air content shall be within the requirements in Note ***** below Table 3.

For Classes F and FX, the slump shall be within a minus 1½-inch tolerance of the maximum permitted for mixtures with a maximum permitted slump of three inches (3") or less or within a minus 2½-inch tolerance of the maximum permitted for mixtures with a maximum permitted slump of greater than three inches (3"). For Classes F and FX exposed to seawater, the total air content shall be within a minus 1½ percent tolerance of the maximum allowable air content in

Note ***** below Table 3. For Classes F and FX not exposed to seawater the total air content shall be within the requirements in Note ***** below Table 3.

The mixture shall be adjusted and retested, if necessary, on subsequent placements until the above mentioned properties are met.

If the requirements for yield, slump, or total air content are not met within the first three (3) production days, subsequent field verification testing shall not be permitted on Department projects, and the mixture design shall not be used until the requirements listed above are met. Any mixture design adjustments, changes in the mixture proportions, are to be made by a Class III Certified Technician representing the Contractor. After the mixture design has been verified and adjustments made, verification test results will be reviewed by the Engineer.

907-804.02.10.3.1--Slump Retention of Class DS Concrete Mixture Designs. Prior to concrete placement, the Contractor shall provide test results of a slump loss test using approved methods to demonstrate that the mixture meets the four hour requirement in Subsection 907-803.02.7.1. These tests shall be conducted successfully by an approved testing laboratory within 30 days prior to installation of the trial shaft, with personnel from the Materials Division present. The slump loss test shall be conducted at temperatures and conditions similar to those expected at the job site at the time of the installation of the trial shaft. The sample for the slump loss test shall be from a minimum batch size of four (4) cubic yards of concrete. If the time between the previous successful slump loss test and the installation of the trial shaft exceeds 30 days, another successful slump loss test shall be performed on the first truckload of concrete as part of the installation of the trial shaft. This requirement limiting the time between the previous slump loss test and an installation of the trial shaft also applies to Class DS concrete mixture designs being transferred from another project. During any shaft installation a slump loss test shall be conducted by the Contractor at the direction of the Engineer from the concrete at the site for verification of slump loss requirements using a sample from a minimum batch size of four cubic yards of concrete.

907-804.02.10.4--Adjustments of Mixtures. The mixture design may be adjusted by the Class III Certified Technician representing the Contractor in accordance with the allowable revisions listed in the Department's *Concrete Field Manual*, paragraph 5.7. Written notification shall be submitted to the Engineer a minimum of seven (7) days prior to any source or brand of material change, aggregate size change, allowable material type change, or decrease in any cementitious material content. Any adjustments of the concrete mixture design shall necessitate repeat of field verification procedure as described in Subsection 907-804.02.10.3 and approval by the Engineer.

907-804.02.11--Concrete Batch Plants. The concrete batch plant shall meet the requirements of the National Ready Mixed Concrete Association *Quality Control Manual, Section 3, Plant Certification Checklist* as outlined in the latest edition of the Department's *Concrete Field Manual*. The Contractor shall submit a copy of the approved checklist along with proof of calibration of batching equipment, i.e., scales, water meter, and admixture dispenser, to the Engineer 30 days prior to the production of concrete.

For projects with 1000 cubic yards and more, the concrete batch plant shall meet the requirements for an automatic system capable of recording batch weights. It shall also have automatic moisture

compensation for the fine aggregate. For projects of more than 200 but less than 1000 cubic yards the plant can be equipped for manual batching with a fine aggregate moisture meter visible to the plant operator.

The concrete batch plant shall have available adequate facilities to cool concrete during hot weather.

Mixer trucks to be used on the project are to be listed in the checklist and shall meet the requirements of the checklist.

907-804.02.12--Contractor's Quality Control. The Contractor shall provide and maintain a quality control program that will provide reasonable assurance that all materials and products submitted to the Department for acceptance will conform to the contract requirements, whether manufactured or processed by the Contractor or procured from suppliers, subcontractors, or vendors.

The Contractor's Quality Control program shall implement the minimum quality control requirements shown in Table 4, "CONTRACTOR'S MINIMUM REQUIREMENTS FOR QUALITY CONTROL". The quality control activities shown in the table are considered to be normal activities necessary to control the production and placing of a given product or material at an acceptable quality level. To facilitate the Department's activities, all completed gradation samples shall be retained for a maximum of sixty (60) days by the Contractor until further disposition is designated by the Department.

The Contractor shall perform, or have performed, the tests required to substantiate product conformance to contract document requirements and shall also perform, or have performed, all tests otherwise required.

The Contractor's Quality Control program shall encompass the requirements of AASHTO Designation: M 157 into concrete production and control, equipment requirements, testing, and batch ticket information. The requirement of AASHTO Designation: M 157, Section 11.7 shall be followed except, on arrival to the job site, a maximum of 1½ gallons per cubic yard shall be allowed to be added. Water shall not be added at a later time. Job site adjustment of a batch using chemical admixtures or the mechanical adjustment of a batch may be performed by the Contractor if the requirements of Subsection 907-804.02.12.1.1 have been satisfactorily addressed in the Quality Control Plan. If either the maximum permitted slump is exceeded or the total air content is not within the required range after all adjustments are made at the job site, the concrete shall be rejected.

The Contractor's quality control tests shall be documented and shall be available for review by the Engineer throughout the life of the contract.

As set out in these specifications, quality control sampling and testing performed by the Contractor will be used by the Department for determination of acceptability of the concrete.

The Contractor shall maintain standard equipment and qualified personnel as required to assure conformance to contract requirements.

907-804.02.12.1--Quality Control Plan. The Contractor shall prepare a Quality Control Plan which shall identify the personnel responsible for the Contractor's quality control including the company official who will act as liaison with Department personnel. The Quality Control Plan shall be submitted in writing to the Engineer for approval 30 days prior to the production of concrete.

The class(es) of concrete involved will be listed separately. If an existing mixture design(s) is to be used, the mixture design number(s) as previously approved shall be listed.

It is intended that sampling and testing be in accordance with standard methods and procedures, and that measuring and testing equipment be standard and properly calibrated. If alternative sampling methods and procedures, and inspection equipment are to be used, they shall be detailed in the Quality Control Plan.

907-804.02.12.1.1--Elements of Plan. The Plan shall address all elements that affect the quality of the structural concrete including, but not limited to, the following items:

- 1) Stockpile Management
- 2) Procedures for Corrective Actions for Non Compliance of Specifications
- 3) Procedure for Controlling Concrete Temperatures
- 4) Job Site Batch Adjustments by Addition of Chemical Admixtures:

The Plan shall address if the Contractor intends to adjust either the slump and/or total air content of a batch on the job site by adding chemical admixture(s) to a batch. The Contractor shall include the names of the personnel designated to perform this batch adjustment, the equipment used to add the chemical admixture(s), and the procedure by which the batch adjustment will be accomplished. Only the Contractor's designated personnel shall adjust a batch. Only calibrated dispensing equipment shall be used to add chemical admixture(s) to a batch. Only the procedure described in this section of the Plan shall be utilized.

If either the maximum permitted slump is exceeded or the total air content is not within the required range after all adjustments are made at the job site, the concrete shall be rejected.

If the Contractor elects to utilize Job Site Batch Adjustments by Addition of Chemical Admixture within Item 2, Procedures for Corrective Actions for Non Compliance of Specifications, to adjust batches which do not meet the minimum specification requirements for slump and/or total air content, no more than three batches on any one project shall be allowed to be adjusted regardless of the number of mixtures associated with the project.

- 5) Construction of Concrete Bridge Decks, including the following:

- the description of the equipment used for placing concrete on the bridge deck in accordance with Subsection 907-804.03.6 and, as applicable, Subsections 907-804.03.7 and 907-804.03.8 including any accessories added to the pump to ensure the entrained air in the concrete mixture remains entrained during pumping and depositing of the concrete mixture,
- the description of and the number of pieces of equipment used to consolidate the concrete in accordance with Subsection 907-804.03.6.2,
- the description of the equipment used to finish the bridge deck in accordance with Subsection 907-804.03.19.7,
- the plan for ensuring a continuous rate of finishing the bridge deck without delaying the application of curing materials within the time specified in Subsection 907-804.03.17, including ensuring a continuous supply of concrete throughout the placement with an adequate quantity of concrete to complete the deck and filling diaphragms and end walls in advance of deck placement,
- the plan for applying the curing materials within the time specified in Subsection 907-804.03.17,
- the description of the powered fogging equipment in accordance with Subsection 907-804.03.17,
- a sample of the documentation used as the daily inspection report for ensuring maintenance of the continuous wet curing in accordance with Subsection 907-804.03.17, as required,
- the description of the equipment used to apply the liquid membrane, including but not limited to, the nozzles, pumping/pressurization equipment, and liquid membrane tanks, in accordance with Subsection 907-804.03.17,
- the method for determining the rate of applied liquid membrane meets the application rate requirements in accordance with Subsection 907-804.03.17,
- a sample of the documentation used for the application rate verification of the liquid membrane in accordance with Subsection 907-804.03.17.

6) Mechanical Adjustment of Trucks

907-804.02.12.2--Personnel Requirements. The Contractor's Designated Certified Technician shall perform and use quality control tests and other quality control practices to assure that delivered materials and proportioning meet the requirements of the mixture design including temperature, slump, air content, and strength and shall periodically inspect all equipment used in transporting, proportioning, and mixing.

The Contractor's Designated Technician shall periodically inspect all equipment used placing, consolidating, finishing, and curing to assure it is operating properly and that placement, consolidation, finishing, and curing conform to the mixture design and other contract requirements.

907-804.02.12.3--Documentation. The Contractor shall maintain adequate records of all inspections and tests. The records shall indicate the nature and number of observations made, the number and type of deficiencies found, date and time of samples taken, the quantities approved and rejected, and the nature of corrective action taken as appropriate. The Contractor's

documentation procedures will be subject to approval of the Department prior to the start of the work and to compliance checks during the progress of the work.

All conforming and non-conforming results shall be kept complete and shall be available at all times to the Department during the performance of the work. Forms shall be on a computer-acceptable medium. Batch tickets and gradation data shall be documented in accordance with Department requirements.

Batch tickets shall contain all the information in AASHTO Designation: M157, Section 16 including the additional information in Subsection 16.2 with the following exception: the information listed in paragraphs 16.2.7 and 16.2.8 is not required. All material added to a batch by both the batch plant or added manually shall be documented on the ticket. Batch tickets shall also contain the concrete producer's permanent unique mixture number assigned to the concrete mixture design. Copies shall be submitted to the Department as the work progresses.

Test data for portland cement concrete, including gradation, shall be charted in accordance with the applicable requirements.

The Contractor may use additional control charts as deemed appropriate. It is normally expected that testing and charting will be completed within 24 hours after sampling.

All records documenting the Contractor's quality control tests shall become the property of the Department upon completion of the work.

907-804.02.12.4--Corrective Action. The Contractor shall take prompt action to correct conditions that have resulted, or could result, in the submission to the Department of materials and products that do not conform to the requirements of the contract documents. All corrective actions shall be documented.

907-804.02.12.5--Non-Conforming Materials. The Contractor shall establish and maintain an effective and positive system for controlling non-conforming material, including procedures for its identification, isolation and disposition. Reclaiming or reworking of non-conforming materials shall be in accordance with procedures acceptable to the Department.

All non-conforming materials and products shall be positively identified to prevent use, shipment, and intermingling with conforming materials and products. Holding areas, mutually agreeable to the Department and the Contractor, shall be provided by the Contractor.

TABLE 4
CONTRACTOR'S MINIMUM REQUIREMENTS FOR QUALITY CONTROL

Portland Cement Concrete		
Control Requirement	Frequency	AASHTO/ASTM Designation
A. PLANT AND TRUCKS 1. Mixer Blades 2. Scales a. Tared b. Calibrate c. Check Calibration 3. Gauges & Meters - Plant & Truck a. Calibrate b. Check Calibration 4. Admixture Dispenser a. Calibrate b. Check Operation & Calibration	Monthly Daily Every 6 months Weekly Every 6 months Weekly Every 6 months Daily	
B. AGGREGATES 1. Sampling 2. Fine Aggregate a. Gradation / FM b. Moisture c. Specific Gravity / Absorption 3. Coarse Aggregates a. Gradation b. Moisture c. Specific Gravity / Absorption	250 yd ³ concrete Check meter against test results weekly 2500 yd ³ concrete 250 yd ³ concrete Minimum of once daily or more as needed to control production. Check meter against test results weekly. 2500 yd ³ Concrete	T 2 T 27 T 255 T 84 T 27 T 255 T 85
C. PLASTIC CONCRETE 1. Sampling 2. Air Content 3. Slump 4. Compressive Strength 5. Yield 6. Temperature	First load then one per 50 yd ³ First load then one per 50 yd ³ A minimum of one set (three cylinders) for each 100 yd ³ inclusive and one set for each additional 100 yd ³ or fraction thereof for each class concrete delivered and placed on a calendar day from a single supplier. A test shall be the average of three cylinders. Each 400 yd ³ With each sample	T 141 T 152 or T 196 T 119 T 22, T 23, T 231 T 121 C 1064

907-804.02.13--Quality Assurance Sampling and Testing. Quality Assurance (QA) inspection and testing will be provided by the Department to assure that the Contractor's Quality Control (QC) testing meets the requirements of these specifications.

Acceptance of the material is based on the inspection of the construction, monitoring of the Contractor's QC program, QC and QA test results per Subsection 907-804.02.13.1, and the comparison of the QA test results with the QC test results. The Department may use the results of the Contractor's QC tests as a part of the acceptance procedures instead of the results of QA tests, provided:

- a) The Department's inspection and monitoring activities indicate that the Contractor is following the approved QC program and, respectively,
- b) For aggregates, the results from the Contractor's QC and the Department's QA testing of aggregate gradations compare by both meeting the aggregate type's gradation requirements;
- c) For concrete, the Contractor's QC and Department's QA testing of concrete compressive strengths compare when using the data comparison computer program with an alpha value of 0.01 for projects with 1000 cubic yards and more; or, strength comparisons are within 990 psi for projects of more than 200 but less than 1000 cubic yards.

The minimum frequency for QA testing of aggregate and plastic concrete by the Department will follow the frequencies listed in Table 5, "DEPARTMENT'S MINIMUM REQUIREMENTS FOR QUALITY ASSURANCE".

TABLE 5
DEPARTMENT'S MINIMUM REQUIREMENTS FOR QUALITY ASSURANCE

Quality Assurance Tests	Frequency	AASHTO/ASTM Designation
A. AGGREGATES		
1. Sampling		T 2
2. Fine Aggregate Gradation and FM	250 yd ³ concrete	T 27
3. Coarse Aggregates Gradation	250 yd ³ concrete	T 27
B. PLASTIC CONCRETE		
1. Sampling		T 141
2. Air Content	Every 100 yd ³	T 152 or T 196
3. Slump	Every 100 yd ³	T 119
4. Compressive Strength	One set (three cylinders) for every 100 yd ³ inclusive. A test shall be the average of three cylinders.	T 22, T 23, T 231
5. Temperature	With each sample	C 1064

Periodic inspection by the Department of the Contractor's QC testing and production will continue through the duration of the project. Weekly reviews will be made of the Contractor's QC records and charts.

For aggregates, comparison of data of the Contractor's QC aggregate gradation test results to those of the Department's QA aggregate gradation test results will be made monthly during concrete

production periods according to Department Standard Operating Procedures. When it is determined that the Contractor's QC test results of aggregate gradations are comparative to that of the Department's QA test results, then the Department will use the Contractor's QC results as a basis for acceptance of the aggregates and the Department's QA testing frequency of aggregates may be reduced to a frequency of no less than three QA tests to every 10 QC tests. If the Contractor's QC aggregate gradation test results fail to compare to those of the Department's QA aggregate gradation test results, Department testing for aggregate gradations will revert to the frequency shown in Table 5 for aggregates until the Contractor's and Department's aggregate gradation test data compare.

For concrete compressive strength, comparison of data of the Contractor's QC compressive strength test results to those of the Department's QA compressive strength test results will be made monthly during concrete production periods according to Department's *Concrete Field Manual*. When it is determined that the Contractor's QC test results of concrete compressive strengths are comparative to that of the Department's QA test results, then the Department will use the Contractor's QC results as a basis for acceptance of the concrete and the Department's QA testing frequency of concrete compressive strengths may be reduced to a frequency of no less than three QA tests to every 10 QC tests. If the Contractor's QC compressive strength test results fail to compare to those of the Department's QA compressive strength test results, Department testing will revert to the frequency shown in Table 5 for plastic concrete until the Contractor's and Department's compressive strength test data compare.

907-804.02.13.1--Job Control Testing.

907-804.02.13.1.1--Sampling. Sampling of concrete mixture shall be performed in accordance with the latest edition of the Department's *Concrete Field Manual*.

907-804.02.13.1.2--Slump. Slump of plastic concrete shall meet the requirements of Table 3: MASTER PROPORTION TABLE FOR STRUCTURAL CONCRETE DESIGN. A check test shall be made on another portion of the sample before rejection of any load.

907-804.02.13.1.3--Air. Total air content of concrete shall be within the specified range for the class of concrete listed in Table 3: MASTER PROPORTION TABLE FOR STRUCTURAL CONCRETE DESIGN. A check test shall be made on another portion of the sample before rejection of any load.

907-804.02.13.1.4--Yield. If the yield of the concrete mix design is more than plus or minus three percent ($\pm 3\%$) of the designed volume, the mix shall be adjusted by a Class III Certified Technician representing the Contractor to yield the correct volume plus or minus three percent ($\pm 3\%$). If batching of the proportions of the mixture design varies outside the batching tolerance range of the originally approved proportions by more than the tolerances allowed in Subsection 907-804.02.12, the new proportions shall be field verified per Subsection 907-804.02.10.3.

907-804.02.13.1.5--Temperature. Cold weather concreting shall follow the requirements of Subsection 907-804.03.16.1. Hot weather concreting shall follow the requirements of Subsection

907-804.03.16.2. Concrete with a temperature more than the maximum allowable temperature shall be rejected and not used in Department work.

The maximum acceptance temperature for Class DS concrete mixtures is 95°F.

The maximum acceptance temperature of Class C concrete mixtures is 100°F for mixtures meeting the cement replacement requirements of Subsection 907-701.02.2. For Class C concrete mixtures that do not meet the cement replacement requirements of Subsection 907-701.02.2, the maximum acceptance temperature is 95°F.

The maximum acceptance temperature for all other concrete mixtures meeting the cement replacement requirements of Subsection 907-701.02.2 is 95°F. The maximum acceptance temperature for all other concrete mixtures which do not meet the cement replacement requirements of Subsection 907-701.02.2 is 90°F.

907-804.02.13.1.6--Compressive Strength. Standard cured concrete compressive strength tests shall conform to the specified strength (f'_c) listed in the specifications. Concrete represented by compressive strength test below the specified strength (f'_c) may be removed and replaced by the Contractor. If the Contractor elects not to remove the material, it will be evaluated by the Department as to the adequacy for the use intended. All concrete evaluated as unsatisfactory for the intended use shall be removed and replaced by the Contractor at no additional cost to the Department. For concrete allowed to remain in place, reduction in payment will be as follows:

Projects with 1000 Cubic Yards and More. When the evaluation indicates that the work may remain in place, a statistical analysis will be made of the QC and QA concrete test results. If this statistical analysis indicates at least 93% of the material would be expected to have a compressive strength equal to or greater than the specified strength (f'_c) and 99.87% of the material would be expected to have a compressive strength at least one standard deviation above the allowable design stress (f_c), the work will be accepted. If the statistical analysis indicates that either of the two criteria are not met, the Engineer will provide for an adjustment in pay as follows for the material represented by the test result.

Total Pay on Material in Question = Unit Price - (Unit Price x % Reduction)

$$\% \text{ Reduction} = \frac{(f'_c - X)}{f'_c - (f_c + s)} \times 100 \times M$$

where:

f'_c = Specified 28-day compressive strength, psi

X = Individual compressive strength below f'_c , psi

s = standard deviation, psi*

f_c = allowable design stress, psi

M = pay reduction multiplier, per the *Concrete Field Manual*, paragraph 7.3

- * Standard deviation used in the above reduction of pay formula shall be calculated from the applicable preceding compressive strengths test results plus the individual compressive strength below f'_c . If below f'_c strengths occur during the project's first ten compressive strength tests, the standard deviation shall be calculated from the first ten compressive strength tests results.

Projects of More Than 200 but Less Than 1000 Cubic Yards. When the evaluation indicates that the work may remain in place, a percent reduction in pay will be assessed based on a comparison of the deficient 28-day test result to the specified strength. The Engineer will provide for an adjustment in pay as follows for the material represented by the test result.

Total Pay on Material in Question = Unit Price - (Unit Price x % Reduction)

$$\% \text{ Reduction} = \frac{(f'_c - X)}{f'_c} \times 100 \times M$$

where:

f'_c = Specified 28-day compressive strength, psi

X = Individual compressive strength below f'_c , psi

M = pay reduction multiplier, per the *Concrete Field Manual*, paragraph 7.3

907-804.02.14--Dispute Resolution. Disputes over variations between Contractor's QC test results and the Department's QA test results shall be resolved at the lowest possible level using the latest edition of the Department's *Concrete Field Manual*. When there are significant discrepancies between the QC test results and the QA test results, the Contractor's QC Manager, the Project Engineer, and/or the District Materials Engineer shall look for differences in the procedures, and correct the inappropriate procedure before requesting a third party resolution.

If the dispute cannot be resolved at the project or District level, the Department's Materials Division will serve as a third party to resolve the dispute. The Materials Division's decision shall be binding.

The Contractor shall be responsible for the cost associated with the third party resolution if the final decision is such that the Department's QA test results were correct. Likewise, the Department will be responsible for the cost when the final decision is such that the Contractor's QC test results were correct.

907-804.03--Construction Requirements.

907-804.03.1--Measurement of Materials.

907-804.03.1.1--General. The accuracy for measuring materials shall be in accordance with AASHTO Designation: M 157.

907-804.03.1.2--Measurement by Weighing. Except when otherwise specified or authorized, the materials shall be measured by weighing. The apparatus provided for weighing materials shall be

suitably designed and constructed for this purpose. Cementitious materials and aggregates shall be weighed separately. Cement in standard bags need not be weighed, but bulk cement and other cementitious materials shall be weighed. The mixing water shall be measured by volume or by weight. All measuring devices shall be subject to approval.

907-804.03.2--Blank.

907-804.03.3--Blank.

907-804.03.4--Hand Mixing. Hand mixing of concrete will not be allowed.

907-804.03.5--Delivery. The plant supplying concrete shall have sufficient capacity and transporting apparatus to ensure continuous delivery at the rate required. The rate of delivery shall be such as to provide for the proper continuity in handling, placing, and furnishing of the concrete. The rate shall be such that the interval between batches shall not exceed 20 minutes. The methods of delivering and handling the concrete shall be that which will facilitate placing with minimum re-handling and without damage to the structure or the concrete.

907-804.03.6--Handling and Placing Concrete.

907-804.03.6.1--General. Prior to placing concrete, all reinforcement shall have been accurately placed in the position shown on the plans and fastened as set out in Section 805. All sawdust, chips, and other construction debris and extraneous matter shall have been removed from the interior of the forms. Temporary struts, braces, and stays holding the forms in correct shape and alignment shall be removed when the concrete placing has reached an elevation rendering their service unnecessary. These temporary members shall be entirely removed from the forms and shall not be buried in the concrete.

No concrete shall be placed until the forms and reinforcement have been inspected.

Except as provided for truck mixers and truck agitators, concrete shall be placed in the forms within 30 minutes after the time that the cement is first added to the mixture.

Concrete shall be placed so as to avoid segregation of materials and displacement of reinforcement. The use of troughs, chutes, and pipes over 25 feet in length for gravity conveyance of concrete to the forms, will not be permitted except when authorized by the Engineer and subject to the production of quality concrete.

Only approved mechanical conveyors will be permitted.

Open troughs and chutes shall be metal or metal lined. The use of aluminum pipes, chutes, or other devices made of aluminum that come into direct contact with the concrete shall not be used. Where steep slopes are required, the chutes shall be equipped with baffles or be in short sections that change the direction of movement.

All chutes, troughs, and pipes shall be kept clean and free from coatings of hardened concrete by thoroughly flushing with water after each run. Water used for flushing shall be discharged clear of the structure.

When placing operations involve dropping the concrete more than five feet, it shall be deposited through sheet metal or other approved pipes to prevent segregation and unnecessary splashing. The pipes shall be made in sections to permit discharging and raising as the placement progresses. A non-jointed pipe may be used if sufficient openings of the proper size are provided to allow for the flow of the concrete into the shaft. As far as practicable, the pipes shall be kept full of concrete during placing, and their ends shall be kept buried in the newly placed concrete.

Except as herein provided, concrete shall be placed in horizontal layers not more than 12 inches thick. When, with the Engineer's approval, less than the complete length of a layer is placed in one operation, it shall be terminated in a vertical bulkhead. Each layer shall be placed and compacted before the preceding layer has taken its initial set and shall be compacted so as to avoid the formation of a construction joint with the preceding layer.

If the Department determines that there is an excessive number of projections, swells, ridges, depressions, waves, voids, holes, honeycombs, or other defects in the completed structure, removal of the entire structure may be required as set out in Subsection 105.12.

907-804.03.6.2--Consolidation. Immediately after depositing the concrete mixture, the concrete mixture shall be thoroughly consolidated by the use of approved mechanical vibrators and suitable spading tools. Only concrete mixture which has not achieved initial set shall be consolidated. Hand spading alone will be permitted on small structural members such as railing, small culvert headwalls, and as necessary to ensure smooth surfaces and dense concrete along form surfaces, in corners, and in locations impossible to reach with vibrators. When hand spading is used for consolidation, a sufficient number of workmen with spading tools shall be provided. For hand spading, flush a thin layer of mortar to all the surfaces and thoroughly and satisfactorily consolidate the concrete.

The Contractor shall conduct operations of depositing and consolidating the concrete mixture such that the operation produces concrete which is uniformly smooth and dense, having no honeycombing or pockets of segregated aggregate.

Movement of personnel through the consolidated concrete shall not be permitted. If it is determined it is necessary to step into previously consolidated concrete, the concrete in the stepped into area shall be consolidated again.

907-804.03.6.2.1--Requirements for Vibrators. Mechanical vibrators shall be subject to the following:

1. To verify compliance with these requirements, the Contractor shall provide the Engineer with a copy of the manufacturer's specifications for each type and brand of vibrator used on the project.

2. The Contractor shall provide a sufficient number of personnel with vibrators to properly consolidate each batch immediately after the concrete is placed in the forms. The Contractor shall provide at least one stand-by vibrator and required power source.
3. Concrete having been consolidated shall not be walked in or through. If it is determined it is necessary to step into previously consolidated concrete, the concrete in the stepped into area shall be consolidated again.
4. Internal vibrators shall be of the spud or tube type, meeting the following characteristics and performance:
 - a. The diameter of the head of the vibrator shall be 1¼ to 2½ inches.
 - b. The frequency of vibration shall be 8000 to 12000 vibrations per minute (Hz) while operating in the concrete.
 - c. The average amplitude shall be 0.025 to 0.05 inch while operating in air.
 - d. The minimum radius of influence shall be seven (7) inches.
 - e. The length of the vibrator head shall be nearly equal to the depth of the layer of concrete placed.
5. When the reinforcing steel is coated with epoxy, internal vibrators with heads of rubber or other resilient material shall be used. Rubber covers securely fastened over steel heads shall be acceptable.
6. For consolidation of concrete used in concrete bridge decks, the following additional requirements shall apply:
 - a. Only internal vibration shall be used.
 - b. Internal vibrators shall all be of the same type and size.
 - c. The configuration of the internal vibrators shall meet the requirements of Subsection 907-804.03.6.2.3.

907-804.03.6.2.2--Operation of Internal Vibration. Mechanical vibrators used for internal vibration shall be operated as follows:

1. Vibrators shall not be dragged or moved laterally through the concrete to transport concrete. Vibrators shall not be used in such a manner that the concrete segregates or forms pockets of grout. Vibrators shall not be applied directly or through the reinforcement to sections or layers of concrete which have taken initial set.
2. Vibrators shall only be inserted into the concrete while operating and at the point of placement to consolidate the concrete for such a length of time that there is a general cessation in the escape of large entrapped air bubbles at the surface.
3. Vibrators shall be inserted slowly into the concrete and allowed to penetrate into the concrete under their own weight.
4. Vibrators shall be inserted into the concrete while they are in a vertical position with enough flexibility to work themselves around the reinforcing steel.
5. The head of the vibrator shall be completely submerged in the concrete for a time of consolidation between 3 and 15 seconds prior to removal, unless otherwise defined by the Engineer.
6. For consolidation of two or more layers of concrete, the vibrator shall be inserted into the bottom most layer at least six (6) inches. The vibrator shall be manipulated in a series of up-and-down motions to knit the layers together.

7. Vibrators shall be removed slowly from the concrete after the consolidation has been accomplished. However, once the head of the vibrator has become only partially immersed in the concrete, vibrators shall be removed rapidly.
8. The insertions of the vibrators shall be systematically spaced such that the entire surface of the concrete comes under the influence of the vibrator during consolidation. This includes areas around the reinforcing steel, imbedded fixtures, the corners and angles of forms, and any irregular areas. The distance between insertions shall not exceed 1.5 times the radius of influence such that the area visibly affected by the vibrator overlaps the adjacent, just-vibrated area.
9. For additional information, refer to ACI 309-07, Chapter 7, Sections 7.1 through 7.3

907-804.03.6.2.3--Method of Consolidation. It is anticipated the Contractor will accomplish consolidation by internal vibration using one of the following two methods: vibrators mounted on a mechanical device or an orchestrated effort utilizing personnel. Regardless of the chosen method, the method shall be included in the QCP in accordance with Subsection 907-804.02.12.1.1.5 and shall only receive tentative approval until the method is demonstrated as effectively meeting the requirements of Subsection 907-804.03.6.2.

907-804.03.6.3--Discontinuance of Placing. When placing is temporarily discontinued, the concrete, after becoming firm enough to retain its form, shall be cleaned of laitance and other objectionable material to a sufficient depth to expose sound concrete. To avoid visible joints insofar as possible upon exposed faces, the top surface of the concrete adjacent to the forms shall be smoothed with a trowel. Where a "feather edge" might be produced at a construction joint, such as in the sloped top surface of a wing wall, an inset form work shall be used in the preceding layer to produce a blocked out portion that will provide an edge thickness of at least six inches (6") in the succeeding layer. Work shall not be discontinued within 18 inches of the top of any face unless provision has been made for a coping less than 18 inches thick. In this case and if permitted by the Engineer, the construction joint may be made at the underside of the coping.

Immediately following the discontinuance of placing concrete, all accumulations of mortar splashed on the reinforcement and the surface of forms shall be removed. Dried mortar chips and dust shall not be puddled into the unset concrete. If the accumulations are not removed prior to the concrete becoming set, care shall be exercised not to break or injure the concrete-steel bond at and near the surface of the concrete while cleaning the reinforcement. After initial set the forms shall not be jarred, and no strain shall be placed on the ends of projecting reinforcement until the concrete has sufficiently set to ensure against any damage by such jarring or strain.

907-804.03.6.4--Placing Bridge Concrete. The method and sequence of placing concrete shall conform to the provisions and requirements set forth for the particular type of construction.

907-804.03.6.4.1--Foundations and Substructures. Concrete seals shall be placed in accordance with Subsection 907-804.03.9. All other concrete for foundations shall be poured in the dry unless otherwise stipulated or authorization is given in writing by the Engineer to do otherwise. Concrete shall not be placed in foundations until the foundation area has been inspected and approved.

Unless otherwise specified, the placement of concrete in the substructure shall be in accordance with the general requirements of Subsection 907-804.03.6.

Unless otherwise directed, concrete in columns shall be placed in one continuous operation, and shall be allowed to set at least 12 hours before the caps are placed.

907-804.03.6.4.2--Superstructure. For simple spans, concrete shall preferably be deposited by beginning at the center of the span and working toward the ends. For continuous spans, concrete shall be deposited as shown on the plans. Concrete in girders shall be uniformly deposited for the full length of the girder and brought up evenly in horizontal layers. Concrete in areas below the bridge deck but being deposited at the same time as concrete for the bridge deck, like a diaphragm, shall be placed and consolidated sufficiently ahead of placing the concrete for the bridge deck such that the placing, consolidating, finishing, and curing of concrete for the bridge deck shall not be impeded or slowed.

Unless otherwise permitted by the Engineer, concrete shall not be placed in the superstructure until the column forms have been stripped sufficiently to determine the character of the concrete in the columns. Unless otherwise permitted by the Engineer, the load of the superstructure shall not be placed on pile bents until the caps have been in place at least seven (7) days and shall not be placed on other types of bents until the bents have been in place at least 14 days.

In placing concrete around steel shapes, it shall be placed on one side of the shape until it flushes up over the bottom flange of the shape on the opposite side, after which it shall be placed on both sides to completion.

Concrete in girder haunches less than three feet (3') in height shall be placed at the same time as that in the girder stem. Whenever a haunch or fillet has a height of three feet (3') or more at the abutment or columns, the haunch and the girder shall be poured in three successive stages: first, up to the lower side of the haunch; second, to the lower side of the girder; and third, to completion.

Except when intermediate construction joints are specified, concrete in slab, T-beam, or deck-girder spans shall be placed in one continuous operation for each span.

The floors and girders of through-girder superstructures shall be placed in one continuous operation unless otherwise specified, in which case special shear anchorage shall be provided to ensure monolithic action between girder and floor.

Concrete in box girders shall be placed as shown on the plans.

Concrete shall not be chuted directly into the forms of the span and shall be placed continuously with sufficient speed to be monolithic and to allow for finishing before initial set.

907-804.03.6.4.3--Bridge Deck. When using the Transverse Method in accordance with Subsection 907-804.03.19.7.3, the period of time between concrete placement and completion of the final curing shall be kept to a minimum, as directed by the Engineer.

907-804.03.7--Pneumatic Placing. Pneumatic placing of concrete will be permitted only if specified in the contract or if authorized by the Engineer. The equipment shall be so arranged that no vibrations result which might damage freshly placed concrete.

Where concrete is conveyed and placed by pneumatic means the equipment shall be suitable in kind and adequate in capacity for the work. The machine shall be located as close as practicable to the place of deposit. The position of the discharge end of the line shall not be more than 10 feet from the point of deposit. The discharge lines shall be horizontal or inclined upwards from the machine. At the conclusion of placement the entire equipment shall be thoroughly cleaned.

907-804.03.8--Pumping Concrete. Placement of concrete by pumping will be permitted only if specified in the contract or if authorized in writing by the Engineer. If used, the equipment shall be arranged so that no vibrations result which might damage freshly placed concrete.

Where concrete mixture is conveyed and placed by mechanically applied pressure (pumping), the equipment shall be suitable in kind and adequate in capacity for the work. The Contractor shall select concrete mixture proportions such that the concrete mixture is pumpable and placeable with the selected equipment.

The pumping equipment shall be thoroughly cleaned prior to concrete placement. Excess form release agent shall be removed from the concrete pump hopper. The Contractor shall prime the pump at no additional cost to the Department by pumping and discarding enough concrete mixture to produce a uniform mixture exiting the pump. At least 0.25 cubic yard of concrete mixture shall be pumped and discarded to prime the pump. Only concrete mixture shall be added directly into the concrete pump hopper after placement has commenced. If anything other than concrete mixture is added to the concrete pump hopper, all concrete mixture in the concrete pump hopper and pump line shall be discarded and the pump re-primed at no additional cost to the Department.

The discharge end of the pump shall be of such a configuration that the concrete does not move in the pump line under its own weight. The intent of this requirement is to ensure that entrained air in the concrete mixture remains entrained during pumping and depositing the concrete mixture. This shall be accomplished with one or both of the following:

- a minimum 10-foot flexible hose attached to the discharge end of a steel reducer having a minimum length of three (3) feet and a minimum reduction in area of 20% which is attached to the discharge end of the pump line, or
- a flexible reducing hose to the discharge end of the pump line with a minimum reduction in area of 20% over a minimum 10-foot hose length.

Regardless of the configuration chosen, the Contractor shall ensure that the concrete is pumped and does not free-fall more than five (5) feet within the entire length of pump line and after discharge from the end of pump line.

The Contractor shall not have any type of metal elbow, metal pipe, or other metal fitting within five (5) feet of any person during discharge of concrete mixture.

Boom pumps shall have a current Concrete Pump Manufacturers Association's ASME/ANSI B30.27 certification. Equipment added to the boom and pump line shall meet the pump manufacturer's specifications and shall not exceed the manufacturer's maximum recommended weight limit for equipment added to the boom and pump line.

The operation of the pump shall be such that a continuous stream of concrete without air pockets is produced. When pumping is completed, the concrete remaining in the pipe line, if it is to be used, shall be ejected in such a manner that there will be no contamination of the concrete or separation of the ingredients. After this operation, the entire equipment shall be thoroughly cleaned.

The use of aluminum pipe as a conveyance for the concrete will not be permitted.

907-804.03.9--Depositing Concrete Under Water. Concrete shall not be deposited in water except with the approval of the Engineer.

Concrete deposited under water shall be Class S.

Concrete deposited under water shall be carefully placed in a compact mass in its final position by means of a tremie, a bottom dump bucket, or other approved method and shall not be disturbed after being deposited. Special care shall be exercised to maintain still water at the point of deposit. No concrete shall be placed in running water and all form work designed to retain concrete under water shall be water-tight. The consistency of the concrete shall be carefully regulated, and special care shall be exercised to prevent segregation of materials.

Concrete seals shall be placed continuously from start to finish, and the surface of the concrete shall be kept as nearly horizontal as practicable at all times. To ensure thorough bonding, each succeeding layer of a seal shall be placed before the preceding layer has taken initial set.

When a tremie is used, it shall consist of a tube having a diameter of at least 10 inches and constructed in sections having flanged couplings fitted with gaskets. The means of supporting the tremie shall be such as to permit the free movement of the discharge over the entire top surface of the work and to permit it to be lowered rapidly when necessary to choke off or retard the flow of concrete. The discharge end shall be closed at the start of the work so as to prevent water entering the tube and shall be entirely sealed. The tremie tube shall be kept full to the bottom of the hopper. When a batch is dumped into the hopper, the flow of concrete shall be induced by slightly raising the discharge end, always keeping it in the deposited concrete. The flow is then stopped by lowering the tremie. The flow shall be continuous until the work is completed.

Depositing of concrete by the drop bottom bucket method shall conform to the following: The top of the bucket shall be open. The bottom doors shall open freely downward and outward when tripped. The bucket shall be completely filled and slowly lowered to avoid backwash. It shall not be dumped until it rests on the surface upon which the concrete is to be deposited and when discharged shall be withdrawn slowly until well above the concrete.

Dewatering may proceed when the concrete seal is sufficiently hard and strong. As a general rule, this time will be 48 hours for concrete made with high-early-strength cement and three days for concrete made with other types of cement. All laitance and other unsatisfactory material shall be removed from the exposed surface by scraping, chipping, or other means which will not injure the surface of the concrete.

907-804.03.10--Construction Joints.

907-804.03.10.1--General. Unless otherwise approved by the Engineer, construction joints shall be made only where located on the plans or shown in the pouring schedule. If not detailed on the plans, or in the case of emergency, construction joints shall be placed as directed by the Engineer. Shear keys or inclined reinforcement shall be used where necessary to transmit shear or to bond the two sections together.

For continuous spans, bridge deck concrete shall be deposited as shown on the plans. Deviation from the pouring schedule shown in the plans is not permitted.

907-804.03.10.2--Bonding. Before depositing new concrete on or against concrete which has hardened, the forms shall be retightened. The surface of the hardened concrete shall be roughened as required by the Engineer and in a manner that will not leave loosened particles of aggregate or damaged concrete at the surface. It shall be thoroughly cleaned of foreign matter and laitance and saturated with water. When directed by the Engineer, the cleaned and saturated surfaces, including vertical and inclined surfaces, shall first be thoroughly covered with a coating of mortar or neat cement grout against which the new concrete shall be placed before the grout has attained its initial set.

The placing of concrete shall be carried continuously from joint to joint. The face edges of all joints which are exposed to view shall be carefully finished, true to line and elevation.

In order to bond successive courses suitable depressed or raised keys of the designated size shall be constructed. Raised keys shall be monolithic with the concrete of the lower course.

907-804.03.11--Concrete Exposed to Seawater. Unless otherwise specifically provided, concrete for structures exposed to seawater shall be Class AA concrete as referenced in Subsection 907-804.02.10. The clear distance from the face of the concrete to the nearest face of reinforcing steel shall be at least four inches. The mixing time and the water content shall be carefully controlled and regulated so as to produce concrete of maximum impermeability. The concrete shall be thoroughly compacted, and stone pockets shall be avoided. No construction joints shall be formed between the levels of extreme low water and extreme high water as determined by the Engineer. Between these levels, seawater shall not come in direct contact with the new concrete until at least 30 days have elapsed. The surface concrete as left by the forms shall be left undisturbed.

907-804.03.12--Blank.

907-804.03.13--Falsework. The Contractor shall submit to the Engineer four copies of structural design analysis and detail drawings, which show the method of falsework or centering. These designs and detail plans shall be prepared and bear the seal of a Registered Professional Engineer with experience in falsework design.

Falsework plans shall include falsework elevations together with all other dimensions and details which is considered necessary for the construction. Other pertinent data needed is size and spacing of all falsework members and minimum bearing requirements for false piles.

Upon completion of falsework erection, the Registered Professional Engineer shall certify that the erected falsework is capable of supporting the load for construction.

Falsework piling shall be spaced and driven so that the bearing value of each pile is sufficient to support the load that will be imposed upon it. The bearing value of the piles should be calculated according to the appropriate formula given in Section 803.

For designing falsework and centering, a weight of 150 pounds per cubic foot shall be assumed for green concrete. All falsework shall be designed and constructed to provide the necessary rigidity and to support the loads without appreciable settlement or deformation. The Contractor may be required to employ screw jacks or hardwood wedges to take up slight settlement in the falsework either before or during the placing of concrete. An allowance shall be made for anticipated compressibility of falsework and for the placement of shims, wedges, or jacks to produce the permanent structural camber shown on the plans. If during construction, any weakness develops and the falsework shows any undue settlement or distortion, the work shall be stopped, the part of the structure affected removed, and the falsework strengthened before work is resumed. Falsework which cannot be founded on a satisfactory footing shall be supported on piling, which shall be spaced, driven, and removed, as referenced in Subsection 907-804.03.15, in a manner approved by the Engineer.

All structures built across a public street or highway on which maintenance of traffic is required, shall have falsework so arranged that a vertical clearance of at least 12' 6" is provided. Unless otherwise specified, a horizontal clearance of at least the width of the traveled way shall be provided at all times. If the vertical clearance is less than 13' 6" or the horizontal clearance is less than the full crown width of the roadway, the Contractor shall install and maintain appropriate safety devices, clearance signs and warning lights, and shall notify the Engineer sufficiently in advance of restricting the clearance for the Engineer to advise both the Traffic Engineering and the Maintenance Divisions. All traffic control and safety devices shall be in accordance with the Manual on Uniform Traffic Control Devices (MUTCD).

907-804.03.14--Forms.

907-804.03.14.1--General. Forms shall be wood, metal, or other material approved by the Engineer. All forms shall be built mortar-tight and sufficiently rigid to prevent distortion due to pressure of the concrete and other loads incident to the construction operations. Forms shall be constructed and maintained so as to prevent warping and the opening of joints due to shrinkage. The forms shall be substantial and unyielding and shall be so designed that the finished concrete

will conform to the proper dimensions and contours. The design of the forms shall take into account the effect of vibration of concrete as it is placed.

Minimum requirements for slab overhang forms shall be 3/4-inch plywood supported on 2-inch x 6-inch S4S wood timbers placed flatwise on 16-inch centers.

Adjustable brackets for support of slab overhang forms shall be spaced at a maximum distance of 3' 0" center to center unless specifically approved otherwise. Grade points for forms shall coincide with the location of the adjustable form brackets.

Forms for surfaces exposed to view shall be of uniform thickness with a smooth inside surface of an approved type. Joints in forms for exposed surfaces shall be closely fitted to eliminate fins, stone pockets, or other variations in the surface of the concrete which would mar a smooth and uniform texture.

Forms shall be filleted at all sharp corners and shall be given a bevel or draft in the case of all projections, such as girders and copings, to ensure easy removal.

Metal ties or anchorages within the forms shall be so constructed as to permit their removal, without injury to the concrete, to a depth of at least the reinforcing steel clearance shown on the plans. In case ordinary wire ties are permitted, all wires, upon removal of the forms, shall be cut back at least 1/4 inch from the face of the concrete with chisels or nippers. Nippers shall be used for green concrete. All fittings for metal ties shall be designed so that upon their removal the cavities which are left will be the smallest practicable size. The cavities shall be filled with cement mortar and the surface left sound, smooth, even, and uniform in color.

Forms shall be set and maintained to the lines designated until the concrete is sufficiently cured for form removal. Forms shall remain in place for periods which shall be determined as hereinafter specified. If forms are deemed to be unsatisfactory in any way, either before or during the placing of concrete, the Engineer will order the work stopped until the defects have been corrected.

The shape, strength, rigidity, water-tightness, and surface smoothness of reused forms shall be maintained at all times. Warped or bulged lumber shall be resized before being reused. Forms which are unsatisfactory in any respect shall not be reused.

Access to the lower portions of forms for narrow walls and columns shall be provided for cleaning out extraneous material immediately before placing the concrete.

All forms shall be treated with an approved oil or saturated with water immediately before placing the concrete. For rail members or other members with exposed faces, the forms shall be treated only with an approved oil to prevent the adherence of concrete. Any material which will adhere to or discolor the concrete shall not be used.

When metal forms are used they shall be kept free from rust, grease, or other foreign matter which will discolor the concrete. They shall be of sufficient thickness and so connected that they will remain true to shape and line, and shall conform in all respects as herein prescribed for mortar

tightness, filleted corners, beveled projections, etc. They shall be constructed so as to ensure easy removal without injury to concrete. All inside bolt and rivet heads shall be countersunk.

All chamfer strips shall be dressed, straight, and of uniform width and shall be maintained as such at all times.

907-804.03.14.2--Stay-In-Place Metal Forms. Stay-in-place (SIP) metal forms are corrugated metal sheets permanently installed between the supporting superstructure members. After the concrete has cured, these forms shall remain in place as permanent, non-structural members of the bridge.

Pay quantities for deck concrete will be computed from the dimensions shown in the Contract Plans with no allowance for changes in deflection and /or changes in dimensions necessary to accommodate the SIP metal forms.

There will be no direct payment for the cost of the forms and form supports, or any material, tools, equipment, or labor incidental thereto, but the cost shall be considered absorbed in the contract unit price for concrete.

Before fabricating any material, three (3) complete sets of SIP metal form shop drawings and design calculations, bearing the Design Engineer's Seal, shall be submitted to the Director of Structures, State Bridge Engineer, through the Engineer, for review. The Contractor's SIP metal form Design Engineer shall be a MS Registered Professional Engineer who is knowledgeable in the field of structural design.

In no case shall additional dead load produced by the use of SIP metal forms overstress any bridge component. Design calculations shall indicate any additional dead load from SIP metal form self-weight, form support hangers, concrete in flutes, concrete due to form deflection, etc. not included in the Contract Plans. The additional dead loads shall be clearly labeled and tabulated on the shop drawings. Bridge Division will evaluate the additional load for overstress of the bridge components. In the event that the additional dead load produces an overstress in any bridge component, Bridge Division will reject the Contractor's design. Deflection and loads produced by deflection of the SIP metal forms shall be considered and indicated in the design calculations.

The cambers and deflections provided in the Contract Plans do not consider the effects of SIP metal forms. The Contractor's Engineer shall take into account the weight of the forms and any additional dead load when developing the "Bridge Superstructure Construction Plan".

For the purpose of reducing any additional dead load produced by the SIP metal forms, the flutes of SIP metal forms may be filled with polystyrene foam. When polystyrene foam is used to fill the forms, the form flutes shall be filled completely; no portion of the polystyrene foam shall extend beyond the limits of the flutes. The Contractor shall ensure that the polystyrene foam remains in its required position within flutes during the entire concrete placement process. The Contractor shall not use reinforcing steel supports or other accessories in such a manner as to cause damage to the polystyrene foam. All damaged polystyrene foam shall be replaced to the

satisfaction of the Engineer. All welding of formwork shall be completed prior to placement of polystyrene foam.

For bridges not located in horizontal curves, the Contractor may reduce the additional dead load by matching the flute spacing with the transverse steel spacing of the bottom layer. The bottom longitudinal layer of steel shall have one (1) inch of minimum concrete cover measured from the bottom of the reinforcing to the top of the flute. The Contractor will not be allowed to vary the reinforcing steel spacing or size from the Contract Plans for the purpose of matching flute spacing.

907-804.03.14.2.1--Materials. SIP metal forms and supports shall meet the requirements of ASTM Designation: A653 having a coating designation G165. Form materials that are less than 0.03-inch uncoated thickness shall not be allowed.

907-804.03.14.2.2--Certification. The Contractor shall provide written certification from the manufacturer stating the product meets the requirements of this specification to the Engineer along with the delivery of the coated forms to the job site.

907-804.03.14.2.3--Polystyrene Foam. The polystyrene foam shall be comprised of expanded polystyrene manufactured from virgin resin of sufficient density to support the weight of concrete without deformation. The polystyrene foam shall be extruded to match the geometry of the flutes and provide a snug fit. The polystyrene foam shall have a density of not less than 0.8 pounds per cubic foot. The polystyrene foam shall have water absorption of less than 2.6% when tested according to ASTM Designation: C272. The Contractor shall provide written certification from the manufacturer stating the polystyrene foam product meets the requirements of this specification to the Engineer along with the delivery of the coated forms to the job site.

907-804.03.14.2.4--Design. The design of the SIP metal forms shall meet the following criteria.

1. The maximum self-weight of the stay in place metal forms, plus the weight of the concrete or expanded polystyrene required to fill the form flutes (where used), shall not exceed 20 psf.
2. The forms shall be designed on the basis of dead load of form, reinforcement, and plastic concrete plus 50 pounds per square foot for construction loads. The design shall use a unit working stress in the steel sheet of not more than 0.725 of the specified minimum yield strength of the material furnished, but not to exceed 36,000 psi.
3. Deflection under the weight of the forms, reinforcement, and plastic concrete shall not exceed 1/180 of the form span or 1/2 inch, whichever is less, for form spans of 10 feet or less, or 1/240 of the form span or 3/4 inch, whichever is less, for form spans greater than 10 feet.
4. The design span of the form shall equal the clear span of the form plus two (2) inches. The span shall be measure parallel to the form flutes.

5. Physical design properties shall be computed in accordance with requirements of the AISI Specifications for the Design of Cold Formed Steel Structural Members, latest published edition.
6. The design concrete cover required by the plans shall be maintained for all reinforcement.
7. The plan dimensions of both layers of primary deck reinforcement from the top surface of the concrete deck shall be maintained.
8. The SIP metal form shall not be considered as lateral bracing for compression flanges of supporting structural members.
9. SIP metal forms shall not be used under closure pours or in bays where longitudinal slab construction joints are located. SIP metal forms shall not be used under cantilevered slabs such as the overhang outside of fascia members.
10. Forms shall be secured to the supporting members by means other than welding directly to the member. Welding to the top flanges of steel stringers and/or girders shall not be allowed. Alternate installation procedures shall be submitted addressing this condition.

907-804.03.14.2.5--Construction. SIP metal form sheets shall not rest directly on the top of the stringer or floor beam flanges. Sheets shall be fastened securely to form supports, and maintain a minimum bearing length of one (1) inch at each end for metal forms. Form supports shall be placed in direct contact with the flange of the stringer or floor beam. All attachments for coated metal forms shall be made by bolts, clips, screws, or other approved means.

907-804.03.14.2.6--Form Galvanizing Repairs. Where forms or their installation are unsatisfactory in the opinion of the Engineer, either before or during placement of the concrete, the Contractor shall correct the defects before proceeding with the construction work. The cost of such corrective work shall be at the sole expense of the Contractor. Minor heat discoloration in areas of welds shall not be touched up.

907-804.03.14.2.7--Concrete. The Contractor shall ensure concrete placement does not damage the SIP metal forms. Approved pouring sequences shall be used. The completed SIP metal form system shall be sufficiently tight to prevent leakage of mortar or concrete. The concrete shall be consolidated to avoid honeycomb and voids, especially at construction joints, expansion joints, valleys, and ends of form sheets. Calcium chloride or any other admixture containing chloride salts shall not be used in the concrete.

907-804.03.14.2.8--Inspection. The Engineer will observe the Contractor's method of construction during all phases of the construction of the bridge deck slab, including the installation of the SIP metal form system; location and fastening of the reinforcement; composition of concrete items; mixing procedures, concrete placement, and vibration; and finishing of the bridge deck. Should the Engineer determine that the procedures used during the placement of the concrete warrant inspection of the underside of the deck, at least one section of the metal forms shall be removed in each span for this purpose. This shall be done as soon after placing the concrete as

practical in order to provide visual evidence that the concrete mix and the procedures are obtaining the desired results. An additional section shall be removed in any span if the Engineer determines that there has been any change in the concrete mix or in the procedures warranting additional inspection.

If, in the Engineer's judgment, inspection is needed to check for defects in the bottom of the deck or to verify soundness, the SIP metal forms shall be sounded with a hammer after the deck concrete has been in place a minimum of two days. If sounding discloses areas of doubtful soundness to the Engineer, the SIP metal forms shall be removed from such areas for visual inspection after the concrete has attained adequate strength. The SIP metal bridge deck forms shall be removed at no expense to the State.

At locations where sections of the metal forms have been removed, the Engineer will not require the Contractor to replace the metal forms. The adjacent metal forms and supports shall be repaired to present a neat appearance and to ensure their satisfactory retention. As soon as the form is removed, the Engineer will examine the concrete surfaces for cavities, honeycombing, and other defects. If irregularities are found and the Engineer determines that these irregularities do not justify rejection of the work, the concrete shall be repaired as directed by the Engineer. If the Engineer determines that the concrete where the form is removed is unsatisfactory, additional metal forms as necessary shall be removed to inspect and repair the slab, and the Contractor's method of construction shall be modified as required to obtain satisfactory concrete in the slab. All unsatisfactory concrete shall be removed and replaced as directed at no expense to the State.

If the method of construction and the results of the inspections as outlined above indicate that sound concrete has been obtained throughout the slabs, the amount of sounding and form removal may be reduced when approved by the Engineer.

The Contractor shall provide a safe and convenient means of conducting of the inspection.

907-804.03.15--Removal of Falsework, Forms, and Housing. In the determination of the time for the removal of falsework, forms, and housing and the discontinuance of heating, consideration shall be given to the location and character of the structure, the weather and other conditions influencing the setting of the concrete, and the materials used in the mix. No forms or supports shall be removed prior to approval by the Engineer. During cold weather, removal of housing and the discontinuance of heating shall be in accordance with Subsection 907-804.03.16.1.

Concrete in the last pour of a continuous superstructure shall have attained a compressive strength of 2,400 psi, as determined by cylinder tests or maturity meter probe, prior to striking any falsework. It is important that falsework be removed as evenly as possible to prevent excessive deflection stresses in the spans.

At the Contractor's option and with the approval of the Engineer, the time for removal of forms may be determined by cylinder tests, in accordance with the requirements listed in Table 6, in which case the Contractor shall furnish facilities for testing the cylinders. The facilities shall include an approved concrete testing machine of sufficient capacity and calibrated by an acceptable commercial laboratory. Tests shall be conducted in the presence of a Department representative

to witness and record strengths obtained on each break or performed by a Department certified technician in an approved testing laboratory.

[a1]The cylinders shall be cured under conditions which are not more favorable than those existing for the portions of the structure which they represent.

Table 6
Minimum Compressive Strength Requirements for Form Removal

Forms:

Columns	1000 psi
Side of Beams	1000 psi
Walls not under pressure	1000 psi
Floor Slabs, overhead	2000 psi
Floor Slabs, between beams	2000 psi
Slab Spans	2400 psi
Other Parts	1000 psi

Centering:

Under Beams	2400 psi
Under Bent Caps	2000 psi

Limitation for Placing Beams on:

Pile Bents, pile under beam	2000 psi
Frame Bents, two or more columns	2200 psi
Frame Bents, single column	2400 psi

For bridges, non-SIP metal forms for bridge deck slabs overhead and bridge deck slabs between beams shall be removed with the approval of the Engineer, between two weeks and four weeks after the removal of the wet burlap applied in accordance with Subsection 907-804.03.17.1, or application of liquid membrane applied in accordance with Subsection 907-804.03.17.2.

In lieu of using concrete strength cylinders to determine when falsework, forms, and housings can be removed, an approved maturity meter may be used to determine concrete strengths by inserting probes into concrete placed in a structure. The minimum number of maturity meter probes required for each structural component shall be in accordance with Table 7. Falsework, forms, and housings may be removed when maturity meter readings indicate that the required concrete strength is achieved. Procedures for using the maturity meter and developing the strength/maturity relationship shall follow the requirements of AASHTO Designation: T 325 and ASTM Designation: C 1074 specifications. Technicians using the maturity meter or calculating strength/maturity graphs shall be required to have at least two hours of training prior to using the maturity equipment.

Table 7
Requirements for use of Maturity Meter Probes

Structure Component	Quantity of Concrete	No. of Probes
Slabs, beams, walls, & miscellaneous items	0 - 30 yd ³	2
	> 30 to 60 yd ³	3
	> 60 to 90 yd ³	4
	> 90 yd ³	5
Footings, Columns & Caps	0 - 13 yd ³	2
	> 13 yd ³	3
Pavement, Pavement Overlays	1200 yd ²	2
Pavement Repairs	Per repair or 900 yd ²	2
	Whichever is smaller	

Methods of form removal likely to cause overstressing of the concrete shall not be used. Forms and supports shall be removed in a manner that will permit the concrete to uniformly and gradually take the stresses due to its own weight. Centers shall be gradually and uniformly lowered in a manner that will avoid injurious stresses in any part of the structure.

As soon as concrete for railings, ornamental work, parapets and vertical faces which require a rubbed finish has attained a safe strength, the forms shall be carefully removed without marring the surfaces and corners, the required finishing performed, and the required curing continued.

Prior to final inspection of the work, the Contractor shall remove all falsework, forms, excavated material or other material placed in the stream channel during construction. Falsework piles may be cut or broken off at least one foot below the mudline or ground line unless the plans specifically indicate that they are to be pulled and completely removed from the channel.

907-804.03.16--Cold or Hot Weather Concreting.

907-804.03.16.1--Cold Weather Concreting. In cold weather, the temperature of the concrete when delivered to the job site shall conform to the temperature limitations of "Temperature Limitations on Concrete when Delivered to Job Site" listed in Table 8 below. Cold weather is defined as three consecutive days when there is a probability that the daily average of the highest and lowest ambient temperatures is expected to be less than 40°F. This three-day forecast shall be based on the latest information available from the National Weather Service.

When the Contractor proposes to place concrete during seasons when there is a probability of ambient temperatures lower than 40°F, the Contractor shall have available on the project the approved facilities necessary to enclose uncured concrete and to keep the temperature of the air inside the enclosure within the ranges and for the minimum periods specified herein.

When there are indications of temperatures of less than 40°F during the first four days after placement of the concrete, the concrete shall be protected from cold temperatures by maintaining a temperature between 50°F and 100°F for at least four days after placement and between 40°F and 100°F for at least three additional days. The Contractor shall use such heating equipment such as stoves, salamanders, or steam equipment as deemed necessary to protect the concrete. When dry heat is used, means of maintaining atmospheric moisture shall be provided.

At the option of the Contractor with the approval of the Engineer, when concrete is placed during cold weather and there is a probability of ambient temperatures lower than 40°F, an approved maturity meter may be used to determine concrete strengths by inserting probes into concrete placed in a structure. The minimum number of maturity meter probes required for each structural component shall be in accordance with Table 7. An approved insulating blanketing material shall be used to protect the work when ambient temperatures are less than 40°F and shall remain in place until the required concrete strength in Table 6 is achieved. Procedures for using the maturity meter and developing the strength/maturity relationship shall follow the requirements of AASHTO Designation: T 325 and ASTM Designation: C 1074 specifications. Technicians using the maturity meter or calculating strength/maturity graphs shall be required to have at least two hours of training prior to using the maturity equipment.

One or more of the aggregates and/or mixing water may be heated. The aggregates may be heated by steam, dry heat, or by placing in the mixing water which has been heated. Frozen aggregates shall not be used. When either aggregates or water are heated above 100°F, the aggregates and water shall be combined first in the mixer before the cement is added to avoid flash set. Cement shall not be mixed with water or with a mixture of water and aggregate having a temperature greater than 100°F.

The use of salt or other chemical admixtures in lieu of heating will not be permitted.

Before placing concrete, all ice or frost shall be removed from the forms and reinforcement.

In the case of concrete placed directly on or in the ground, such as for footings or bottom slabs, protection and curing during cold weather may be provided as set for concrete pavement under Subsection 501.03.20.3.

The Contractor shall assume all risk and added cost connected with the placing and protecting of concrete during cold weather. Permission given by the Engineer to place concrete during such time will in no way relieve the Contractor of responsibility for satisfactory results. Should it be determined at any time that the concrete placed under such conditions is unsatisfactory, it shall be removed and replaced with satisfactory concrete by the Contractor without extra compensation.

TABLE 8
COLD WEATHER TEMPERATURE LIMITATIONS ON CONCRETE WHEN
DELIVERED TO JOB SITE

Section thickness in the least dimension inches	Jobsite Acceptance Temperature Range °F
Less than 12	55 to 75
12 to 36	50 to 70
36 to 72	45 to 65
Greater than 72	40 to 60

907-804.03.16.2--Hot Weather Concreting. The manufacture, placement, and protection of concrete during hot weather requires special attention to ensure that uniform slump ranges and satisfactory placement qualities are maintained, that surface cracking is held to a minimum, and that design strengths are produced.

When the ambient temperature is above 90°F, the forms, reinforcing steel, steel beam flanges, and other surfaces which will come in contact with the concrete shall be cooled to below 90°F by means of a water spray or other approved methods.

When the atmospheric temperature is predicted to be 90°F or above based on the latest information available from the National Weather Service any time during the day of placement or day after placement, the time of placement shall not begin until 5:00 p.m. on the day of placement and shall be completed by 6:00 a.m. the following day.

907-804.03.17--Curing Concrete. Curing is defined as all actions taken to ensure the moisture and temperature conditions of freshly placed concrete exist so the concrete may develop its potential properties. Curing shall take place from the time of placement until its potential properties have developed. The Contractor shall use the guidance in ACI 308R-01 to:

- a) cure the concrete in such a manner as to prevent premature moisture loss from the concrete,
- b) supply additional moisture to the concrete as required in order to ensure sufficient moisture within the concrete, and
- c) maintain a concrete temperature beneficial to the concrete.

Curing in accordance with the requirements in either Subsection 907-804.03.17.1 or Subsection 907-804.03.17.2 shall be completely established within 20 minutes after finishing, except as noted for bridge decks. Finishing is complete when the pan drag, burlap drag, or other finishing method is complete.

When stay-in-place (SIP) metal forms are used in accordance with Subsection 907-804.03.14.2 in conjunction with the Transverse Method in accordance with Subsection 804.03.19.7.3, if the concrete mixture contains lightweight aggregate (LWA) meeting the requirements of Subsection 907-703.19.2 and an internal curing water content of 8.0 pounds or greater per 100 pounds of total cementitious materials, curing shall be accomplished in accordance with either Subsection 907-804.03.17.1 or Subsection 907-804.03.17.2. The minimum amount of LWA shall be established following the information in the Department's *Concrete Field Manual*, Paragraph 5.5.5. If the concrete mixture does not meet or exceed this internal curing water content, curing shall be accomplished in accordance with Subsection 907-804.03.17.1.

When SIP metal forms are not used or used in conjunction with the Longitudinal Method in accordance with Subsection 804.03.19.7.2, curing shall be accomplished in accordance with either Subsection 907-804.03.17.1 or Subsection 907-804.03.17.2.

The length of time for curing shall be maintained in accordance with either of the following:

1. **Prescribed Length of Time:**

- a) Curing following the requirements of Subsection 907-804.03.17.1 shall continue uninterrupted for at least 14 days.
- b) Curing following the requirements of Subsection 907-804.03.17.2 shall continue uninterrupted for at least 10 days.

OR

2. Length of Time Defined by Development of Compressive Strength:

Curing following the application requirements of Subsection 907-804.03.17.1 or Subsection 907-804.03.17.2 shall continue uninterrupted for each day's production until the compressive strength of the concrete exceeds 75% of the 28-day compressive strength submitted as the Basis of Proportioning per Subsection 907-804.02.10.1. Therefore, if an area is being cured in accordance with Subsection 907-804.03.17.1, the curing by wet burlap shall continue until the concrete in that area has attained a minimum of 75% of the 28-day compressive strength submitted as the Basis of Proportioning per Subsection 907-804.02.10.1. Likewise, if an area is being cured in accordance with Subsection 907-804.03.17.2, the curing by liquid membrane shall continue until the concrete in that area has attained a minimum of 75% of the 28-day compressive strength submitted as the Basis of Proportioning per Subsection 907-804.02.10.1.

The compressive strength of the concrete may be determined by the use of maturity meter in accordance with Subsection 907-804.03.15.

907-804.03.17.1--Water With Waterproof Cover. All burlap shall be completely saturated and wet prior to placing it on the concrete. The burlap shall have been fully soaked in water for a minimum of 12 hours prior to placement on the concrete.

For bridge decks, the Contractor shall apply one (1) layer of saturated burlap within 20 minutes of the initial strike-off for bridges without a skew and 25 minutes of the initial strike-off for bridges with a skew. For all other concrete, the Contractor shall apply one (1) layer of saturated burlap within 20 minutes of completing finishing.

For bridge decks, following the first layer of burlap, the Contractor shall apply a second layer of saturated burlap within five (5) minutes of applying the first layer.

The applied burlap shall completely cover all exposed concrete surfaces. In areas where the burlap may not be directly applied due to the concrete surface, for example, in areas where reinforcing steel protrudes thru the concrete surface, like in the areas of a bridge deck where the bridge railing will be constructed at a later time, the saturated burlap shall be draped over the steel. The concrete surface shall not be allowed to dry after strike-off or at any time during the curing period.

The Contractor shall maintain the burlap in a fully wet condition using powered fogging equipment capable of producing a fog spray of atomized droplets of water until the concrete has gained sufficient strength to allow foot traffic without the foot traffic marring the surface of the concrete. Burlap shall not be maintained in the fully wet condition using equipment which does not produce a fog spray of atomized droplets of water or by use of manually pressurized sprayers.

For bridge decks, once the concrete has gained sufficient strength to allow foot traffic which does not mar the surface of the concrete, soaker hoses shall be placed on the burlap. The soaker hoses shall then be supplied with running water continuously to maintain continuous saturation of all burlap and the entire concrete surface.

If there is a delay in the placement of the first layer of saturated burlap outside the time limit, the struck-off and finished concrete shall be kept wet by use of the powered fogging equipment used to keep the burlap wet.

White polyethylene sheets shall be placed on top of the wet burlap and, as applicable, soaker hoses, covering the entire concrete surface as soon as practical and not more than 12 hours after the placement of the concrete. White polyethylene sheets of the widest practical width shall be used, overlapping adjacent sheets a minimum of six inches (6") and tightly sealed with an adhesive like pressure sensitive tape, mastic, glue, or other approved methods to form a complete waterproof cover of the entire concrete surface. White polyethylene sheets which overlap a minimum of two feet (2') may be held in place using means other than an adhesive. The white polyethylene sheets shall be secured so that wind will not displace them. The Contractor shall immediately repair the broken or damaged portions or replace sections that have lost their waterproof qualities.

If burlap and/or white polyethylene sheets are temporarily removed for any reason during the curing period, the Contractor shall keep the entire exposed area continuously wet. The saturated burlap and white polyethylene sheets shall be replaced, resuming the specified curing conditions, as soon as possible.

The Contractor shall inspect the bridge deck surface once every eight (8) hours for the entirety of the curing period, so that all areas remain wet for the entire curing period and all curing requirements are satisfied and document the inspection in accordance with Subsection 907-804.03.17.1.1.

At the end of the curing period, one coating of liquid membrane shall be applied following the requirements of Subsection 907-804.03.17.1.2. The purpose of the coating of liquid membrane is to allow for slow drying of the concrete. The application of liquid membrane to any area shall be complete within 30 minutes of the beginning of removal of the white polyethylene sheets, soaker hoses, and burlap from this area.

907-804.03.17.1.1--Documentation for Bridge Decks. The Contractor shall provide the Engineer with a daily inspection report that includes:

- documentation that identifies any deficiencies found (including location of deficiency);
- documentation of corrective measures taken;
- a statement of certification that all areas are wet and all curing material is in place on the entire bridge deck;
- documentation showing the time and date of all inspections and the inspector's signature;
- documentation of any temporary removal of curing materials including location, date and time, length of time curing was removed, and means taken to ensure exposed area was kept continuously wet.

907-804.03.17.1.2--Liquid Membrane. At the end of the 14-day wet curing period the wet burlap and polyethylene sheets shall be removed and within 30 minutes, the Contractor shall apply white liquid membrane to the deck. The liquid membrane shall be thoroughly mixed within the time recommended by the liquid membrane producer but no more than an hour before use. If the use of liquid membrane results in a streaked or blotched appearance, the method shall be stopped and water curing applied until the cause of defective appearance is corrected.

The liquid membrane shall be applied when no free water remains on the surface but while the surface is still wet. The liquid membrane shall be applied according to the manufacturer's instructions with a minimum spreading rate per coat of one (1) gallon per 200 square feet of concrete surface. If the concrete is dry or becomes dry, the Contractor shall thoroughly wet it with water applied as a fog spray by means of approved equipment.

The application of liquid membrane shall be accomplished by the use of power applied spray equipment using nozzles and other equipment recommended by the liquid membrane producer. Manually pressurized or manual pump-up type sprayers shall not be used to apply the first application of liquid membrane.

As a visual guide, the color of concrete covered with the required amount of liquid membrane should be indistinguishable from a sheet of commercially available standard "letter" size white copier paper placed on top of it when viewed from a distance of about five feet (5') away horizontally if standing on the same grade as the concrete. The appearance of the concrete does not supersede applying the minimum spreading rate.

The coating shall be protected against marring for at least seven (7) days after the application of the curing compound. The coating on bridge decks shall receive extra attention and may require additional protection as required by the Engineer. All membrane marred or otherwise disturbed shall be given an additional coating. Manually pressurized or manual pump-up type sprayers may be used for giving marred areas the required additional application of liquid membrane. Should the surface coating be subjected repeatedly to injury, the Engineer may require that the water curing method be applied at once.

The 7-day period during which the liquid membrane is applied and protected shall not be reduced even if the period of wet curing is extended past the required 14 days.

907-804.03.17.1.2.1--Liquid Membrane Documentation. The Contractor shall make available to the Engineer an application rate verification method and any information necessary during application of the liquid membrane to verify that the rate of application meets the prescribed rate for the various surfaces of the concrete, including, but not limited to, the top surface of the bridge deck and exposed sides of the bridge deck after any forms are removed. The Contractor shall submit this application verification method to the Engineer in accordance with Subsection 907-804.02.12.1.1.

One method of verifying the rate of application is as follows:

1. Determine the volume of liquid membrane in the container. For a container with a uniform cross-sectional area, for example a 55-gallon drum, determine the area of the cross-section. Determine the height of the surface of the liquid membrane from the bottom of the container. This may be accomplished by inserting a sufficiently long, clean dip-stick parallel with the axis of the container into the liquid membrane until the inserted end of the dip-stick contacts the bottom of the container. On removing the dip-stick, measure the length from the end which was inserted to the point on the dip-stick where the liquid membrane ceases to coat the dip-stick. Multiply the area of the cross-section by the height of the level of liquid membrane, maintaining consistent units, to determine the volume.
2. Perform step 1 prior to beginning applying the liquid membrane to establish the initial volume.
3. During the period of application, perform step 1 each 100 square feet of bridge deck.
4. In order to meet the required application rate of one (1) gallon per 200 square feet, the amount in the container shall be at least 0.5 gallon less than the previous volume in the previous 100 square feet. Other changes in volume may apply depending on the manufacturer's recommended application rate.
5. Additional applications to an area shall be applied until the required rate is satisfied. Areas which are not visually satisfactory to the Engineer shall have additional liquid membrane applied as directed by the Engineer.

The amount of liquid membrane applied shall be determined each day using the application verification method. This information shall be submitted to the Engineer within 24 hours of applying the liquid membrane.

907-804.03.17.2--Liquid Membrane Method. All surfaces on which curing is to be by liquid membrane shall be given the required surface finish prior to the application of liquid membrane. Concrete surfaces cured by liquid membrane shall receive two applications of white liquid membrane. Neither application shall be made from a position supported by or in contact with the freshly placed concrete. Both applications shall be applied perpendicularly to the surface of the concrete.

When using liquid membrane, the liquid membrane shall be thoroughly mixed within the time recommended by the liquid membrane producer but no more than an hour before use. If the use of liquid membrane results in a streaked or blotched appearance, the method shall be stopped and water curing applied until the cause of defective appearance is corrected.

The application of liquid membrane shall be accomplished by the use of power applied spray equipment using nozzles and other equipment recommended by the liquid membrane producer. Manually pressurized or manual pump-up type sprayers shall not be used to apply the first two applications of liquid membrane.

The liquid membrane shall be applied when no free water remains on the surface but while the surface is still wet. The liquid membrane shall be applied according to the manufacturer's instructions with a minimum spreading rate per coat of one (1) gallon per 200 square feet of concrete surface. If the concrete is dry or becomes dry, the Contractor shall thoroughly wet it with water applied as a fog spray by means of approved equipment.

The first application of the liquid membrane shall be made as the work progresses. For bridge decks, the first application shall be completed in each area of the deck, including the area in which the bridge railing will be later constructed, within 20 minutes of initial strike-off for bridges with no skew and within 25 minutes of initial strike-off for bridges with skew. For all other concrete, the first application of the liquid membrane shall be completed within 20 minutes of finishing.

The second application shall be applied within 30 minutes after the first application. The liquid membrane shall be uniformly applied to all exposed concrete surfaces.

As a visual guide, the color of concrete covered with the required amount of liquid membrane should be indistinguishable from a sheet of commercially available standard "letter" size white copier paper placed on top of it when viewed from a distance of about five feet (5') away horizontally if standing on the same grade as the concrete. The appearance of the concrete does not supersede applying the minimum spreading rate.

The Contractor shall make available to the Engineer an application rate verification in accordance with Subsection 907-804.03.17.1.2.1.

The coating shall be protected against marring for at least 10 days after the application of the curing compound. The coating on bridge decks shall receive extra attention and may require additional protection as required by the Engineer. All membrane marred or otherwise disturbed shall be given an additional coating. Manually pressurized or manual pump-up type sprayers may be used for giving marred areas the required additional application of liquid membrane. Should the surface coating be subjected repeatedly to injury, the Engineer may require that the water curing method be applied at once.

After the specified time for curing, but prior to constructing the bridge railing, all liquid membrane shall be removed from both the exposed surfaces of the reinforcing steel and the concrete surfaces on which bridge rail will be constructed. This removal of liquid membrane may be accomplished by high pressure washing or other methods approved by the Engineer.

907-804.03.18--Expansion and Fixed Joints, Bearings, Anchor Bolts, Plates, Castings, Pipes, Drains, Conduits, Etc. All joints shall be constructed according to details shown on the plans. The edges of the concrete at open or filled joints shall be chamfered or edged as indicated on the plans.

907-804.03.18.1--Open Joints. Open joints shall be placed in the locations shown on the plans and shall be constructed by the insertion and subsequent removal of a wood strip, metal plate, or other approved material. The insertion and removal of the template shall be accomplished without chipping or breaking the corners of the concrete. Reinforcement shall not extend across an open joint unless so specified on the plans.

907-804.03.18.2--Filled Joints. Poured expansion joints and joints to be sealed with premolded materials shall be constructed similar to open joints. When premolded types are specified, the filler shall be placed in correct position as the concrete on one side of the joint is placed. When

the form is removed, the concrete on the other side shall be placed. Adequate water stops of metal, rubber, or plastic shall be carefully placed as shown on the plans.

907-804.03.18.3--Premolded and Preformed Joint Seals. When preformed elastomeric compressive joint seals are specified, the previously formed and cured open joint shall be thoroughly cleaned of all foreign matter, the required adhesive uniformly applied, and the seal installed in accordance with the recommendations of the manufacturer of the seal.

When premolded filler is used for the joints in the roadway slab, the tops shall be adequately sealed with poured joint filler in accordance with details on the plans. Premolded filler shall be permanently fastened to an adjacent concrete surface by appropriate use of copper wire, copper nails, or galvanized nails.

907-804.03.18.4--Steel Joints. The plates, angles, or other structural shapes shall be accurately shaped at the shop to conform to the section of the concrete floor. Fabrication and painting shall conform to the specifications covering those items. When called for on the plans or in the special provisions, the material shall be galvanized in lieu of painting. Care shall be taken to ensure that the surface in the finished plane is true and free of warping. Positive methods shall be employed in placing the joints to keep them in correct position during the placing of the concrete. The opening at expansion joints shall be that designated on the plans at normal temperature, and care shall be taken to avoid impairment of the clearance in any manner.

907-804.03.18.5--Water Stops. Adequate water stops of metal, rubber, or plastic shall be placed as shown on the plans. Where movement at the joint is provided for, the water stops shall be of a type permitting movement without injury. They shall be spliced, welded, or soldered to form continuous watertight joints.

907-804.03.18.6--Bearing Devices. Bearing plates, rockers, and other bearing devices shall be constructed according to details shown on the plans. Unless otherwise specified or set in plastic concrete, they shall be set in grout to insure uniform bearing. Structural steel and painting shall conform to the requirements of Sections 810 and 814. When specified, the material shall be galvanized in lieu of painting. The rockers or other expansion bearing devices shall be set, considering the temperature at the time of erection, so that the required position of the device is provided.

At all points of bearing contact, concrete members shall be separated from underlying members by dimensioned bearing pads or by methods and/or materials specified on the plans.

When not otherwise specifically provided, contact areas between concrete super-structures and substructures shall be separated by three layers of No. 15, Type I, roofing felt.

907-804.03.18.7--Friction Joints. Metal friction joints shall consist of plates as indicated on the plans and shall be securely anchored in correct position. All sliding surfaces shall be thoroughly coated with an approved graphite grease. Movement shall not be impeded by the concrete in which the plates are embedded.

907-804.03.18.8--Placing Anchor Bolts, Plates, Castings, Grillage, Conduits, Etc. All anchor bolts, plates, castings, grillage, conduits, etc. indicated on the plans to be placed in or on the concrete shall be placed, set, or embedded as indicated or as directed. These items of the construction shall be set in portland cement mortar as referenced in Subsection 714.11.5, except that anchor bolts may, as permitted by the Engineer, be built into the masonry, set in drilled holes, or placed as the concrete is being constructed by inserting encasing pipe or oiled wooden forms of sufficient size to allow for adjustment of the bolts. After removal of the pipe or forms, the space around the bolts shall be filled with portland cement mortar completely filling the holes. The bolt shall be set accurately and perpendicular to the plane of the seat.

Anchor bolts which are to be set in the masonry prior to the erection of the superstructure shall be carefully set to proper location and elevation with a template or by other suitable means.

When bed plates are set in mortar, no superstructure or other load shall be placed thereon until this mortar has been allowed to set for a period of at least 96 hours, subject to the restrictions for cold weather concreting in Subsection 907-804.03.16.1. The mortar shall be kept well moistened during this period.

Weep hole drains shall be installed in abutments and retaining walls, and roadway drains or scuppers shall be installed in the roadway slabs in accordance with the details shown on the plans.

Where backfill is to be made at weep holes or openings in the structure, sand or stone chimneys or French drains shall be constructed as specified and shall extend through the portion of the backfill to be drained. Except as otherwise provided, the sand, stone, or slag used in this construction shall meet the requirements of Subsection 704.04.

907-804.03.19--Finishing Concrete Surfaces.

804.03.19.1--Classes of Finishes. Surface finishes of exposed concrete surfaces shall be classified as follows:

- Class 1 - Ordinary Surface Finish
- Class 2 - Rubbed or spray Finish
- Class 3 - Tooled Finish
- Class 4 - Sand-Blast Finish
- Class 5 - Wirebrush or Scrubbed Finish
- Class 6 - Floated Surface Finish

907-804.03.19.2--Class 1, Ordinary Surface Finish. Immediately following the removal of forms, all fins and irregular projections shall be removed from all surfaces except from those which are not to be exposed or not to be waterproofed. On all surfaces, the cavities produced by form ties and all other holes, honeycomb spots, broken corners or edges, and other defects shall be thoroughly cleaned, and after having been kept saturated with water for at least three hours shall be carefully pointed and trued with a mortar of cement and fine aggregate mixed in the proportions used in the class of the concrete being finished. Mortar used in pointing shall be not more than one hour old. The mortar patches shall be cured as specified under Subsection 907-804.03.17. All

construction and expansion joints shall be left carefully tooled and free of mortar and concrete. The joint filler shall be left exposed for its full length with clean and true edges.

The resulting surfaces shall be true and uniform. All surfaces which cannot be repaired to the satisfaction of the Engineer shall be given a Class 2 rubbed finish.

907-804.03.19.3--Class 2, Rubbed or Spray Finish.

907-804.03.19.3.1--Rubbed Finish. After removal of forms, the Class 1 finish shall be completed and the rubbing of concrete shall be started as soon as its condition will permit. Immediately before starting this work, the concrete shall be kept thoroughly saturated with water for at least three hours. Surfaces shall be rubbed with a medium course Carborundum stone using a small amount of mortar on its face. The mortar shall be composed of cement and sand mixed in the proportions used in the concrete being finished. Rubbing shall be continued until all form marks, projections, and irregularities have been removed, all voids are filled, and a uniform surface has been obtained. The paste produced by this rubbing shall be left in place at this time.

After all concrete above the surface being treated has been cast, the final finish shall be obtained by rubbing with a fine Carborundum stone and water. This rubbing shall continue until the entire surface is of a smooth texture and uniform color.

After the final rubbing is completed and the surface has dried, it shall be rubbed with burlap to remove loose powder and objectionable marks.

907-804.03.19.3.2--Spray Finish. Prior to the spray finish, the concrete shall be given a Class 1 finish in accordance with Subsection 907-804.03.19.2, supplemented if necessary with a grout meeting the requirements of Subsection 714.11 with fine aggregate modified to require 100 percent passing the No. 16 Sieve.

Grout shall be applied with burlap pads or float sponges, and as soon as the grout has dried the surface shall be brushed to remove all loose grout and the surface left smooth and free of air holes. Surfaces to be sprayed shall be free of efflorescence, flaking coatings, dirt, oil, and other foreign substances. Prior to application of the spray finish, the surfaces shall be free of moisture, as determined by sight and touch, and in a condition consistent with the manufacturer's published recommendations.

The spray finish material shall meet the requirements of Subsection 714.12 and shall be listed on of Approved Sources of Materials. The spray finish shall be applied with heavy duty spray equipment capable of maintaining a constant pressure as necessary for proper application. The material shall be applied as recommended by the manufacturer except the rate of application shall not be less than one gallon per 50 square feet of surface area without prior written approval of the Engineer.

The completed finish shall be tightly bonded to the structure and present a uniform appearance and texture equal to or better than a rubbed finish. If necessary, additional coats shall be sprayed to produce the desired surface texture and uniformity. Upon failure to adhere positively to the

structure without chipping or cracking or to attain the desired surface appearance, the coatings shall be completely removed and the surface given a rubbed finish in accordance with 907-804.03.19.3.1, or other approved methods shall be used to obtain the desired surface finish to the satisfaction of the Engineer without additional cost to the State.

907-804.03.19.4--Classes 3, 4, and 5 Finishes. If required, specifications for these finishes will be contained in the special provisions.

907-804.03.19.5--Class 6, Floated Surface Finish. After the concrete has been deposited in place, it shall be consolidated and the surface shall be struck off by means of a strike board and floated with a wooden or cork float. An edging tool shall be used on edges and expansion joints. The surface shall not vary more than 1/8 inch under a 10-foot straightedge. The surface shall have a granular or matte texture which will not be slick when wet.

907-804.03.19.6--Required Finishes for Various Surfaces.

907-804.03.19.6.1--General. Unless otherwise specified, the top surface of sidewalks, the top horizontal surfaces of footings, and top slabs of box bridges, box culverts, or other structures shall be given a Class 6 finish. All formed concrete surfaces shall be given a Class 1 finish, except on surfaces which are completely enclosed, such as the inside surfaces of cells of box girders, the removal of fins and form marks and the rubbing of mortared surfaces to a uniform color will not be required.

In reference to finishing, exposed surfaces are surfaces or faces which may be seen after all backfill has been placed. Exposed surfaces requiring a Class 2 finish shall be finished at least one foot below the ground line or the low water elevation, whichever is higher.

The Class 2 finish shall be made upon a Class 1 finish. After the removal of forms the Class 1 finish shall be completed and the rubbing of concrete shall be started as soon as the condition of the concrete will permit.

Bridge floors shall be finished in accordance with Subsection 907-804.03.19.7.

907-804.03.19.6.2--Finishing Formed Concrete Surfaces of Box Bridges, Box Culverts, Pipe Headwalls, and Minor Structures. The exposed surfaces of wing walls and parapets of box bridges and box culverts to be used as vehicular or pedestrian underpasses shall be given a Class 2 finish. Exposed surfaces of other box culverts or box bridges, pipe culvert headwalls, and other minor structures shall be given a Class 1 finish unless otherwise indicated on the plans.

The exposed surfaces of retaining walls including copings and parapets shall receive a Class 2 finish.

907-804.03.19.6.3--Finishing Formed Concrete Surface of Bridges. All formed concrete bridge surfaces which are exposed shall have a Class 1 or 2 finish as set forth herein unless designated otherwise on the plans.

Bridges with designated surfaces for Class 2 finish are classified as follows:

Group A - Bridges over highways, roads and streets.

Group B - Bridges over waterways and railroads.

Group BB - Twin or adjacent bridges of Group B category.

When a Group B or BB bridge also spans a highway, road or street, exposed concrete surfaces shall be finished in accordance with Group A requirements.

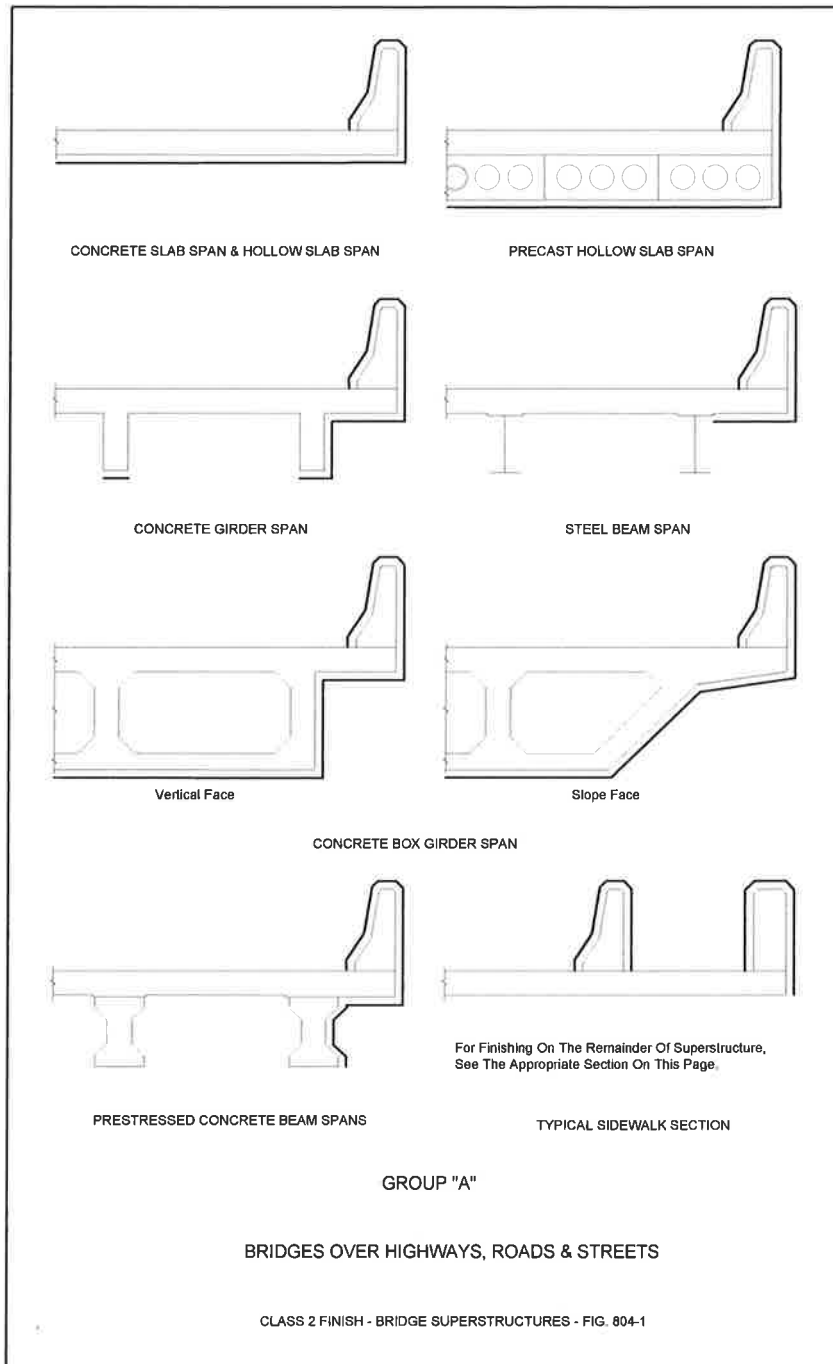
(A) Superstructures. Concrete surfaces to be given a Class 2 finish shall be the exposed surfaces of wings and rails and other exposed surfaces indicated by a double line in Figures 804-1, 804-2, and 804-3.

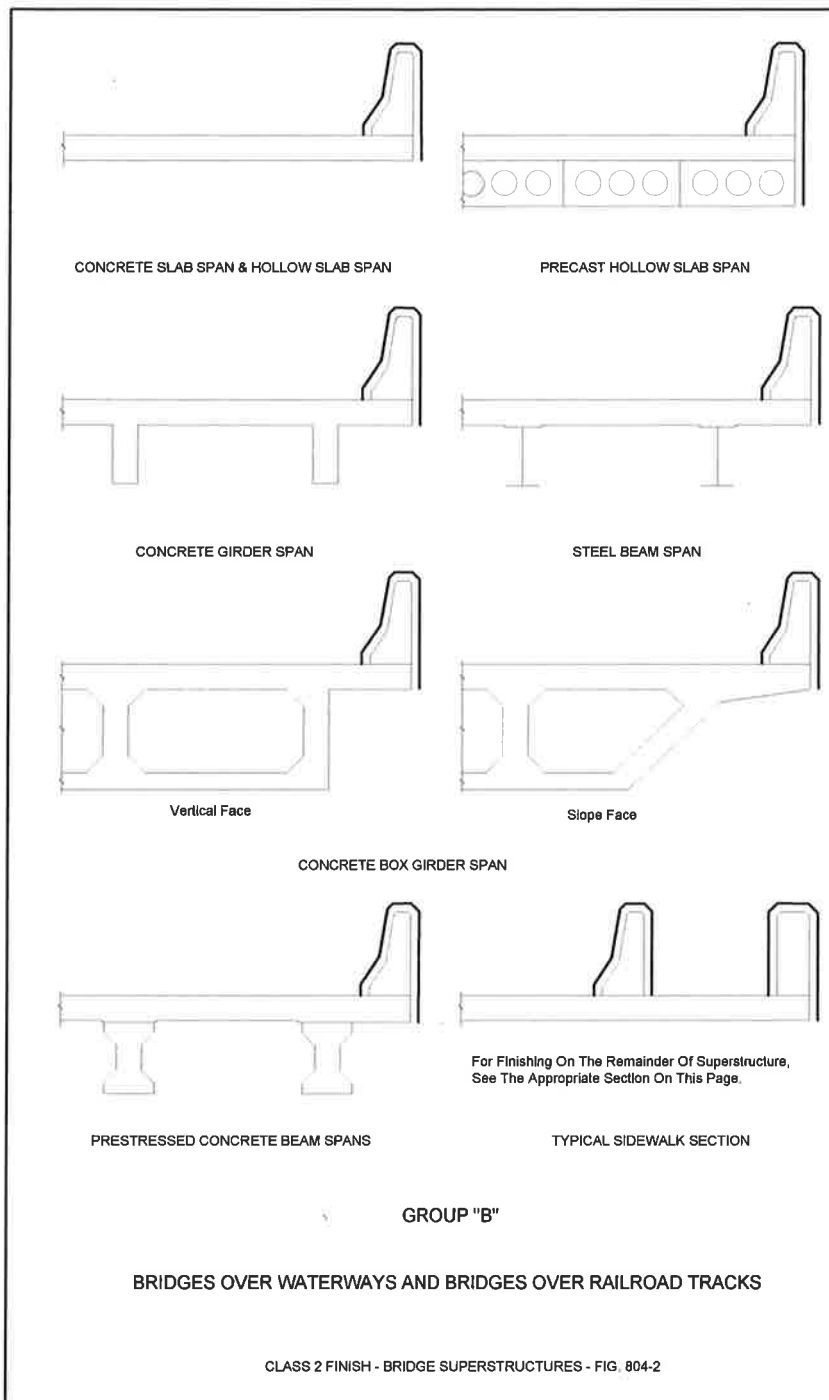
When a Group B or BB also spans a highway, road or street, the superstructure of spans over and extending one span in each direction beyond the lower level highway, road or street shall be given a Class 2 finish as shown for Group A.

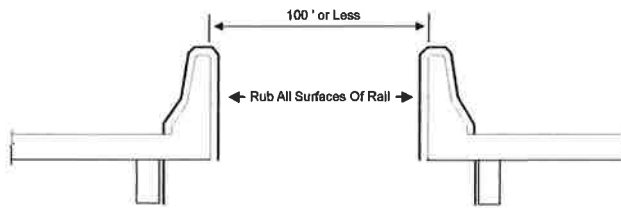
(B) Substructures. Concrete surfaces to be given a Class 2 finish are as follows:

Group A. Exposed surfaces of abutments, end bents, end bent posts, wing walls, railing, retaining walls, parapets, copings, piers, columns, piles, caps, struts or walls between columns or piles, encasement of steel piles, arch rings and spandrel walls.

Group B and BB. Exposed surfaces of abutments, wing walls, end bent posts, railing, retaining walls, parapets and copings.







GROUP "B B" - ADJACENT BRIDGES

GROUP "B B"

TWIN or DUAL BRIDGES

CLASS 2 FINISH - BRIDGE SUPERSTRUCTURES - FIG. 804-3

907-804.03.19.7--Finishing Bridge Decks.

907-804.03.19.7.1--General. Concrete bridge decks shall be struck off and finished by the method(s) designated on the plans.

In the event a method is not designated, the Contractor may use either the longitudinal or transverse method subject to the requirements contained in these specifications.

Except when indicated otherwise on the plans, the finish of the bridge deck shall be either a belt finish, a broom finish, or one of the following drag methods: pan, double pan, burlap, or pan and burlap. Manual finishing of the bridge deck shall be performed only in areas inaccessible by the finishing equipment mounted to the strike-off screed, but shall not hinder the requirements for curing in accordance with Subsection 907-804.03.17.1. The surface texture specified and surface requirements shall be in accordance with the applicable requirements of Subsections 501.03.17 and 501.03.18 modified only as the Engineer deems necessary for bridge deck construction operations.

At no time shall water on the surface of the concrete from bleeding, fogging, curing, or other sources be worked into the concrete or used as an aid for finishing.

Regardless of the method of finishing selected, requirements for curing per Subsection 907-804.03.17 shall be completed within the specified time limits. If the requirements in Subsection 907-804.03.17 are not completed within the specific time limits, the Contractor shall cease operations, revise his operations up to and including acquiring new or additional equipment or additional personnel in order to satisfy the requirements in Subsection 907-804.03.17, and, on approval from the Engineer, resume operations

907-804.03.19.7.2--Longitudinal Method. The longitudinal method may be used for repairs to bridge decks or bridge widening projects. For bridge widening projects, curing in accordance with Subsections 907-804.03.17 shall be completed within 30 minutes of initial strike-off for bridges without skew and within 35 minutes of initial strike-off for bridges with skew.

The longitudinal method requires that the strike-off screed be supported on accurately graded and supported bulkheads or templates placed across the full width at the end(s) of the pour. Before the concrete is placed, approved fixed templates or wooden bulkheads of not less than 1¼-inch lumber shall be placed perpendicular to the centerline of the roadway, or in the case of skew bridges at the angle of skew. At least one dry run shall be made the length of each pour with a "tell-tale" device attached to the screed to assure the specified clearance to the reinforcing steel. The upper surface of the template or bulkheads shall be accurately set to conform to the required grade and crown.

Special attention shall be given to the gutter lines where the strike-off screed cannot reach. The gutters shall be finished by hand and tested with the straight edge. Floor drains shall be set lower than the finished gutter line and finished over. After initial set, the concrete shall be dished out and finished around the drains to form an outlet.

After the concrete has been deposited and rough graded, it shall be struck off by means of a strike-off screed resting on the bulkheads or fixed templates. The strike-off screed shall be of a type satisfactory to the Engineer and shall have sufficient strength to retain its shape under all working conditions. The final surface shall comply with the applicable requirements of Subsections 501.03.17.6 and 501.03.18, and unless otherwise specified in the contract, the final finish under this method shall be the belt finish.

In general, the overall strike-off screed should be trussed, with bracing heavy enough to support the weight of a man without deflecting, and should be adjustable for camber and correction of sag.

The strike-off screed will ride on the bulkheads or fixed templates at the ends of the section being finished. Care shall be taken to see that the bulkhead or fixed template elevations are accurately set since the entire span surface will be controlled by them. The manipulation of the screed shall be such that neither end is raised from the bulkheads or templates during the process.

The concrete shall be struck off by beginning at one curb and proceeding entirely across the span. A slight excess of concrete shall be kept in front of the cutting edge at all times. This operation shall be repeated at least three times. In each case, the strike-off screed shall be picked up and carried back to the point of beginning. No backward strokes will be allowed. The strike-off screed shall be moved along the bulkheads or fixed templates with a combined longitudinal and transverse motion. This operation may be manual or mechanical. Standing or walking in the fresh concrete ahead of the strike-off screed will not be permitted.

907-804.03.19.7.3--Transverse Method. The transverse method requires that the screeding equipment be supported on accurately graded and supported rails placed beyond the gutter lines and parallel with the centerline of the bridge.

The machine shall be so constructed and operated as to produce a bridge deck of uniform density with minimum manipulation of the fresh concrete and achieved in the shortest possible time. Manual transverse methods of screeding will not be permitted.

The finishing machine shall be supported on vertically adjustable rails set a sufficient distance from the gutter line to allow free movement of the screed from gutter line to gutter line. Satisfactory means of load distribution with minimum rail deflection shall be provided. The screed rails for a deck pour shall be completely in place for the full length of the pour and shall be firmly secured prior to placing concrete. The screed rails shall be adjusted as necessary to compensate for settlement and deflection occurring during the screeding operations. Supports for the screed rail shall be located directly over slab overhang support brackets as referenced in Subsection 907-804.03.14.1.

At least one dry run shall be made the length of each pour with a "tell-tale" device attached to the screed carriage to assure the specified clearance to the reinforcing steel.

The screed shall be equipped with a metal cutting edge or other approved mechanical means for accurately fine grading the plastic concrete to the required grade and surface smoothness and shall be supported by a bridging structure sufficiently rigid and heavy to perform operations

satisfactorily on concrete of minimum slump without vibration, distortion, and wrecking of forms. The screed shall be mechanically actuated to deliver the screeding action and for travel in a longitudinal direction at a uniform rate along the bridge deck.

The screed shall complete sufficient passes to strike off all of the excess concrete with ample mortar along the entire leading edge to assure filling of low spots. Care shall be taken to remove all objectionable material from the gutters where final hand finishing will be required.

The selection of the transverse method may require the Contractor to furnish bridge deck concrete which contains an approved water-reducing set-retarding admixture in the quantities approved by the Engineer at no additional cost to the State. See Subsection 713.02 for more information.

Other finishing requirements shall be in accordance with the general requirements in Subsection 907-804.03.19.7.1 and as specified on the plans.

907-804.03.19.7.4--Acceptance Procedure for Bridge Deck Smoothness. After the bridge decks and bridge end slabs are completed and preferably before the construction of the bridge railing, they shall be tested for ride quality using a Contractor furnished profilograph. Profile Index Values shall be determined in accordance with Department SOPs and these specifications. The profilograph shall meet the requirements of Subsection 907-804.03.19.7.5. Profiles will be obtained in the wheel paths of the main thru lanes and, where conditions allow, in the wheel paths of any auxiliary lanes or tapers. Profile Index Values for bridge decks and bridge end slabs shall be obtained for all state roads with four lanes or more, on state roads three lanes or less where the current traffic count is 2000 ADT or higher, or as designated on the plans. Ride quality tests will begin at a point where the rearmost wheel of the profilograph is as close to the beginning of the bridge end slab as possible and shall proceed forward across the remainder of the bridge end slab, across the bridge deck and continue across the next bridge end slab to a point where the front-most wheel of the profilograph reaches the far-most edge of the bridge end slab. Bridges and bridge end slabs not requiring a ride quality test must meet a 1/8 inch in 10-foot straightedge requirement in longitudinal and transverse directions. Bridges in horizontal curves having a radius of less than 1000 feet at the centerline and bridges within the superelevation transition of such curves are excluded from a test with the profilograph.

The Profile Index Value for bridge decks including the bridge end slabs shall be averaged for the left and right wheel path for each lane and where applicable, each auxiliary lane and taper, and shall not exceed 65 inches per mile for each lane. Auxiliary lanes, tapers, shoulders and other areas that are not checked with the profilograph, shall meet a 1/8 inch in 10-foot straightedge check made transversely and longitudinally across the deck or slab. In addition, individual bumps or depressions exceeding 0.3 of an inch, when measured from a chord length of 25 feet, shall be corrected and the surface shall meet a 1/8 inch in 10-foot straightedge check made transversely across the deck or slab.

Bridge decks and bridge end slabs not meeting the preceding requirements shall be corrected. Corrective work shall be done at no additional cost to the Department. Corrective work shall consist of grinding the bridge deck in accordance with this specification. All corrective work shall precede final surface texturing. After completion of final surface texturing, all surface areas

corrected by grinding shall be sealed with a nonstaining 40% minimum alkylalkoxysilane penetrating sealant applied per the manufacturer's directions.

In case the bridge end slabs are to be constructed on a future project, the bridge deck(s) alone shall be tested for ride quality using the acceptance procedure outlined above, except that the ride quality test will begin at a point where the rearmost wheel of the profilograph is as close to the beginning of the bridge as possible and shall proceed forward across the bridge deck to a point where the front-most wheel of the profilograph reaches the far-most edge of the bridge.

Expansion joint installation shall be delayed and the joint temporarily bridged to facilitate operation of the profilograph and grinding equipment across the joint wherever feasible.

It shall be the Contractor's responsibility to schedule profilograph testing. The Contractor shall notify the Department at least five (5) days in advance of profilograph testing. The Contractor shall ensure that the area to be tested has been cleaned and cleared of all obstructions. Profilograph testing of bridge decks and bridge end slabs shall be performed by the Contractor under supervision of the Engineer. All profilograph testing shall be performed at no additional cost to the Department. The Contractor will be responsible for traffic control associated with this testing operation.

907-804.03.19.7.4.1--Grinding Bridge Decks.

907-804.03.19.7.4.1.1--Equipment. The grinding equipment shall be a power driven, self-propelled machine that is specifically designed to smooth and texture portland cement concrete pavement 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 3.0 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 cracks, joints, or other locations.

907-804.03.19.7.4.1.2--Grinding. The grinding areas will be determined by the Contractor and approved by the Engineer. The Contractor shall develop and submit to the Engineer for approval a Grinding Plan. The Contractor shall allow up to 45 days for the Department to review the Plan prior to starting any grinding operations. This plan shall include as a minimum:

- 1) Name of the project superintendent in responsible charge of the grinding operation.
- 2) List and description of all equipment to be used.
- 3) Maximum depth of each pass allowed by the grinding equipment.
- 4) Maximum width of each pass allowed by the grinding equipment.
- 5) Details of a sequence of the grinding operation.
- 6) Complete data from Profilograph runs, based on a 0.3 inch bump height, for each wheel path over the entire bridge including bridge end slabs, which shall include profile index,

bump locations (in stations), bump heights and proposed final cross-slopes. When a computerized profilograph is used, a complete printout of the profile including the header information for each wheel path will be required.

- 7) Data showing reinforcing steel clearance in all areas to be ground.
- 8) A detailed drawing of the deck showing areas to be ground with station numbers and grinding depths clearly indicated.
- 9) A description of grinding in areas where drains are in conflict with grind areas.
- 10) Details of any changes in deck drainage, anticipated ponding, etc.

The Engineer will evaluate the grinding plan for conformance with the plans and specifications, after which the Engineer will notify the Contractor of any additional information required and/or changes that may be needed. Any part of the plan that is unacceptable will be rejected and the Contractor shall submit changes for reevaluation. All approvals given by the Engineer shall be subject to trial and satisfactory performance in the field, and shall not relieve the Contractor of the responsibility to satisfactorily complete the work.

The construction operation shall be scheduled and proceed in a manner that produces a uniform finished surface. Grinding will be accomplished in a manner that eliminates joint or crack faults while providing positive lateral drainage by maintaining a constant cross-slope between grinding extremities in each lane. Auxiliary or ramp lane grinding shall transition as required from the mainline edge to provide positive drainage and acceptable riding surface.

The operation shall result in a finished surface that conforms as close as possible to the typical cross-section and the requirements specified in Subsection 907-804.03.19.7.4.1.3.

The Contractor shall establish positive means for removal of grinding residue. Residue shall not be permitted to flow across lanes used by public traffic or into gutters or drainage facilities.

907-804.03.19.7.4.1.3--Final Surface Texture. The grinding process shall produce a finish surface that is as close as possible to grade 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 be approximately 1/16 inch higher than the bottoms of the grooves with approximately 53 to 57 evenly spaced grooves per foot. Grinding chip thickness shall be a minimum of 0.080 inches thick.

The finished bridge decks and bridge end slabs shall be retested for riding quality using a Contractor furnished profilograph meeting the requirements of Subsection 907-804.03.19.7.5. The finished results shall meet the following conditions:

- (a) Individual bumps or depressions shall not exceed 0.3 inches when measured from a chord length of 25 feet.
- (b) The final index value for the bridge deck and bridge end slabs shall be an average of both the right and left wheel paths of each lane and shall not exceed 65 inches per mile.

The final profilogram will be furnished to the Engineer for informational purposes.

907-804.03.19.7.5--Profilograph Requirements. The smoothness of the bridge deck 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 herein with the exception of those locations or specific projects that are excluded from a smoothness test with the profilograph.

The profilograph, furnished and operated by the Contractor under supervision of the Engineer, shall consist of a frame at least 25 feet in length supported upon multiple wheels having no common axle. The wheels shall be arranged in a staggered pattern so that no two wheels will simultaneously cross the same bump. A profile is to be recorded from the vertical movement of a sensing mechanism. This profile is in reference to the mean elevation of the contact points established by the support wheels. The sensing mechanism, located at the mid-frame, may consist of a single bicycle-type wheel or a dual-wheel assembly consisting of either a bicycle-type (pneumatic tire) or solid rubber tire vertical sensing wheel and a separate bicycle-type (pneumatic tire) longitudinal sensing wheel. The wheel(s) shall be of such circumference(s) to produce a profilogram recorded on a scale of one (1) inch equal to 25 feet longitudinally and one (1) inch equal to one (1) inch (full scale) vertically. Motive power may be provided manually or by the use of a propulsion unit attached to the center assembly. In operation, the profilograph shall be moved longitudinally along the pavement at a speed no greater than 3 MPH so as to reduce bounce as much as possible. The testing equipment and procedure shall comply with the requirements of Department SOP.

The Contractor may elect to use a computerized version of the profilograph in lieu of the standard profilograph. If the computerized version of the profilograph is used, it shall meet the requirements of Subsection 907-804.03.19.7.5.1.

907-804.03.19.7.5.1--Computerized Profilograph.

907-804.03.19.7.5.1.1--General The computerized profilograph, furnished and operated by the Contractor under the supervision of the Engineer, shall be equipped with an on-board computer capable of meeting the following conditions.

Vertical displacement shall be sampled every three (3) inches or less along the bridge deck. The profile data shall be bandpass filtered in the computer to remove all spatial wavelengths shorter than two (2) feet. This shall be accomplished by a third order, low pass Butterworth filter. The resulting band limited profile will then be computer analyzed according to the California Profilograph reduction process to produce the required inches per mile index. This shall be accomplished by fitting a linear regression line to the length of bridge. This corresponds to the perfect placement of the blanking band bar by a human trace reducer. Scallops above and below the blanking band are then detected and totaled according to the California protocol. Bump/Dip analysis shall take place according to the California Profilograph reduction process.

The computerized profilograph shall be capable of producing a plot of the profile and a printout which will give the following data: Stations every twenty five (25) feet, bump/dip height and bump/dip length of specification (3/10 of an inch and 25 feet respectively), the blanking band width, date of measurement, total profile index in inches per mile for the measurement, total length

of the measurement, and the raw inches for each segment.

907-804.03.19.7.5.1.2--Mechanical Requirements. The profilograph shall consist of a frame twenty five (25) feet long supported at each end by multiple wheels. The frame shall be constructed to be easily dismantled for transporting. The profilograph shall be constructed from aluminum, stainless steel and chromed parts. The end support wheels shall be arranged in a staggered pattern such that no two wheels cross a transverse joint at the same time. The relative smoothness shall be measured by the vertical movement of an eight (8) inch or larger diameter sensing wheel at the midpoint of the 25-foot frame. The horizontal distance shall be measured by a twenty (20) inch or larger diameter pneumatic wheel. This profile shall be the mean elevation referenced to the twelve points of contact with the pavement established by the support wheels. Recorded graphical trace of the profile shall be on a scale of one inch equals one inch (full scale) vertical motion of the sensing wheel and one inch equals 25 feet horizontal motion of the profilograph.

907-804.03.19.7.5.1.3--Computer Requirements. The computer shall have the ability to produce output on sight for verification. The computerized output shall indicate the profile index for each specified section of bridge deck. Variable low and high pass third-order Butterworth filtering options shall be available. The printout shall be capable of showing station marks automatically on the output. Blanking band positioning for each specified section of the bridge deck shall be placed according to the least squares fit line of the collected data. Variable bump and dip tests shall be available to show "must correct" locations on the printout. The computer must have the ability to display on screen "must correct" conditions and alert the user with an audible warning when a "must correct" location has been located. The computer must have the ability to store profile data for later reanalysis. The measurement program must be menu driven and PC compatible. User selected options, identification, calibration factors, and time and date stamps shall be printed at the top of each printed report for verification. The control software must be upgradeable. A power source shall be included for each profilograph and be capable of supplying all power needs for a full days testing.

907-804.03.19.8--Finishing Horizontal Surfaces of Footings or Top Slabs of Box Bridges, Culverts, or Other Structures. The finishing of horizontal surfaces of footing or top slabs of box bridges, culverts, or other structures shall be achieved by placing an excess of material in the form and removing or striking off the excess with a template, forcing the coarse aggregate below the mortar surface. After the concrete has been struck off the surface shall be given a Class 6 finish.

907-804.03.19.9--Finishing Exposed Surfaces of Sidewalks. After the concrete has been deposited in place it shall be consolidated and the exposed surface shall be given a Class 6 finish. An edging tool of the required radius shall be used on all edges and at all expansion joints. The surface shall have a granular texture which will not be slick when wet.

Sidewalk surfaces shall be laid out in blocks with an approved grooving tool as shown on the plans or as directed.

907-804.03.20--Opening Bridges.

907-804.03.20.1--Public Traffic. Unless otherwise specified, concrete bridge decks shall be closed to public highway traffic for a period of at least 21 days after placing concrete.

907-804.03.20.2--Construction Traffic. Unless otherwise specified, concrete bridge decks shall be closed to construction traffic for the time required for curing in Subsection 907-804.03.17 and the minimum required compressive strength for the concrete placed is obtained.

907-804.03.21--Final Cleanup. Upon completion of the work all equipment, surplus materials, forms, and waste material shall be removed, the bridge cleaned, and the site of the work given a final cleanup.

907-804.03.22--Precast-Prestressed Concrete Bridge Members.

907-804.03.22.1--General. All installations and plants for the manufacture of precast-prestressed bridge members shall be PCI (Precast / Prestressed Concrete Institute) Certified. Bridge members manufactured in plants or installations not so approved will not be accepted for use in the work. The Contractor or other manufacturer shall employ a technician skilled in the adopted system of prestressing to supervise the manufacturing operations. This technician shall be certified according to the guidelines of this specification. The Contractor shall develop and implement a Quality Control Program as per Division I of PCI Quality Control Manual, 4th Edition. The Quality Control Program shall be submitted to the District Materials Engineer for approval.

907-804.03.22.2--Stressing Requirements. The jacks for stressing shall be equipped with accurate calibrated gauges for registering the jacking pressure. Means shall be provided for measuring elongation of strands to at least the nearest 1/16 inch.

Prior to beginning work, the Contractor or manufacturer shall have all jacks to be used, together with their gauges, calibrated by an approved laboratory. All jacks and gauges shall have an accuracy of reading within two percent. The testing agency shall furnish the Engineer a statement certifying that the jacks and gauges meet this requirement. During the progress of the work, if a gauge appears to be giving erratic results or if the gauge pressure and elongations indicate materially differing stresses, recalibration will be required.

Calibration of jacks and gauges shall be repeated at intervals deemed necessary by the Engineer. These intervals for calibration shall not exceed one year.

Shop drawings of prestressed beams, including an erection plan, shall be submitted in duplicate to the Bridge Engineer for approval prior to manufacture of members.

907-804.03.22.2.1--Methods. Plans for the particular bridge members will show prestressing by one of the following methods:

(A) Pretensioning. The prestressing strands are stressed initially. After the concrete is placed, cured, and has attained the compressive strength shown on the plans, the stress is transferred to the member. The method used for pretensions shall be in accordance to Division V of PCI Quality Control Manual, 4th Edition.

(B) Posttensioning. The posttensioning tendons are installed in voids or ducts and are stressed and anchored after development of the compressive strength specified on the plans. The voids or ducts are then pressure grouted.

(C) Combined Method. Part of the reinforcing is pretensioned and part posttensioned. Under this method all applicable requirements for the two methods specified shall apply to the respective stressing elements being used.

907-804.03.22.2.2--Alternate Details for Prestressed Members. In the event that the Contractor / Manufacturer desires to use materials or methods that differ in any respect from those shown on the plans or described in these specifications, the Contractor shall submit for approval full plan details on acceptable tracings suitable for reproduction and specifications which shall become the property of the Department. In order for alternate materials and/or methods to be considered, they will be required to comply fully with the following:

- A. Provisions equal to those stipulated in these specifications.
- B. Current AASHTO Specifications.
- C. Recommendations of materials manufacturer.
- D. Camber tolerance of beams and spans shown on plans.

Note: Alternate materials and methods will not be authorized on Federal-Aid Projects.

The Engineer shall be the sole judge as to the adequacy and propriety of any variation of materials or methods.

907-804.03.22.2.3--Stressing Procedure.

(A) General. Stressing shall be performed by suitable jacks working against unyielding anchorages and capable of maintaining the required stress for an indefinite period without movement or yielding. Strands may be stressed singularly or in a group.

The tension to be applied to each strand shall be as shown on the plans. The tension shall be measured by both jacking gauges and elongations in the strands and the result shall check within close limits.

It is anticipated that there will possibly be a difference in indicated tension between jack pressure and elongation of about five (5) percent. In this event, the discrepancy shall be placed on the side of slight overstress rather than understress.

In the event of an apparent discrepancy between gauge pressure and elongation of as much as five (5) percent, the entire operation shall be carefully checked, and the source of error determined before proceeding further.

Elongation is to be measured after the strands have been suitably anchored, and all possible slippage at the anchorages has been eliminated.

In all stressing operations, the stressing force shall be kept as nearly symmetrical about the vertical axis of the member as practicable.

(B) Pretensioning. All strands to be prestressed shall be brought to a uniform initial tension prior to being given their full pretensioning. This uniform initial tension of approximately 1000 to 2000 pounds shall be measured by suitable means such as a dynamometer so that its value can be used as a check against elongation computed and measured.

After the initial tensioning, the strand or group shall be stressed until the required elongation and jacking pressure is within the limits specified.

When the strands are stressed in accordance with the plan requirements and these specifications and all other reinforcing is in place, the concrete shall be placed in the prepared forms.

Strand stress shall be maintained until the concrete between anchorages has attained the required compressive strength as determined by cylinder tests, after which the strands shall be cut off flush with the ends of column members, and cut as shown on the plans for beams, girders, etc. Strands shall be cut or released in such a manner that eccentricity of prestress will be kept to a minimum and no damage to the member will result. The strand cutting pattern shall be as shown on the plans or as approved by the Bridge Engineer.

(C) Posttensioning. For all posttensioning tendons/bars the anchor plates shall set exactly normal in all directions to the axis of the tendon/bar. Parallel wire anchorage cones shall be recessed within the beams. Tensioning shall not take place until the concrete has reached the compressive strength shown on the plans.

Elongation and jacking pressures shall make appropriate allowance for all possible slippage or relaxation of the anchorage. Posttensioning tendons/bars shall be stressed in the order and manner shown on the plans.

The units shall be tensioned until the required elongations and jacking pressures are attained and reconciled within the limits specified in Subsection 907-804.03.22.2.3(A) with such overstresses as approved by the Engineer for anchorage relaxation.

Independent references shall be established adjacent to each anchorage to indicate any yielding or slippage that may occur between the time of initial stressing and final release of the strands.

Straight tendons/bars may be tensioned from one end. Unless otherwise specified, curved tendons shall be stressed by jacking from both ends of the tendons.

(D) Combined Method. In the event that girders are manufactured with part of the reinforcement pretensioned and part posttensioned, the applicable portions of the requirements listed herein shall apply to each type.

907-804.03.22.3--Manufacture.

907-804.03.22.3.1--Forms. The forms used for precast-prestressed bridge members shall meet the requirements of Division II of the PCI Quality Control Manual, 4th Edition.

907-804.03.22.3.2--Placing and Fastening Steel. Placing and fastening of all steel used for precast-prestressed bridge members shall meet the requirements of Division V of the PCI Quality Control Manual, 4th Edition.

907-804.03.22.3.3--Holes for Prestressing Tendons/Bars. Holes provided in girders for prestressing tendons/bars shall be formed by means of inflatable rubber tubing, flexible metal conduit, metal tubing, or other approved means.

907-804.03.22.4--Placing and Curing Concrete.

907-804.03.22.4.1--Placing. The placing of concrete shall meet the applicable requirements of Division III of PCI Quality Control Manual, 4th Edition.

907-804.03.22.4.2--Curing. Initial and accelerated curing of all members shall meet the applicable requirements of Division IV of PCI Quality Control Manual, 4th Edition except for the following listed requirements.

The source of heat for accelerated cure shall be steam. Calibrated thermocouples shall be implanted into the concrete members to monitor areas expected to have maximum and minimum heat. Curing methods and procedures listed in the prestress producer's PCI Quality System Manual shall be approved by the Department before their implementation.

907-804.03.22.4.3--Removal of Side Forms. Side forms may be removed after the concrete has attained sufficient strength to maintain a true section. In order to obtain "sufficient strength", it may be necessary to cure members for 12 hours or more as prescribed in Subsection 907-804.03.22.4.2, or to attain a minimum compressive strength of 1000 psi.

If high-early-strength concrete is obtained by use of low slump (0 to 1.5-inch) concrete, vacuum process, or other approved methods, side forms may be removed earlier; however, approval of the methods and revision from normal schedules will be made only after inspections by the District Materials Engineer and Materials Division have determined that satisfactory results will be attained by the methods and schedules proposed.

907-804.03.22.4.4--Grouting. The holes through posttensioned members in which the tendons are installed shall be equipped with approved grouting vents. All prestressing tendons to be bonded shall be free of dirt, loose rust, grease, or other deleterious substances. Before grouting, the ducts shall be free of water, dirt, and other foreign substances. The ducts shall be blown out with compressed air until no water comes through the ducts. For long members with draped tendons an open tap at low points may be necessary. After completion of stressing, the annular space between sides of tendon and sides of hole shall be grouted as set in the following paragraphs.

With the grouting vent open at one end of the core hole, grout shall be applied continuously under moderate pressure at the other end until all entrapped air is forced out through the open grout vent, as evidenced by a steady stream of grout at the vent. Whereupon, the open vent shall be closed under pressure. The grouting pressure shall be gradually increased to a refusal of at least 75 psi and held at this pressure for approximately 10 seconds, and the vent shall then be closed under this pressure.

Portland cement grout shall consist of a mixture of:

- 1 part Type 1 portland cement
- 1/4 part fly ash
- 3/4 part washed sand *
- 4 to 6 gallons of water per bag of cement.

* all passing No. 16 sieve and not more than 5% retained on No. 30

Water-reducing admixtures, 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 kept agitated until placed.

Members shall not be moved before the grout has set, ordinarily at least 24 hours at 80°F or higher.

907-804.03.22.5--Finishing and Marking. Units shall be given a Class 1 finish at the plant and shall be given a Class 2 finish after erection when required.

Recesses in girders at end of diaphragm bars, holes left by form ties, and other surface irregularities shall be carefully cleaned and patched with an approved non-shrink commercial grout or a non-shrinkage mortar of the following composition:

- 1 part Type 1 portland cement
- 1 1/2 to 2 parts fine sand
- 1/2 to 3/4 ounces aluminum powder per bag of cement
- Approved admixture per Subsection 713.02.
- Sufficient water to produce a workable but rather stiff mix.

The units shall be clearly marked in accordance with Department's *Materials Division Inspection, Certification and Testing Manual*.

907-804.03.22.6--Handling, Storage, and Installation. Posttensioned members may be handled immediately after completion of stressing and grout has set. Pretensioned members may be handled immediately after release of tensioning. In either case, the members shall have developed a minimum compressive strength of 4000 psi prior to handling. In the event stressing is not done in a continuous operation, members shall not be handled before they are sufficiently stressed, as determined by the Engineer, to sustain all forces and bending moments due to handling. In the

handling, storage, and transporting of beams or girders, they shall be maintained in an upright position (position as cast) at all times and shall be picked up from points within distance from beam ends equal to beam depth or at pick-up points designated on the plans. Disregard of this requirement and dropping of units may be cause for rejection, whether or not injury to the unit is apparent. Piles shall be picked up and loaded for shipment at points shown by the suspension diagram on the plans. Extreme care shall be used in handling and storing piles to prevent damage. The dropping of a pile may be cause for rejection of same, whether or not there is apparent injury to the member.

Care shall be exercised during the storage, hoisting, and handling of precast units to prevent damage. Damaged units shall be replaced by the Contractor at no additional costs to the State.

When members are stacked for storage, each layer shall be supported at or near the pick-up points. Supports shall be carefully placed in a vertical line in order that the weight of any member will not stress an underlying member. To prevent damage in moving members it is suggested that rigid supports be covered with a cushion of wood or other resilient material.

Members shall not be transported until at least one day after the concrete has reached a compressive strength of 5000 psi or greater strength when shown on the plans.

Piles used in salt water shall not be driven until concrete is seven days old, and air-entrained concrete shall be used in such piles.

After prestressed concrete voided slab units are set, doweled and bolted in their final position the keyways and dowel holes shall be filled with an approved non-shrink grout. Traffic shall not be permitted on the spans for 24 hours after grouting, and heavy construction equipment exceeding 15 tons will not be permitted on the spans for a period of 72 hours after grouting.

Adjacent slab units that mismatch more than one-fourth inch shall be adjusted prior to grouting of the shear keys. The maximum deviation from cross-section and grade (exclusive of camber) at any point shall not exceed one-fourth inch; and when the surface is checked with a ten-foot straightedge applied both parallel and perpendicular to the centerline, the variance shall not exceed one-fourth inch.

In addition to the requirements set out in this section, the applicable requirements of Section 803 shall apply.

907-804.03.22.7--Tolerances for Accepting Precast Prestressed Concrete. Member shall meet the dimension tolerances set by Division VII of PCI Quality Control Manual, 4th Edition.

907-804.03.22.8--Testing of Materials. Concrete and aggregate testing shall meet the requirements of Division VI of PCI Quality Control Manual, 4th Edition, except that the concrete mixture design shall meet the requirements of Subsection 907-804.02.10. Also, in addition to concrete compressive tests samples made for detensioning and 28-day strength, test samples shall be made and tested in order to prove compliance to the requirements of Subsection 907-804.03.22.6 for handling and shipping prestressed members. Compressive strength test cylinders

for detensioning, handling and shipping shall receive the same type curing as the prestressed members for which they represent. Compressive strength samples shall be made each day for each prestress casting bed.

907-804.03.22.9--Testing Personnel. Technicians testing portland cement concrete used in the production of precast-prestressed members shall be PCI Quality Control Technician/Inspector Certified. Each producer of precast-prestressed members shall have at least one PCI Level II certified technician on site during production for Department projects.

907-804.03.22.10--Documentation. The Precast-Prestressed Producer for each precast-prestressed concrete bridge member shall maintain documentation as set forth in the Department's *Materials Division Inspection, Certification and Testing Manual*. Testing and inspection record forms shall be approved by the Central Laboratory and as a minimum contain information listed in Division VI of PCI Quality Control Manual, 4th Edition.

907-804.03.22.11--Use in the Work. Before any precast-prestressed member is incorporated into the work, documentation as described in Subsection 907-804.03.22.10 is required along with visual inspection of the member at the bridge construction site. Project Office personnel as per the Department's *Materials Division Inspection, Certification and Testing Manual* will make visual inspection of the precast-prestressed member at the bridge construction site.

907-804.04--Method of Measurement. Concrete, complete and accepted, will be measured in cubic yards. The concrete volume will be computed from the neat dimensions shown on the plans, except for such variations as may be ordered in writing by the Engineer. The quantity of concrete involved in fillets, scorings, and chamfers one square inch or less in cross-sectional area will be neglected. Deductions shall be made for the following:

- (1) The volume of structural steel, including steel piling encased in concrete.
- (2) The volume of timber piles encased in concrete, assuming the volume to be 0.80 cubic foot per linear foot of pile.
- (3) The volume of concrete piles encased in concrete.

No deduction will be made for the volume of concrete displaced by steel reinforcement, floor drains, or expansion joint material that is one inch or less in width normal to the centerline of the joint. Where railing is bid as a separate item, that portion of the railing above the top of the curb, above the surface of the sidewalk, or above the bridge roadway, as the case may be, will not be included in the measurement of concrete, but will be measured as railing. Massive pylons or posts which are to be excepted from payment for railing and are intended to be measured for as concrete will be so noted on the plans.

When shown on the plans or directed by the Engineer, concrete placed as a seal for cofferdams will be measured by the cubic yard actually in place, except that no measurement will be made of seal concrete placed outside of an area bounded by vertical planes 18 inches outside the neat lines of the footing as shown on the plans or as directed and parallel thereto.

Reinforcing steel will be measured and paid for in pounds as set out in Section 805.

Unless otherwise specified, structural steel will be measured and paid for as set out in Section 810.

Excavation for bridges will be measured and paid for as in Section 801.

Piling will be measured and paid for as set out in Sections 802 and 803.

Railing will be measured and paid for as set out in Section 813.

Prestressed concrete beams and plank will be measured by the linear foot.

Prestressed concrete voided slab units, interior and exterior with railing, and precast concrete caps, intermediate and end cap with winged abutment wall, of the size and type specified will be measured by the unit complete in place and accepted. Railing, winged abutment walls, grout, tie rods, nuts, washers, bearing pads and other appurtenances will not be measured for separate payment.

907-804.05--Basis of Payment. Concrete will be paid for at the contract unit price per cubic yard for the class or classes specified, complete in place. Prestressed concrete beams and plank will be paid for at the contract unit per linear foot of specified size and type.

Prestressed concrete voided slab units and precast caps will be paid for at the contract unit price per each for the specified types and sizes, complete in place and accepted; which price shall be full compensation for furnishing, hauling and erecting the members; including all prestressing reinforcement and other reinforcement in the members. Payment at the contract unit prices bid shall be full compensation for furnishing all materials, equipment, tools, labor and incidentals necessary to complete the work.

Payment will be made under:

907-804-A: Bridge Concrete, Class ____	- per cubic yard
907-804-B: Box Bridge Concrete, Class ____	- per cubic yard
907-804-C: <u>Length</u> Prestressed Concrete Beam, Type ____	- per linear foot
907-804-D: <u>Length</u> Prestressed Concrete Plank	- per linear foot
907-804-E: <u>Length</u> Prestressed Concrete Voids Slab, <u>Size</u> Interior	- per each
907-804-F: <u>Length</u> Prestressed Concrete Voids Slab, <u>Size</u> Exterior	- per each
907-804-G: <u>Length</u> Precast Concrete Caps, End Unit with Wall	- per each
907-804-H: <u>Length</u> Precast Concrete Caps, Intermediate Unit	- per each

Contract Progress Schedule

Fourth Street Roadway Improvements - Phase II

HPP-7194-00(003)LPA/105845-801000
City of Hattiesburg, Forrest County

LINE NO	WORK ELEMENTS	2017												2018																	
		August			September			October			November			December			January			February			March								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	Clearing & Grubbing																														
2	Demolition and Removal																														
3	Erosion Control																														
4	Waterline Adjustments																														
5	Drainage																														
6	Widening																														
7	Curb & Gutter																														
8	Sidewalk																														
9	Driveways																														
10	Milling																														
11	Base Asphalt																														
12	Surface Asphalt																														
13	Temporary Striping																														
14	Crosswalks / Island Pavement																														
15	Permanent Striping																														
16	Traffic Signal (Inc. Burn)																														
17	Grassing / Landscaping																														
Anticipated Working Days Per Month		21			20			16			11			5			6			7			11								

SECTION 905 PROPOSAL

Date 3-16-17

City of HATTIESBURG, Mississippi
Forrest County, Mississippi

Sirs: The following proposal is made on behalf of BUSH CONSTRUCTION COMPANY, INC.
of P.O. Box 8337 LAUREL, MS 39441-8337
for constructing the following designated project(s) within the time(s) hereinafter specified.

The plans are composed of drawings and blue prints on file in the offices of:

THE CITY CLERK'S OFFICE OF THE CITY OF HATTIESBURG, MS 200 FORREST STREET
HATTIESBURG, MISSISSIPPI

The Specifications are the current Standard Specifications of the Mississippi Department of Transportation approved by the Federal Highway Administration, except where superseded or amended by the plans, Special Provisions and Notice(s) to Bidders attached hereto and made a part thereof.

I (We) certify that I (we) possess a copy of said Standard and Supplemental Specifications.

Evidence of my (our) authority to submit the Proposal is hereby furnished. The proposal is made without collusion on the part of any person, firm or corporation. I (We) certify that I (we) have carefully examined the Plans, the Specifications, including the Special Provisions and Notice(s) to Bidders, herein, and have personally examined the site of the work. On the basis of the Specifications, Special Provisions, Notice(s) to Bidders, and Plans, I (we) propose to furnish all necessary machinery, tools, apparatus and other means of construction and do all the work and furnish all the materials in the manner specified. I (We) understand that the quantities mentioned herein are approximate only and are subject to either increase or decrease, and hereby propose to perform any increased or decreased quantities of work at the unit prices bid, in accordance with the above.

Attached hereto is a certified check, cashier's check or Proposal Guaranty Bond in the amount as required in the Advertisement (or, by law).

INSTRUCTION TO BIDDERS: Alternate and Optional Items on Bid Schedule.

1. Two or more items entered opposite a single unit quantity WITHOUT DEFINITE DESIGNATION AS "ALTERNATE ITEMS" are considered as "OPTIONAL ITEMS". Bidders may or may not indicate on bids the Optional Item proposed to be furnished or performed WITHOUT PREJUDICE IN REGARD TO IRREGULARITY OF BIDS.
2. Items classified on the bid schedule as "ALTERNATE ITEMS" and/or "ALTERNATE TYPES OF CONSTRUCTION" must be preselected and indicated on bids. However, "Alternate Types of Construction" may include Optional Items to be treated as set out in Paragraph 1, above.
3. Optional items not preselected and indicated on the bid schedule MUST be designated in accordance with Subsection 102.06 prior to or at the time of execution of the contract.
4. Optional and Alternate items designated must be used throughout the project.

I (We) further propose to perform all "force account or extra work" that may be required of me (us) on the basis provided in the Specifications and to give such work my (our) personal attention in order to see that it is economically performed.

SECTION 905 PROPOSAL (Continued)

I (We) further propose to execute the attached contract agreement (Section 902) as soon as the work is awarded to me (us), and to begin and complete the work within the time limit(s) provided for in the Specifications and Advertisement. I (We) also propose to execute the attached contract bond (Section 903) in an amount not less than one hundred (100) percent of the total of my (our) part, but also to guarantee the excellence of both workmanship and materials until the work is finally accepted.

I (We) enclose a certified check, cashier's check or bid bond for five percent (5%) of the total bid and hereby agree that in case of my (our) failure to execute the contract and furnish bonds within Ten (10) days after notice of award, the amount of this check (bid bond) will be forfeited to the Local Public Agency as liquidated damages arising out of my (our) failure to execute the contract as proposed. It is understood that in case I am (we are) not awarded the work, the check will be returned as provided in the Specifications.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO. <u>1</u>	DATED <u>03/13/2017</u>	ADDENDUM NO. _____	DATED _____
ADDENDUM NO. _____	DATED _____	ADDENDUM NO. _____	DATED _____

1. Replace Sheet 905-2 in the Special Provision, Proposal and Contract Documents with the attached Sheet 905-2.
2. Replace sheets 905-3 thru 905-6 in the Special Provision, Proposal and Contract Documents with attached Sheet 905-3 thru 905-6.

TOTAL ADDENDA: 1
(Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE MARCH 16, 2017

BUSH CONSTRUCTION COMPANY, INC.
Contractor
BY [Signature], PRESIDENT
Signature

TITLE PRESIDENT

ADDRESS P.O. Box 8337 LAUREL, MS 39441-8337

(To be filled in if a corporation)

Our corporation is chartered under the Laws of the State of Mississippi and the names, titles and business addresses of the executives are as follows:

<u>MATTHEW W. DAVIS</u> President	<u>P.O. Box 8337 LAUREL, MS 39441-8337</u> Address
<u>WINDSEL PHILLIPS</u> Secretary	<u>P.O. Box 8337 LAUREL, MS 39441-8337</u> Address
<u>WINDSEL PHILLIPS</u> Treasurer	<u>P.O. Box 8337 LAUREL, MS 39441-8337</u> Address

The following is my (our) itemized proposal.

Revised 11/2008

SECTION 905 PROPOSAL (Bid Sheet No. 3-7)

PROJECT NUMBER: HPP-7194-00(003) LPA / 105845-801000

COUNTY: FORREST

PROJECT DESCRIPTION: FOURTH STREET ROADWAY IMPROVEMENTS PROJECT - PHASE II

I (We) agree to complete the entire project within the specified contract time.

***** SPECIAL NOTICE TO BIDDERS *****

BIDS WILL NOT BE CONSIDERED UNLESS BOTH UNIT PRICES AND ITEM TOTALS ARE ENTERED.

BIDS WILL NOT BE CONSIDERED UNLESS THE BID CERTIFICATE LOCATED AT THE END OF THE BID SHEETS IS SIGNED.

BID SCHEDULE					
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
201-A001	1	LS	CLEARING AND GRUBBING	XXXX	33,360 ⁸²
202-A001	1	LS	REMOVAL OF OBSTRUCTIONS	XXXX	11,670 ⁰⁷
202-B005	2,615	SY	REMOVAL OF ASPHALT PAVEMENT, ALL DEPTHS	4 ⁵⁹	12,002 ⁸⁵
202-B030	585	SY	REMOVAL OF CONCRETE PAVEMENT, ALL DEPTHS	5 ³⁶	3,135 ⁶⁰
202-B035	290	SY	REMOVAL OF CONCRETE SIDEWALK	4 ⁷¹	1,365 ⁹⁰
202-B038	3165	LF	REMOVAL OF CURBS, ALL TYPES	3 ⁰⁶	9,684 ⁹⁰
202-B057	6	EACH	REMOVAL OF INLETS, ALL SIZES	352 ¹⁸	2,113 ⁰⁸
202-B064	405	LF	REMOVAL OF PIPE, 8" AND ABOVE	11 ³⁹	4,612 ⁹⁵
203-A003	200	CY	UNCLASSIFIED EXCAVATION, FM, AH	22 ⁸⁵	4,570 ⁰⁰
203-EX038	600	CY	BORROW EXCAVATION, AH, FME, CLASS B7-6	19 ⁷⁹	11,874 ⁰⁰
203-G003	750	CY	EXCESS EXCAVATION, FM, AH	14 ³²	10,740 ⁰⁰
206-A001	960	CY	STRUCTURE EXCAVATION	14 ³²	13,747 ²⁰
209-A004	3,430	SY	GEOTEXTILE STABILIZATION, TYPE V, NON-WOVEN	0 ⁸⁷	2,984 ¹⁰
211-B001	375	CY	TOPSOIL FOR SLOPE TREATMENT, CONTRACTOR FURNISHED	37 ⁵⁵	14,081 ²⁵
211-D001	45	CY	TOPSOIL FOR PLANT PITS, CONTRACTOR FURNISHED	20 ⁰⁰	900 ⁰⁰
907-216-B001	2,100	SY	SOLID SODDING, CENTIPEDE	3 ⁸⁵	8,085 ⁰⁰
219-A001	350	KGAL	WATERING	\$20.00	\$7,000.00
220-A001	1	ACRE	INSECT PEST CONTROL	750 ⁰⁰	750 ⁰⁰
907-230-A044	245	EACH	SHRUB PLANTING, PARSONS JUNIPER	7 ⁰⁰	1,715 ⁰⁰
907-230-B076	5	EACH	TREE PLANTING, SAVANNAH HOLLY	350 ⁰⁰	1,750 ⁰⁰
907-230-B087	12	EACH	TREE PLANTING, CRAPE MYRTLE 'SIOUX'	350 ⁰⁰	4,200 ⁰⁰
907-230-D001	975	SF	BED PREPARATION	1 ¹⁵	1,121 ²⁵
232-A003	1	K	FERTILIZER FOR WOODY PLANT MATERIAL, TABLET, 10 G	100 ⁰⁰	100 ⁰⁰
234-A001	500	LF	TEMPORARY SILT FENCE	5 ²²	2,510 ⁰⁰

BID SCHEDULE					
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
907-237-A002	200	LF	WATTLES, 12"	4 ¹⁰	820 ⁰⁰
907-246-A001	200	LF	SANDBAGS	8 ⁵⁵	1,710 ⁰⁰
			ALTERNATE GROUP AA NUMBER 1		
907-304-G001	850	CY	SIZE 825B CRUSHED STONE BASE, AEA		
			ALTERNATE GROUP AA NUMBER 2		
907-304-G003	850	CY	3/4" AND DOWN CRUSHED STONE BASE, AEA		
			ALTERNATE GROUP AA NUMBER 3		
907-304-G002	850	CY	SIZE 610 CRUSHED STONE BASE, AEA	83 ²²	70,737 ⁰⁰
907-403-A023	515	TON	12.5-mm, MT, ASPHALT PAVEMENT	91 ³⁰	47,019 ⁵⁰
907-403-A024	610	TON	19-mm, MT, ASPHALT PAVEMENT	96 ⁰¹	58,566 ¹⁰
907-403-A022	550	TON	9.5-mm, MT, ASPHALT PAVEMENT	100 ⁹⁰	55,495 ⁰⁰
907-403-B017	1,100	TON	12.5-mm, MT, ASPHALT PAVEMENT, LEVELING	91 ³⁰	100,430 ⁰⁰
406-A001	1,025	SY	COLD MILLING OF BITUMINOUS PAVEMENT, ALL DEPTHS	13 ⁸⁹	14,237 ²⁵
907-407-A001	500	GAL	ASPHALT FOR TACK COAT	6 ²⁴	3,120 ⁰⁰
907-601-B003	57	CY	CLASS "B" STRUCTURAL CONCRETE, MINOR STRUCTURES	1,558 ⁹⁰	88,857 ³⁰
907-601-B004	1	CY	CLASS "C" STRUCTURAL CONCRETE, MINOR STRUCTURES	1,558 ⁹⁰	1,558 ⁹⁰
602-A001	4,680	LBS	REINFORCING STEEL	2 ⁴³	11,372 ⁴⁰
603-A039	10	LF	14" STEEL PIPE, WALL THICKNESS 0.375"	169 ⁹⁴	1,699 ⁴⁰
603-B002	20	LF	4" CAST IRON PIPE, CLASS I	26 ⁴⁴	528 ⁸⁰
603-CA088	8	LF	18" REINFORCED CONCRETE PIPE, CLASS III, RUBBER TYPE GASKETS	52 ⁵³	420 ²⁴
603-CA089	14	LF	24" REINFORCED CONCRETE PIPE, CLASS III, RUBBER TYPE GASKETS	73 ⁹⁵	1,035 ³⁰
603-CA129	12	LF	15" REINFORCED CONCRETE PIPE, CLASS III, RUBBER TYPE GASKETS	69 ²⁴	830 ⁸⁸
603-CE039	1,415	LF	22"x13" CONCRETE ARCH PIPE, CLASS A III, FLEXIBLE TYPE GASKETS	43 ³²	61,427 ⁷⁶
603-CE041	193	LF	29"x18" CONCRETE ARCH PIPE, CLASS A III, FLEXIBLE TYPE GASKETS	72 ⁷⁹	14,048 ⁴⁷
603-CF002	1	EACH	29"x18" CONCRETE ARCH PIPE END SECTION	966 ⁷⁴	966 ⁷⁴
604-A001	1,343	LBS	CASTINGS	1 ⁸⁷	2,511 ⁴¹
604-B001	340	LBS	GRATINGS	2 ⁸⁷	975 ⁸⁰
907-604-PP005	56	LF	TRENCH DRAIN, PER PLANS	160 ⁶⁵	8,996 ⁴⁰
608-A001	790	SY	CONCRETE SIDEWALK, WITHOUT REINFORCEMENT	50 ⁰⁰	39,500 ⁰⁰
907-608-E002	1,520	SF	ASPHALT PAVEMENT TEXTURING	7 ¹⁹	10,928 ⁸⁰
609-B001	94	LF	CONCRETE CURB, HEADER	18 ⁰⁰	1,692 ⁰⁰
609-D008	3,225	LF	COMBINATION CONCRETE CURB AND GUTTER, TYPE 3A	22 ⁰⁰	70,950 ⁰⁰
613-D005	5	EACH	ADJUSTMENT OF MANHOLES	838 ⁴⁷	4,192 ³⁵

BID SCHEDULE					
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
614-B002	703	SY	CONCRETE DRIVEWAY, WITH REINFORCEMENT, 6-INCH THICKNESS	50 ⁰⁰	35,150 ⁰⁰
907-616-C003	180	SF	COLOR AND IMPRINTED CONCRETE MEDIAN AND/OR ISLAND PAVEMENT, 10-INCH THICKNESS	37 ⁴¹	6,733 ⁸⁰
907-618-A001	1	LS	MAINTENANCE OF TRAFFIC	XXXX	10,884 ⁴³
907-618-B001	1	SF	ADDITIONAL CONSTRUCTION SIGNS	\$10.00	\$10.00
620-A001	1	LS	MOBILIZATION	XXXX	91,916 ²⁶
630-A001	69	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	36 ¹⁷	2,495 ⁷³
630-A002	9	SF	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.125" THICKNESS	48 ⁶⁴	437 ⁷⁶
630-C004	168	LF	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	18 ⁷¹	3,143 ²⁸
653-B001	50	SF	STREET NAME SIGN, ENCAPSULATED LENS	0 ⁰¹	0 ⁵⁰
907-699-A002	1	LS	ROADWAY CONSTRUCTION STAKES	XXXX	39,375 ⁰⁰
815-B001	40	SY	GROUTED RIPRAP	104 ⁹²	4,196 ⁸⁰
815-E001	40	SY	GEOTEXTILE UNDER GROUTED RIPRAP, TYPE V, NON-WOVEN	16 ⁹	67 ⁶⁰
907-626-D004	1,150	LF	6" THERMOPLASTIC TRAFFIC STRIPE, SKIP YELLOW	0 ⁷⁵	862 ⁵⁰
907-626-E003	2,575	LF	6" THERMOPLASTIC TRAFFIC STRIPE, CONTINUOUS YELLOW	0 ⁸⁵	2,188 ⁷⁵
907-626-G004	325	LF	THERMOPLASTIC DETAIL STRIPE, WHITE	2 ⁵⁰	812 ⁵⁰
907-626-G005	117	LF	THERMOPLASTIC DETAIL STRIPE, YELLOW	2 ⁵⁰	292 ⁵⁰
907-626-H004	989	LF	THERMOPLASTIC LEGEND, WHITE	5 ⁰⁰	4,945 ⁰⁰
907-626-H005	291	SF	THERMOPLASTIC LEGEND, WHITE	8 ⁰⁰	2,328 ⁰⁰
627-K001	16	EACH	RED-CLEAR REFLECTIVE HIGH PERFORMANCE RAISED MARKERS	6 ⁰⁰	96 ⁰⁰
627-L001	161	EACH	TWO-WAY YELLOW REFLECTIVE HIGH PERFORMANCE RAISED MARKERS	6 ⁰⁰	966 ⁰⁰
907-265-A008	220	LF	6" C900 PVC WATER LINE	22 ⁰⁶	4,853 ²⁰
907-265-B006	220	LF	6" DUCTILE IRON WATER MAIN	32 ⁵¹	7,152 ²⁰
907-265-A007	60	LF	8" C900 PVC WATER LINE	23 ⁶⁹	1,421 ⁴⁰
907-265-B007	60	LF	8" DUCTILE IRON WATER MAIN	37 ⁸⁷	2,272 ²⁰
907-265-C002	1,850	LBS	DUCTILE IRON FITTINGS	7 ⁷²	14,282 ⁰⁰
907-265-F001	3	EACH	FIRE HYDRANT ASSEMBLY	4,213 ⁴⁷	12,640 ⁴¹
907-265-D017	1	EACH	8" INSERTION VALVE	9,806 ¹⁹	9,806 ¹⁹
907-265-D027	2	EACH	6" INSERTION VALVE	8,951 ⁹¹	17,903 ⁸²
907-265-K007	2	EACH	6" LINE STOP	8,951 ⁹¹	17,903 ⁸²
907-265-M005	10	EACH	SHORT SERVICE CONNECTION	466 ⁰⁷	4,660 ⁷⁰
907-265-M006	15	EACH	LONG SERVICE CONNECTION	889 ⁵¹	13,342 ⁶⁵
907-639-A025	1	EACH	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE IV, 30' SHAFT, 30' & 55' ARMS	14,995 ⁰⁰	14,995 ⁰⁰
907-639-A028	1	EACH	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE IV, 30' SHAFT, 30' ARM	8,675 ⁰⁰	8,675 ⁰⁰

BID SCHEDULE					
PAY ITEM NO.	PLAN QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	ITEM TOTAL
907-639-A034	2	EACH	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE VI, 8' SHAFT	2,095 ⁰⁰	4,190 ⁰⁰
907-639-C002	9	CY	POLE FOUNDATIONS, 36" DIAMETER	625 ⁰⁰	5,625 ⁰⁰
907-639-C003	2	CY	POLE FOUNDATIONS, 24" DIAMETER	0 ⁰¹	0 ⁰²
640-A016	4	EACH	TRAFFIC SIGNAL HEADS, TYPE 1 LED	785 ⁰⁰	3,140 ⁰⁰
640-A018	1	EACH	TRAFFIC SIGNAL HEADS, TYPE 3 LED	1,196 ⁰⁰	1,196 ⁰⁰
640-A034	4	EACH	TRAFFIC SIGNAL HEADS, TYPE 6 LED COUNTDOWN	1,079 ⁰⁰	4,316 ⁰⁰
640-A056	1	EACH	TRAFFIC SIGNAL HEADS, TYPE 2 FYA LED	1,249 ⁰⁰	1,249 ⁰⁰
907-642-A003	1	EACH	SOLID STATE TRAFFIC ACTUATED CONTROLLERS, TYPE 8A	19,337 ⁰⁰	19,337 ⁰⁰
644-A001	3	EACH	OPTICAL DETECTOR	571 ⁰⁰	1,713 ⁰⁰
644-B001	360	LF	OPTICAL DETECTOR CABLE	1 ¹⁰	396 ⁰⁰
644-C002	1	EACH	PHASE SELECTOR, 4 CHANNEL	2,875 ⁰⁰	2,875 ⁰⁰
646-A001	1	LS	REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT	XXXX	1,875 ⁰⁰
647-A001	1	EACH	PULLBOX, TYPE 1	395 ⁰⁰	395 ⁰⁰
647-A002	1	EACH	PULLBOX, TYPE 3	925 ⁰⁰	925 ⁰⁰
647-A005	2	EACH	PULLBOX, TYPE 2	665 ⁰⁰	1,330 ⁰⁰
907-649-A004	3	EACH	VIDEO DETECTION SYSTEM, 1 SENSOR, TYPE 2	5,875 ⁰⁰	17,625 ⁰⁰
653-A001	15	SF	TRAFFIC SIGN, ENCAPSULATED LENS	0 ⁰¹	0 ¹⁵
666-B015	520	LF	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IMSA 20-1, AWG 14, 5 CONDUCTOR	2 ¹⁴	1,112 ⁸⁰
666-B054	240	LF	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IMSA 20-1, AWG 14, 8 CONDUCTOR	3 ¹¹	746 ⁴⁰
666-B040	30	LF	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, THHN, AWG #8, 3 CONDUCTOR	6 ²⁵	187 ⁵⁰
666-B049	215	LF	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, THHN, AWG #10, 2 CONDUCTOR	3 ⁴¹	733 ¹⁵
666-C017	115	LF	ELECTRIC CABLE, AERIAL SUPPORTED, IMSA 20-1, AWG 14, 8 CONDUCTOR	5 ⁰⁷	583 ⁰⁵
668-A018	100	LF	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, TYPE 4, 2"	6 ³²	632 ⁰⁰
668-A020	130	LF	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, TYPE 4, 3"	8 ⁰⁶	1,047 ⁸⁰
668-B024	150	LF	TRAFFIC SIGNAL CONDUIT, UNDERGROUND DRILLED OR JACKED, ROLLED PIPE, 2"	13 ¹⁰	1,965 ⁰⁰
TOTAL BID				1,248,729 ⁶⁴	

SECTION 905 PROPOSAL (Bid Sheet No. 7-7)

PROJECT NUMBER: HPP-7194-00(003) LPA / 105845-801000

COUNTY: FORREST

PROJECT DESCRIPTION: FOURTH STREET ROADWAY IMPROVEMENTS PROJECT – PHASE II

COMPLETE ITEM NOS. 1, 2 AND/OR 3 AS APPROPRIATE, SEE NOTICE TO BIDDERS NO. 5266 AND SUPPLEMENT.

1. I/We agree that no less than 2% percent shall be expended with small business concerns owned and controlled by socially and economically disadvantaged individuals (DBE and WBE).
2. Classification of Bidder: Small Business (DBE) ☐ Small Business (WBE) ☐
3. A joint venture with a Small Business (DBE/WBE): YES ☐

*** SIGNATURE STATEMENT***

BIDDER ACKNOWLEDGES THAT HE/SHE HAS CHECKED ALL ITEMS IN THIS PROPOSAL FOR ACCURACY AND CERTIFY THAT THE FIGURES SHOWN THERIN CONSTITUTE THEIR OFFICIAL BID.


_____, PRESIDENT
BIDDER'S SIGNATURE

**Certification with regard to the Performance of Previous
Contracts or Subcontracts subject to the Equal Opportunity
Clause and the filing of Required Reports**

The Bidder ✓, proposed Subcontractor , hereby certifies that he has ✓, has not , participated in a previous contract or subcontract subject to the Equal Opportunity Clause, as required by Executive Orders 10925, 11114, or 11246, and that he has ✓, has not , filed with the Joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

BUSH CONSTRUCTION COMPANY, INC.
(COMPANY)
BY [Signature]
PRESIDENT
(TITLE)

DATE: 3-16-17

NOTE: The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor (41 CFR 60-1.7 (b) (1)), and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the Equal Opportunity Clause. Contracts and Subcontracts which are exempt from the Equal Opportunity Clause are set forth in 41 CFR 60-1.5. (Generally only contracts or subcontracts of \$10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime Contractors and Subcontractors who have participated in a previous contract or subcontract subject to the Executive orders and have not filed the required reports should note that 41 CFR 60-1.7 (b) (1) prevents the award of contracts and subcontracts unless such Contractors submit a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U. S. Department of Labor.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

NON-COLLUSION AFFIDAVIT

(Execute in duplicate)

State of Mississippi

County of JONESI, MATTHEW W. DAVIS,
(Name of person signing certification)individually, and in my capacity as PRESIDENT of
(Title)BUSH CONSTRUCTION COMPANY, INC. do hereby certify under
(Name of Firm, Partnership, or Corporation)

penalty of perjury under the laws of the United States and the State of Mississippi that _____

BUSH CONSTRUCTION COMPANY, INC., Bidder
(Name of Firm, Partnership, or Corporation)on Project No. HPP 7194-00(003) LPA/105845-801000,in FORREST County(ies), Mississippi, has not either

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 this contract; nor have any of its corporate officers or principal owners.

Except as noted hereafter, it is further certified that said legal entity and its corporate officers, principal owners, managers, auditors and others in a position of administering federal funds:

- 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 (b) above; 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.

Initial here "_____" if exceptions are attached and made a part thereof. Any exceptions shall address to whom it applies, initiating agency and dates of such action.

Note: Exceptions will not necessarily result in denial of award but will be considered in determining bidder responsibility. Providing false information may result in criminal prosecution or administrative sanctions.

The bidder further certifies that the certification requirements contained in Section XI of Form FHWA 1273, will be or have been included in all subcontracts, material supply agreements, purchase orders, etc. except those procurement contracts for goods or services that are expected to be less than the Federal procurement small purchase threshold fixed at 10 U.S.C. 2304(g) and 41 U.S.C. 253(g) (currently \$25,000) which are excluded from the certification requirements.

The bidder further certifies, to the best of his or her knowledge and belief, that:

- 1) 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 an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making 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.
- 2) 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 any Federal agency, a Member of Congress, an officer or employee of Congress, or an 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 prerequisite 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 bidder shall include the language of the certification in all subcontracts exceeding \$100,000 and all subcontractors shall certify and disclose accordingly.

All of the foregoing and attachments (when indicated) is true and correct.

Executed on 3-16-17

 , PRESIDENT
Signature

(11/23/92F)



Mayor

Johnny L. DuPree, Ph.D.

Council - Ward 1
Kim Bradley

Council - Ward 2
Deborah Denard Delgado

Council - Ward 3
Carter Carroll

Council - Ward 4
Mary Dryden

Council - Ward 5
Henry Naylor

May 31, 2017

Bush Construction Company, Inc.
P.O. Box 8327
Laurel, MS 39441-8327

NOTICE OF AWARD:

RE: HPP-7194-00(003) LPA/105845-801000
FOURTH STREET ROADWAY IMPROVEMENTS PROJECT – PHASE II
CITY OF HATTIESBURG, FORREST COUNTY

Dear Sir or Madam:

This is to advise that the city of Hattiesburg has received concurrence from the Mississippi Transportation Commission and is hereby officially awarding the subject project to Bush Construction Company, Inc. in the amount of \$1,248,577.68. The date of this letter will serve as the official **Notice of Award**.

All attached contract documents must be executed and submitted for approval to the city of Hattiesburg no later than June 9, 2017 in accordance with Section 103.07 of the Mississippi Standard Specifications for Road and Bridge Construction, 2004 Edition. A Pre-Construction Conference will not be scheduled without MDOT approval of the executed documents unless special provisions by MDOT are given.

The city of Hattiesburg will send the official Notice of Execution Letter upon receiving and completing the execution of the contract documents. Bush Construction Company, Inc. is to request a Notice to Proceed Date as described in the NTB in the contract documents once they have received the Notice of Execution Letter.

Please review the provisions of the contract showing classifications and minimum hourly rates for laborers and mechanics established by the U. S. Secretary of Labor for this project. If these provisions do not contain all of the classifications that you will need, please advise this office promptly so that we can request the minimum hourly wage rate for such other classifications required prior to the time they will be needed.

Should you have any questions, please contact the city of Hattiesburg.

Yours very truly,

Lamar Rutland, P.E.
Engineering Director

PC: Jeff Altman, MDOT LPA Engineer
Geoffrey Crosby, LPA CE&I Engineer
David Seyfarth, MDOT District LPA Coordinator



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
6/2/2017

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 have ADDITIONAL INSURED provisions or 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 BancorpSouth Insurance Services, Inc. Stewart Sneed Hewes - Hattiesburg 16 Thompson Park Hattiesburg MS 39401	CONTACT NAME: Laurie McCrea	
	PHONE (A/C, No, Ext): 601-554-7327	FAX (A/C, No): 877-288-0152
	E-MAIL ADDRESS: laurie.mccrea@bxsi.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Zurich American Ins Co of IL	27855
	INSURER B: Endurance American Specialty Ins Co	41718
	INSURER C: American Zurich Insurance Company	40142
	INSURER D: Markel American Ins. Co.	28932
	INSURER E:	
	INSURER F:	

INSURED BUSHCON-01Bush Construction Co., Inc.
Post Office Box 8327
Laurel MS 39441-8327**COVERAGES****CERTIFICATE NUMBER:** 163448320**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 INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☐ LOC OTHER:	Y	Y	GLO016060800	11/1/2016	11/1/2017	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 \$
A	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☒ HIRED AUTOS ONLY ☐ SCHEDULED AUTOS ☒ NON-OWNED AUTOS ONLY	Y	Y	BAP016060700	11/1/2016	11/1/2017	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 \$	Y	Y	EXC30000202500	11/1/2016	11/1/2017	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	Y/N ☐ N/A	Y	WC016061000	11/1/2016	11/1/2017	☒ 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	Rented/Leased Equipment Equipment Scheduled			MAXA3IM0049398	11/1/2016	11/1/2017	\$500,000 \$2,318,522 \$2,500 Ded \$2,500 Ded

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Project: Project HPP-7194-00(003)LPA/105845-801000 - Fourth Street Roadway Improvements - Phase II

Certificate holder and Architect, Neel Schaffer, Inc. P.O. Box 1487
Hattiesburg, MS are named as additional insured as required by written contract.**CERTIFICATE HOLDER**City of Hattiesburg
PO Box 1898
Hattiesburg MS 39403**CANCELLATION**

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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LOCAL PUBLIC AGENCY (LPA)

SECTION 902

CONTRACT FOR Federal Aid Project No. HPP-7194-00(003)LPA/105845-801000

LOCATED IN THE COUNTY OF Forrest

STATE OF MISSISSIPPI,

This contract entered into by and between the Local Public Agency City of Hattiesburg
(hereinafter "LPA") on one hand, and the undersigned contractor, on the other
witnesseth;

That, in consideration of the payment by the LPA of the prices set out in the proposal hereto attached, to the undersigned contractor, such payment to be made in the manner and at the time of times specified in the specifications and the special provisions, if any, the undersigned contractor hereby agrees to accept the prices stated in the proposal in full compensation for the furnishing of all materials and equipment and the executing of all the work contemplated in this contract.

It is understood and agreed that the advertising according to law, the Advertisement, the instructions to bidders, the proposal for the contract, the specifications, the revisions of the specifications, the special provisions, and also the plans for the work herein contemplated, 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.

It is further agreed that for the same consideration the undersigned contractor shall be responsible for all loss or damage arising out of the nature of the work aforesaid; or from the action of the elements and unforeseen obstructions or difficulties which may be encountered in the prosecution of the same and for all risks of every description connected with the work, exceptions being those specifically set out in the contract; and for faithfully completing the whole work in good and workmanlike manner according to the approved Plans, Specifications, Special Provisions, Notice(s) to Bidders and requirements of the LPA.

It is further agreed that the work shall be done under the direct supervision and to the complete satisfaction of the LPA or their authorized representatives, and when Federal Funds are involved subject to inspection at all times and approval by the Mississippi Department of Transportation or Federal Highway Administration, or its agents as the case may be, or the agents of any other Agency whose funds are involved in accordance with those Acts of the Legislature of the State of Mississippi approved by the Governor and such rules and regulations issued pursuant thereto by the Mississippi Transportation Commission and the authorized Federal Agencies.

The Contractor agrees that all labor as outlined in the Special Provisions may be secured from list furnished by

Manager, WIN Job Center nearest the project

It is agreed and understood that each and every provision of law and clause required by law to be inserted in this contract shall be deemed to be inserted herein and this contract shall be read and enforced as though it were included herein, and, if through mere mistake or otherwise any such provision is not inserted, then upon the application of either party hereto, the contract shall forthwith be physically amended to make such insertion.

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.

Witness our signatures this the ____ day of _____, 20____.

BUSH CONSTRUCTION COMPANY, INC.
Contractor(s)

By _____

Title PRESIDENT

Signed and sealed in the presence of:

(Names and address of witnesses)

David A. Doll P.O. Box 8337
LAUREL, MS 39441-8337

By _____
LPA Official

LPA Clerk

Award authorized by the LPA in session on the ____ day of _____, 20____, as recorded _____

LOCAL PUBLIC AGENCY (LPA)

SECTION 903

PERFORMANCE AND PAYMENT BOND

CONTRACT BOND FOR Federal Aid Project No. HPP-7194-00(003)LPA/105845-801000

LOCATED IN THE COUNTY OF Forrest

STATE OF MISSISSIPPI,

Forrest

Know all men by these presents: that we, Bush Construction Company, Inc.

(Contractor)

(hereinafter "Principal"), a Corporation

residing at 1987 Bush Dairy Road, Laurel in the State of Mississippi

and SureTec Insurance Company

(Surety)

residing at 1330 Post Oak Blvd, Ste 1100, Houston in the State of Texas

authorized to do business in the State of Mississippi, under the laws thereof, as surety, are held and firmly bound unto the Local Public Agency City of Hattiesburg, Mississippi, (hereinafter

"LPA"), in the sum of One Million Two Hundred Forty Eight Thousand Five Hundred Seventy Seven and 68/100th

(\$ 1,248,577.68) Dollars, lawful money of the United States of America, to be paid to it for which payment well

and truly to be made, we bind ourselves, our heirs, administrators, successors, or assigns jointly and severally by these presents.

The conditions of this bond are such, that whereas the said Principal, has (have) entered into a contract with the LPA, bearing the date of _____ day of _____ A.D. _____ hereto annexed, for the construction of certain project(s) in the State of Mississippi as mentioned in said contract in accordance with the Contract Documents therefor, on file in the offices of the LPA.

Now therefore, if the above bounden Principal in all things shall stand to and abide by and well and truly observe, do keep and perform all and singular the terms, covenants, conditions, guarantees and agreements in said contract, contained on his (their) part to be observed, done, kept and performed and each of them, at the time and in the manner and form and furnish all of the material and equipment specified in said contract in strict accordance with the terms of said contract which said plans, specifications and special provisions are included in and form a part of said contract and shall maintain the said work contemplated until its final completion and acceptance as specified in Subsection 109.11 of the approved specifications, and save harmless said LPA from any loss or damage arising out of or occasioned by the negligence, wrongful or criminal act, overcharge, fraud, or any other loss or damage whatsoever, on the part of said principal (s), his (their) agents, servants, or employees in the performance of said work or in any manner connected therewith, and shall be liable and responsible in a civil action instituted by the LPA at the instance of any officer of the LPA authorized in such cases, for double any amount in money or property, the LPA may lose or be overcharged or otherwise defrauded of, by reason of wrongful or criminal act, if any, of the

LOCAL PUBLIC AGENCY (LPA)

Contractor(s), his (their) agents or employees, and shall promptly pay the said agents, servants and employees and all persons furnishing labor, material, equipment or supplies therefor, including premiums incurred, for Surety Bonds, Liability Insurance, and Workmen's Compensation Insurance; with the additional obligation that such Contractor shall promptly make payment of all taxes, licenses, assessments, contributions, damages, any liquidated damages which may arise prior to any termination of said principal's contract, any liquidated damages which may arise after termination of the said principal's contract due to default on the part of said principal, penalties and interest thereon, when and as the same may be due this state, or any county, municipality, board, department, commission or political subdivision: in the course of the performance of said work and in accordance with Sections 31-5-51 et seq. Mississippi Code of 1972, and other State statutes applicable thereto, and shall carry out to the letter and to the satisfaction of the LPA Official, all, each and every one of the stipulations, obligations, conditions, covenants and agreements and terms of said contract in accordance with the terms thereof and all of the expense and cost and attorney's fee that may be incurred in the enforcement of the performance of said contract, or in the enforcement of the conditions and obligations of this bond, then this obligation shall be null and void, otherwise to be and remain in full force and virtue.

Bush Construction Company, Inc.
(Contractors) Principal

By



Title

PRESIDENT

(Contractor's Seal)

SureTec Insurance Company
Surety

By

Kathleen B. Scarborough
(Signature) Attorney in Fact
Kathleen B. Scarborough, Attorney-In-Fact

Address: 1330 Post Oak Blvd, Suite 1100

Houston, TX 77056

Kathleen B. Scarborough, MS Resident Agent
(Printed) Mississippi Agent

Kathleen B. Scarborough
(Signature) Mississippi Agent

Address: BancorpSouth Insurance Services, Inc.

P O Box 228

Biloxi, MS 39533

(Surety Seal)

10097701

Mississippi Insurance ID Number

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

Jim Eley Brashier, Dewey Elise Brashier, Loren Richard Howell Jr., Kathleen B. Scarborough, Troy P. Wagener, Susan Skrmetta

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, providing the bond penalty does not exceed

Seven Million and 00/100 Dollars (\$7,000,000.00)

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 shall continue in force until 12/31/2019 and 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 21st day of February, A.D. 2017.



SURETEC INSURANCE COMPANY

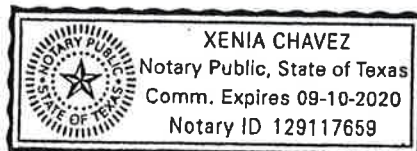
By: _____

John Knox Jr., President

State of Texas
County of Harris

ss: _____

On this 21st day of February, 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.



Xenia Chavez, Notary Public

My commission expires September 10, 2020

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 _____ day of _____, 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.

**MDOT Certification Form for Sub-Awards
Executive Compensation Reporting for Transparency Act**

On behalf of the entity named below, I certify that I have personally read and reviewed the executive compensation reporting requirements of the Federal Funding Accountability and Transparency Act of 2006, as amended by Section 6202 of the Government Funding Transparency Act of 2008 [FFATA], and certify under penalty of perjury pursuant to Section 97-9-61, Mississippi Code of 1972, as amended, the following:

Local Entity Name: City of Hattiesburg, Mississippi

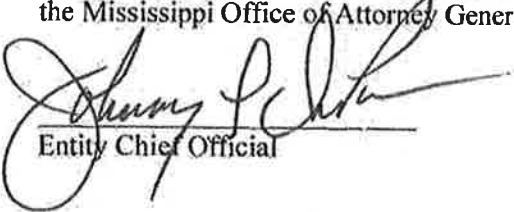
Data Universal Numbering System (DUNS) Number : 079448130 (required)

 X The local entity listed below receiving federal funds from MDOT **is not** required to report executive compensation under the Federal Funding Accountability and Transparency Act of 2006, as amended by Section 6202 of the Government Funding Transparency Act of 2008 [FFATA].

 The local entity listed below receiving federal funds from MDOT **is required** to report executive compensation under the Federal Funding Accountability and Transparency Act of 2006, as amended by Section 6202 of the Government Funding Transparency Act of 2008 [FFATA], listed below are the names and total annual compensation of the five most highly compensated officers of the entity:

	NAME	TOTAL ANNUAL COMPENSATION
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____

The entity acknowledges that a false statement in this certification may be subject to criminal prosecution, including under 18 U.S.C. §§ 1001 (false statements) and 1621 (perjury), and 28 U.S.C. §1746 (declarations under penalty of perjury). The entity also acknowledges that said projects, including certifications provided in connection with such projects and grants are subject to review by the Mississippi Department of Transportation, the Mississippi State Auditor, and the Mississippi Office of Attorney General.


Entity Chief Official

11-8-16

Date

**Guidance for Federal Spending Transparency:
Subaward and Executive Compensation Data
Reporting Requirements for FFATA Implementation**

Summary

1. Prime awardees and sub awardees of Federal financial assistance must report executive compensation data if they meet the statutory reporting thresholds. For the Federal-aid Highway Program, this means that the State, and any subawardees of Federal-aid funds through the State, is subject to the executive compensation reporting requirement.

- names and total compensation of the five most highly compensated officers of the entity if the entity in the preceding fiscal year received 80 percent or more of its annual gross revenues in Federal awards; and \$25,000,000 or more in annual gross revenues from Federal awards; and the public does not have access to this information about the compensation of the senior executives of the entity through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. §§ 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. See FFATA § 2(b)(1).

Background

Beginning October 1, 2010, guidance directs compliance with the Transparency Act to report prime and first-tier subaward data. Federal agencies and prime awardees will report to ensure disclosure of Federal contract and grant subaward and executive compensation data.

The Transparency Act requires information disclosure concerning entities receiving Federal financial assistance through Federal awards such as Federal contracts, sub-contracts, grants, and sub-grants.

Specifically, the Transparency Act's section 2(b)(1) requires the Office of Management and Budget ("OMB") to ensure the establishment of a publicly available website that contains the following information about each Federal award:

- name of the entity receiving the award;
- amount of the award;
- information on the award including transaction type, funding agency, the North American Industry Classification System code or Catalog of Federal Domestic Assistance number, program source, award title descriptive of the purpose of each funding action;

- location of the entity receiving the award and primary location of performance under the award, including city, State, congressional district, and country;
- unique identifier of the entity receiving the award and the parent entity of the recipient, should the entity be owned by another entity; and
- names and total compensation of the five most highly compensated officers of the entity if the entity in the preceding fiscal year received 80 percent or more of its annual gross revenues in Federal awards; and \$25,000,000 or more in annual gross revenues from Federal awards; and the public does not have access to this information about the compensation of the senior executives of the entity through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. §§ 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. See FFATA § 2(b)(1).

LPA PROJECT

DISADVANTAGED BUSINESS ENTERPRISE LIST

PROJECT NUMBER :

HPP 7194-00(003) LPA / 105845-801000

NAME OF DBE FIRM:

RJM McQueen Contracting, Inc.

☐ RACE CONSCIOUS

☒ RACE NEUTRAL

COUNTY:

Forrest

CITY :

Hattiesburg

A REFERENCE NUMBER OF ITEMS	B PERCENT WORK SUBCONTRACTED , (SEE NOTE 4 & 5 BELOW)	C VALUE OF ITEM (SUBCONTRACTED , MANUFACTURED OR SUPPLIED)
608-A001 Concrete Sidewalk, w/o Reinforcement	100%	\$42,660.00
609-B001 Concrete Curb, Header	100%	\$1,692.00
609-D008 Combination Curb & Gutter, Type 3A	69.77%	\$49,503.75
614-B002 Concrete Driveway, w/Reinforcement, 6" Thick	100%	\$35,150.00
620-A001 Mobilization	5.85%	\$5,376.00
TOTAL		\$134,381.75
PER CENT OF TOTAL BID		10.76%

*** I ACKNOWLEDGE AND COMMIT TO THE ITEMS AND PRICES STATED ABOVE. ***

SIGNATURE OF DBE

SIGNATURE OF PRIME

DATE

APPROVED:

3/20/2017

Bush Construction Company, Inc.

APPROVED BY:

Lamar Rutland

LPA Project Director Name (Printed)

LPA Project Director (Signature)

Prime Contractor Firm Name

(Matthew W. Davis)

Submitted By Name

President

TITLE

I AGREE TO SUBCONTRACT OR PURCHASE MATERIAL FROM THE DBE 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 2 %.

INSTRUCTIONS :

1. SUBMIT THIS FORM TO THE LPA Project Director **FOR THEIR SIGNATURE** NO LATER THAN THE THIRD (3) BUSINESS DAY AFTER THE OPENING OF THE BIDS.
2. 60 % CREDIT IS ALLOWED TOWARD THE DBE GOAL FOR SUPPLIERS.
3. THE ACTUAL SUBCONTRACT AGREEMENT MUST EQUAL OR EXCEED THE DOLLAR AMOUNT SHOWN IN COLUMN " C " .
4. IF THE DBE FIRM PERFORMS " ALL OF THE WORK " PERTAINING TO A SUBCONTRACTED ITEM ENTER 100 % IN COLUMN " B " .
5. IF THE DBE 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.

\$ 1,248,577.68



Construction
Company, Inc.

Miles of Construction for Over 75 Years

March 28, 2017

Mr Geoffrey Crosby, P.E.
Senior Porject Manager
Neel-Schaffer, Inc.
P.O. Box 1487
Hattiesburg, MS 39403-1487

Re: HPP 7194-00(003) LPA/105845-801000, Fourth Street Roadway Improvements Project - Phase II for the City of Hattiesburg, MS Cost breakdown attachment for Item 609-D008 Curb and Gutter Type 3A per Linear Foot

To Whom It May Concern:

Below, please find the cost breakdown for Item 609-D008 Curb and Gutter Type 3A per Linear Foot for the above project

RJM McQueen Contracting, Inc. will be installing the Concrete Curb and Gutter on the project. Their portion of Item 609-D008 is:

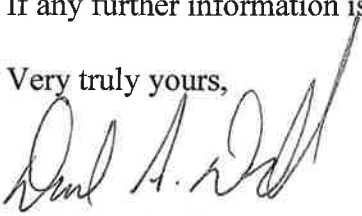
Pay Item No. 609-D008 Curb & Gutter Type 3A Per LF						
	Cost	Tax 3.5%	Bond 1%	Overhead 5%	Markup 10%	Total
Labor	\$3.96	\$0.17	\$0.05	\$0.25	\$0.49	\$4.92
Equipment	\$2.64	\$0.11	\$0.03	\$0.16	\$0.33	\$3.28
Material	\$5.75	\$0.25	\$0.07	\$0.36	\$0.71	\$7.14
						\$15.35

When bidding the job, we elected to include the fine grading for curb and gutter and sidewalk in 609-D008. Bush Construction's portion of 609-D008 is given below.

Pay Item No. 609-D008 Curb & Gutter Type 3A Per LF						
	Cost	Tax 3.5%	Bond 1%	Overhead 5%	Markup 10%	Total
Labor	\$3.48	\$0.15	\$0.04	\$0.22	\$0.43	\$4.32
Equipment	\$1.87	\$0.08	\$0.02	\$0.12	\$0.23	\$2.33
Material	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
						\$6.65

If any further information is needed, please do not hesitate to contact us.

Very truly yours,

A handwritten signature in dark ink, appearing to read "David A. Dodd". The signature is fluid and cursive, with a long, sweeping line extending from the end of the name.

David A. Dodd
Project Manager



Construction
Company, Inc.

Miles of Construction for Over 75 Years

March 28, 2017

Mr Geoffrey Crosby, P.E.
Senior Porject Manager
Neel-Schaffer, Inc.
P.O. Box 1487
Hattiesburg, MS 39403-1487

Re: HPP 7194-00(003) LPA/105845-801000, Fourth Street Roadway Improvements Project -
Phase II for the City of Hattiesburg, MS Cost breakdown attachment for Item 620-A001
Mobilization

To Whom It May Concern:

Below, please find the cost breakdown for Item 620-A001, Mobilization for the above project

The Cost Breakdown for the total Pay Item, 620-A001 (combined) is:

		Pay Item No. 620-A001		Total Mobe Per		LS		
	Cost	Tax 3.5%	Bond 1%	Overhead 5%	Markup 10%		Total	
Labor	\$42,175.55	\$1,833.72	\$523.92	\$2,619.60	\$5,239.20		\$52,391.99	
Equipment	\$28,117.04	\$1,222.48	\$349.28	\$1,746.40	\$3,492.80		\$34,927.99	
Material	\$3,700.00	\$160.87	\$45.96	\$229.81	\$459.63		\$4,596.27	
								\$91,916.26

RJM McQueen Contracting, Inc. will be installing the Concrete Curb and Gutter on the project.
Their portion of Item 620-A001 is:

		Pay Item No. 620-A001		Total Mobe Per		LS		
	Cost	Tax 3.5%	Bond 1%	Overhead 5%	Markup 10%		Total	
Labor	\$2,596.61	\$112.90	\$32.26	\$161.28	\$322.56		\$3,225.60	
Equipment	\$1,731.07	\$75.26	\$21.50	\$107.52	\$215.04		\$2,150.40	
Material	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	
								\$5,376.00

Lane Line, LLC will be performing the Thermoplastic Striping on the project. Their portion of Item 620-A001 is:

	Pay Item No. 620-A001			Total Mobe Per	LS	
	Cost	Tax 3.5%	Bond 1%	Overhead 5%	Markup 10%	Total
Labor	\$1,207.50	\$52.50	\$15.00	\$75.00	\$150.00	\$1,500.00
Equipment	\$805.00	\$35.00	\$10.00	\$50.00	\$100.00	\$1,000.00
Material	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	<u>\$0.00</u>
						\$2,500.00

Dunn Roadbuilders, LLC will be performing the Asphalt Milling on the project. Their portion of Item 620-A001 is:

	Pay Item No. 620-A001			Total Mobe Per	LS	
	Cost	Tax 0%	Bond 0%	Overhead 0%	Markup 0%	Total
Labor	\$840.00	\$0.00	\$0.00	\$0.00	\$0.00	\$840.00
Equipment	\$560.00	\$0.00	\$0.00	\$0.00	\$0.00	\$560.00
Material	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	<u>\$0.00</u>
						\$1,400.00

Note that Dunn did not include tax and bond as part of their price. Tax and bond as well as overhead and markup are included as a portion of Bush's portion of 620-A001.

Powell Construction Services, Inc. be performing the Traffic Signalization Items on the project. Their portion of Item 620-A001 is:

	Pay Item No. 620-A001			Total Mobe Per	LS	
	Cost	Tax 0%	Bond 0%	Overhead 0%	Markup 0%	Total
Labor	\$5,097.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,097.00
Equipment	\$3,398.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,398.00
Material	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	<u>\$0.00</u>
						\$8,495.00

Note that Powell did not include tax and bond as part of their price. Tax and bond as well as overhead and markup are included as a portion of Bush's portion of 620-A001.

Clear River Construction Co., Inc. be performing the Asphalt Pavement Imprinting and Coloring Items on the project. Their portion of Item 620-A001 is:

Pay Item No. 620-A001 Total Mobe Per LS						
	Cost	Tax 0%	Bond 0%	Overhead 0%	Markup 0%	Total
Labor	\$600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$600.00
Equipment	\$400.00	\$0.00	\$0.00	\$0.00	\$0.00	\$400.00
Material	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	<u>\$0.00</u>

\$1,000.00

Note that Clear River did not include tax and bond as part of their price. Tax and bond as well as overhead and markup are included as a portion of Bush's portion of 620-A001.

Beckham Concrete Cutting, LLC will be performing saw cutting of asphalt and concrete as needed on the project. Their portion of Item 620-A001 is:

Pay Item No. 620-A001 Total Mobe Per LS						
	Cost	Tax 0%	Bond 0%	Overhead 0%	Markup 0%	Total
Labor	\$270.00	\$0.00	\$0.00	\$0.00	\$0.00	\$270.00
Equipment	\$180.00	\$0.00	\$0.00	\$0.00	\$0.00	\$180.00
Material	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	<u>\$0.00</u>

\$450.00

Note that Beckham did not include tax and bond as part of their price. Tax and bond as well as overhead and markup are included as a portion of Bush's portion of 620-A001.

The remainder of 620-A001 is given below as Bush Construction's portion. Note that Bush is providing both tax and bond on the project for Dunn Roadbuilders, LLC, Powell Construction Services, Inc., Beckham Concrete Cutting, LLC, and Clear River Construction Co., Inc. Please note that Tax, Bond, Overhead and Markup are calculated on the total amount, not on the cost. The net effect of this calculation raises the percentage rate on tax, bond, overhead, and markup on this remainder. Of course if all subcontractors had included tax and bond overhead and markup with their quotes, the percentages would have worked out correctly.

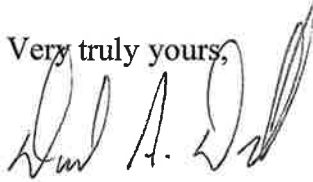
Pay Item No. 620-A001 Total Mobe Per LS						
	Cost	Tax 4.05%	Bond 1.16%	Overhead 5.78%	Markup 11.56%	Total
Labor	\$31,564.45	\$1,668.32	\$476.66	\$2,383.32	\$4,766.64	\$40,859.39
Equipment	\$21,042.96	\$1,112.22	\$317.78	\$1,588.88	\$3,177.76	\$27,239.59
Material	\$3,700.00	\$160.87	\$45.96	\$229.81	\$459.63	<u>\$4,596.27</u>

\$72,695.26

An example calculation confirms this. Take the tax column for instance, add all values and obtain \$3,217.07 (include McQueen and Lane Line portions), divide \$3,217.07 by the total mobilization price of \$91,916.26 yields exactly 3.5% tax on the total mobilization. Other values for bond, overhead, and profit will yield similar results.

If any further information is needed, please do not hesitate to contact us.

Very truly yours,

A handwritten signature in dark ink, appearing to read 'David A. Dodd', with a stylized flourish at the end.

David A. Dodd
Project Manager

LPA PROJECT

DISADVANTAGED BUSINESS ENTERPRISE LIST

PROJECT NUMBER : HPP 7194-00(003) LPA/105845-801000
NAME OF DBE FIRM: RJM McQUEEN Contracting, INC. ☐ RACE CONSCIOUS ☒ RACE NEUTRAL
COUNTY: FOREST
CITY: HATTESBURG

A	B	C
REFERENCE NUMBER OF ITEMS	PERCENT WORK SUBCONTRACTED , (SEE NOTE 4 & 5 BELOW)	VALUE OF ITEM (SUBCONTRACTED , MANUFACTURED OR SUPPLIED)
608- A001	100%	
609- B001	100%	
609- D008	100%	
614- B002	100%	
620- A001		
TOTAL		
PER CENT OF TOTAL BID		

*** I ACKNOWLEDGE AND COMMIT TO THE ITEMS AND PRICES STATED ABOVE. ***

SIGNATURE OF DBE

SIGNATURE OF PRIME

DATE APPROVED: _____

BUSH CONSTRUCTION COMPANY, INC.
Prime Contractor Firm Name

APPROVED BY: _____
LPA Project Director Name (Printed)

MATTHEW W. DAVIS
Submitted By Name

LPA Project Director (Signature)

PRESIDENT
TITLE

I AGREE TO SUBCONTRACT OR PURCHASE MATERIAL FROM THE DBE 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 _____ %.

INSTRUCTIONS :

1. SUBMIT THIS FORM TO THE **LPA Project Director FOR THEIR SIGNATURE** NO LATER THAN THE THIRD (3) CALENDER DAY AFTER THE OPENING OF THE BIDS.
2. 60 % CREDIT IS ALLOWED TOWARD THE DBE GOAL FOR SUPPLIERS.
3. THE ACTUAL SUBCONTRACT AGREEMENT MUST EQUAL OR EXCEED THE DOLLAR AMOUNT SHOWN IN COLUMN " C ".
4. IF THE DBE FIRM PERFORMS " ALL OF THE WORK " PERTAINING TO A SUBCONTRACTED ITEM ENTER 100 % IN COLUMN " B ".
5. IF THE DBE 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.

LPA PROJECT

DISADVANTAGED BUSINESS ENTERPRISE LIST

PROJECT NUMBER :

NAME OF DBE FIRM:

☐ RACE CONSCIOUS ☐ RACE NEUTRAL

COUNTY:

CITY :

A	B	C
REFERENCE NUMBER OF ITEMS	PERCENT WORK SUBCONTRACTED , (SEE NOTE 4 & 5 BELOW)	VALUE OF ITEM (SUBCONTRACTED , MANUFACTURED OR SUPPLIED)
TOTAL		
PER CENT OF TOTAL BID		

*** I ACKNOWLEDGE AND COMMIT TO THE ITEMS AND PRICES STATED ABOVE. ***

SIGNATURE OF DBE

SIGNATURE OF PRIME

DATE APPROVED:

Prime Contractor Firm Name

APPROVED BY:

LPA Project Director Name (Printed)

Submitted By Name

LPA Project Director (Signature)

TITLE

I AGREE TO SUBCONTRACT OR PURCHASE MATERIAL FROM THE DBE 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 %.

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LPA PROJECT

DISADVANTAGED BUSINESS ENTERPRISE LIST

PROJECT NUMBER :

NAME OF DBE FIRM:

☐ RACE CONSCIOUS ☐ RACE NEUTRAL

COUNTY:

CITY :

A	B	C
REFERENCE NUMBER OF ITEMS	PERCENT WORK SUBCONTRACTED , (SEE NOTE 4 & 5 BELOW)	VALUE OF ITEM (SUBCONTRACTED , MANUFACTURED OR SUPPLIED)
TOTAL		
PER CENT OF TOTAL BID		

*** I ACKNOWLEDGE AND COMMIT TO THE ITEMS AND PRICES STATED ABOVE. ***

SIGNATURE OF DBE

SIGNATURE OF PRIME

DATE APPROVED:

Prime Contractor Firm Name

APPROVED BY:

LPA Project Director Name (Printed)

Submitted By Name

LPA Project Director (Signature)

TITLE

I AGREE TO SUBCONTRACT OR PURCHASE MATERIAL FROM THE DBE 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 %.

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- IF THE DBE 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.

LPA PROJECT

LIST OF FIRMS SUBMITTING QUOTES

I/we received quotes from the following firms on Project No: HPP 7194-00(003) LPA/105845-
County: FORREST 801000

Disadvantaged Business Enterprise (DBE) Regulations as stated in 49 CFR 26.11 require the Mississippi Department of Transportation (MDOT) to create and maintain a comprehensive list of all firms quoting/bidding subcontracts on prime contracts and quoting/bidding subcontracts on federally-funded transportation projects. For every firm, we require the following information:

Firm Name: RJM McQueen Contracting, Inc.
Contact Name/Title: Regina McQueen, President
Firm Mailing Address: 80 Ramsey McQueen Road Collins, MS 39428
Phone Number: _____
☒ DBE Firm ☐ Non-DBE Firm

Firm Name: Powell Construction Services, Inc.
Contact Name/Title: Gene Powell, President
Firm Mailing Address: 15461 Northrup Cuevas Road Gulfport, MS 39503
Phone Number: 888-611-8858
☐ DBE Firm ☒ Non-DBE Firm

Firm Name: LANG Line, LLC
Contact Name/Title: Dale Blawie, Owner
Firm Mailing Address: 1353 Flowood Drive Suite L Flowood, MS 39232
Phone Number: 601-933-1600
☐ DBE Firm ☒ Non-DBE Firm

Firm Name: Vulcan Materials Company
Contact Name/Title: Tyler Kell, Salesman
Firm Mailing Address: 606 Avenue C Laurel, MS 39440
Phone Number: 601-941-5989
☐ DBE Firm ☒ Non-DBE Firm

Firm Name: Laurel Testing Laboratory
Contact Name/Title: Russel Devenaux, President
Firm Mailing Address: 57 Wolverton Drive, Collins, MS 39428
Phone Number: _____
☐ DBE Firm ☐ Non-DBE Firm


SUBMITTED BY (Signature)
BUSH CONSTRUCTION COMPANY, INC.
FIRM NAME

Submit this form to the LPA as a part of your bid package. If this form is not signed and included as part of the bid packet, your bid will be deemed irregular. For further information about this form, call Mississippi DOT's Office of Civil Rights at (601) 359-7466; FAX (601) 576-4504.

Please make copies of this form when needed and also add those copies to the bid package.

LPA PROJECT

LIST OF FIRMS SUBMITTING QUOTES

I/we received quotes from the following firms on Project No: APP 7194-00(003)LPA/
County: FORREST 105845-801000

Disadvantaged Business Enterprise (DBE) Regulations as stated in 49 CFR 26.11 require the Mississippi Department of Transportation (MDOT) to create and maintain a comprehensive list of all firms quoting/bidding subcontracts on prime contracts and quoting/bidding subcontracts on federally-funded transportation projects. For every firm, we require the following information:

Firm Name: FORCERA Pipe & Precast
Contact Name/Title: BARRY HATTEN, SALES MANAGER
Firm Mailing Address: 2840 W. NORTHSIDE DRIVE JACKSON, MS 39213-4654
Phone Number: 601-268-2081
☐ DBE Firm ☒ Non-DBE Firm

Firm Name: DUNN ROADBUILDERS, LLC
Contact Name/Title: DAN ASHLEY, CHIEF ESTIMATOR
Firm Mailing Address: 411 WEST OAK STREET LAUREL, MS 39441
Phone Number: 601-369-0811
☐ DBE Firm ☒ Non-DBE Firm

Firm Name: BECKHAM CONCRETE CUTTING, LLC
Contact Name/Title: MARK BECKHAM, OWNER
Firm Mailing Address: 13 COPELAND ROAD PERKINSON, MS 39573
Phone Number:
☐ DBE Firm ☒ Non-DBE Firm

Firm Name: C.J. MORGAN, INC.
Contact Name/Title: BRUCE MORGAN, OWNER
Firm Mailing Address: 712 EDGEWOOD DRIVE HATTIESBURG, MS 39401
Phone Number: 601-544-3192
☐ DBE Firm ☒ Non-DBE Firm

Firm Name: DUNGAN ENGINEERING, P.A.
Contact Name/Title: SEAN BUENS PE, PLS
Firm Mailing Address: 1574 HIGHWAY 98 EAST COLUMBIA, MS 39429
Phone Number: 601-731-2600
☐ DBE Firm ☒ Non-DBE Firm


SUBMITTED BY (Signature)

BUSH CONSTRUCTION COMPANY, INC.
FIRM NAME

Submit this form to the LPA as a part of your bid package. If this form is not signed and included as part of the bid packet, your bid will be deemed irregular. For further information about this form, call Mississippi DOT's Office of Civil Rights at (601) 359-7466; FAX (601) 576-4504.

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County: Forrest 105845-801000

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Firm Name: LEWIS ELECTRIC, INC
Contact Name/Title: DANIEL STEADHAM, ESTIMATOR
Firm Mailing Address: P.O. Box 320337 FLOWOOD, MS 39232-0337
Phone Number: 601-932-0101
☒ DBE Firm ☐ Non-DBE Firm

Firm Name: TRAFFIC CONTROL PRODUCTS CO., INC.
Contact Name/Title: WENDY R. GARNER, OWNER
Firm Mailing Address: P.O. Box 820 BRANDON, MS 39043
Phone Number: 601-939-2415
☒ DBE Firm ☐ Non-DBE Firm

Firm Name: _____
Contact Name/Title: _____
Firm Mailing Address: _____
Phone Number: _____
☐ DBE Firm ☐ Non-DBE Firm

Firm Name: _____
Contact Name/Title: _____
Firm Mailing Address: _____
Phone Number: _____
☐ DBE Firm ☐ Non-DBE Firm

Firm Name: _____
Contact Name/Title: _____
Firm Mailing Address: _____
Phone Number: _____
☐ DBE Firm ☐ Non-DBE Firm


SUBMITTED BY (Signature)
Bush Construction Company, Inc
FIRM NAME

Submit this form to the LPA as a part of your bid package. If this form is not signed and included as part of the bid packet, your bid will be deemed irregular. For further information about this form, call Mississippi DOT's Office of Civil Rights at (601) 359-7466; FAX (601) 576-4504.

Please make copies of this form when needed and also add those copies to the bid package.



City of Hattiesburg, MS

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

FILE NUMBER: 2017-505

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Authorize Mayor to execute the 2017 Forrest County

Title: Authorize Mayor to execute the 2017 Forrest County Comprehensive Emergency Management Plan.

Type: Action Item

Drafter: Kermas Eaton

In Control: City Council

Reference:

Attachments: Emerg. Mtg Plan/Support Annex, Emerg. Mtg Plan/Incident Annex, Emerg. Mtg Plan/Basic Plan, Emerg. Mtg Plan/Emerg. Support Function

File Created: 06/14/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File

SECTION 1: BASIC PLAN

FORREST COUNTY COMPREHENSIVE EMERGENCY MANAGEMENT PLAN

Promulgation Statement

County government shares a responsibility with State and municipal governments to be prepared in the event of a natural, technological, or man-made emergency or disaster that threatens life, property, or the environment. The Mississippi Emergency Management Law, MS Code Ann. § 33-15(1972) confers emergency powers on the Governor, the Mississippi Emergency Management Agency, executive heads of governing bodies of municipalities, and counties of the state to meet this responsibility.

In order to provide for an effective response to emergency situations, the federal, state, local and tribal governments must plan and prepare together. The concept and assignment of responsibilities outlined in this plan shall serve as the basis for the conduct of emergency operations by the Forrest County. It shall be the responsibility of all county agencies and organizations herein referenced to perform their assigned functional tasks and to prepare and maintain standard operating procedures and/or guidelines. All responsible parties shall provide notice of revisions and improvements to this Comprehensive Emergency Management Plan and support it through training and exercises.

This plan is in accordance with existing state and federal statutes, in coordination with the National Response Framework and is National Incident Management System compliant. It will be revised and updated at least biennially, or more frequently as warranted. This plan is written and will be updated in compliance with the Federal Emergency Management Agency's *Developing and Maintaining Emergency Operations Plan, Comprehensive Preparedness Guide 101*, Version 2.0, November 2010.

Therefore, by virtue of the authority vested in me as President of the Board of Supervisors of Forrest County, I hereby promulgate the Forrest County Comprehensive Emergency Management Plan. Furthermore, I charge the Director of the Forrest County Emergency Management Agency (EMA) with responsibility for the implementation of this plan under emergency conditions and its ongoing development, as experience and changing conditions require.

David Hogan, President

Date

Forrest County Board of Supervisors

Johnny L. DuPree, Mayor

Date

City of Hattiesburg

FORREST COUNTY COMPREHENSIVE EMERGENCY MANAGEMENT PLAN

Approval and Implementation

This plan will be effective upon submission by the Forrest County Emergency Management Agency's Director and approval by the President of the County Board of Supervisors.

This plan will be executed upon order of the President of the County Board of Supervisors, or his authorized representative.

This document replaces and supersedes all previous versions of the Forrest County's emergency response plans.

SUBMITTED:

Glen Moore
Director
The Emergency Management District
Date

APPROVED:

David Hogan
President
Forrest County Board of Supervisors
Date

Johnny L. Dupree
Mayor
City of Hattiesburg
Date

FORREST COUNTY COMPREHENSIVE EMERGENCY MANAGEMENT PLAN

Record of Changes

As changes are made to this plan, the following procedures should be followed:

1. Forrest County will issue all changes to holders of the plan through electronic media, email, or hard copy.
2. Upon receiving written notification regarding changes to this plan, individuals issued a hard copy should insert new pages and remove and destroy old pages. Minor changes may be made on existing pages by pen and ink.
3. When any change is made, enter the log below accordingly.
4. A rewrite will be performed every five years with a review and modification every two years as outlined in the MS Code Ann. § 33-15(1972).

Change Number	Date	Page and Section	Brief Description	Initials

FORREST COUNTY COMPREHENSIVE EMERGENCY MANAGEMENT PLAN

Record of Distribution

Primary Distribution List

Copy No.	Individual's Name and Title/Organization's Name	Date of Transmittal	Date of Receipt
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Secondary Distribution List

Personnel and organizations on the secondary distribution list are those identified as essential to knowing the framework of the Comprehensive Emergency Management Plan (CEMP), but with certain information excluded pursuant to MS Code Ann. § 33-15-11 (b) (12)(1972).

Copy No.	Individual's Name and Title/Organization's Name	Date of Transmittal	Date of Receipt
1			
2			
3			
4			

FORREST COUNTY COMPREHENSIVE EMERGENCY MANAGEMENT PLAN

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FORREST COUNTY COMPREHENSIVE EMERGENCY MANAGEMENT PLAN

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FORREST COUNTY COMPREHENSIVE EMERGENCY MANAGEMENT PLAN

I. PURPOSE, SCOPE, SITUATION, AND ASSUMPTIONS

A. Purpose

The purpose of this Comprehensive Emergency Management Plan (CEMP) is to describe Forrest County's approach to response and recovery activities related to emergencies and major disasters. This plan establishes the policies and procedures by which Forrest County shall coordinate local response to disasters. Furthermore, this plan utilizes the Emergency Support Function (ESF) concept to marshal and apply county resources and describes the responsibilities of local agencies in executing effective response and recovery operations.

This CEMP incorporates the concepts and requirements found in state and federal laws, regulations and guidelines. Furthermore, the Forrest County CEMP provides the decision framework to enable local government to effectively respond to and recover from emergencies and disasters. The plan identifies the responsibilities and actions required to protect lives, property and the environment from natural, man-made and technological emergencies and disasters.

This document embraces the National Response Framework (NRF), the National Incident Management System (NIMS), the Comprehensive Preparedness Guide (CPG) 101, Version 2.0, the Presidential Policy Directive PPD/8, the National Preparedness Goal, "A Whole Community Approach to Emergency Management: Principles, Themes and Pathways for Action FDOC 104-008-1/December 2011," the National Preparedness System, the Stafford Act and Post-Katrina Emergency Management Reform Act (PKEMRA), along with federal civil rights laws as fundamental guidance for the state's emergency management program. To reflect evolving guidance and requirements of these documents, the CEMP is amended and updated every two years and rewritten every five years. The structure of this CEMP mirrors that outlined in the State Comprehensive Emergency Management Plan, the NRF and relevant Federal Emergency Management Agency (FEMA) guidance. The plan is developed under the concept of community-based planning. The premise is that all sectors of a community play a critical role and shared responsibility to protect life and property.

The Forrest County CEMP consists of four components: (1) Basic Plan, (2) Emergency Support Function Annexes, (3) Support Annexes and (4) Incident Annexes for Specific Incidents.

Basic Plan - Establishes fundamental policies and assumptions for countywide emergency management, outlines the county's vulnerabilities to potential hazards, establishes a comprehensive emergency management concept of operations and outlines local and state relationships and responsibilities. The basic plan includes planning assumptions, roles and responsibilities, a concept of operations, incident management actions and plan maintenance instructions. The incident management actions incorporate the updated requirements of the NIMS.

FORREST COUNTY COMPREHENSIVE EMERGENCY MANAGEMENT PLAN

Emergency Support Function Annexes - Identifies the specific activities required to support each numbered function and specifies the agencies and organizations that are responsible for performing those activities. While the ESFs name and describe the specific tasks, they do not describe the detailed procedures to perform them. The detailed procedures shall be developed by the coordinating ESF and support agencies in the form of Interagency Coordination Procedures, Standard Operating Procedures (SOPs), and Standard Operating Guides (SOGs).

Emergency Support Functions include:

ESF #1	Transportation
ESF #2	Communications
ESF #3	Public Works and Engineering
ESF #4	Firefighting
ESF #5	Emergency Management
ESF #6	Mass Care, Housing and Human Services
ESF #7	Logistics and Resource Support
ESF #8	Public Health and Medical Services
ESF #9	Search and Rescue
ESF #10	Oil and Hazardous Materials Response
ESF #11	Animals, Agriculture and Natural Resources
ESF #12	Energy
ESF #13	Public Safety and Security
ESF #14	Long-Term Community Recovery
ESF #15	External Affairs
ESF #16	Military Support to Civilian Authorities

Support Annexes - Describes the framework through which local and tribal entities, along with volunteer and non-governmental organizations coordinate and execute the common functional processes and administrative requirements necessary for efficient and effective incident management.

Incident Annexes - Deals with specific catastrophic and unique hazards. These annexes address special considerations and priorities generated by particular hazards affecting the county and the corresponding actions required to cope with them.

B. Scope

This document provides structures for implementing county-level policy and operational coordination for incident response. It can be partially or fully implemented in the context of a threat, in anticipation of a significant event, or in response to an incident. Selective implementation allows for a scaled response, delivery of the exact resources needed and a level of coordination appropriate to each incident.

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This CEMP is intended to accelerate and make more disciplined the county's capacity to rapidly assess and respond to incidents that require local resources. In practice, many incidents require virtually spontaneous activation of interagency coordination protocols to prevent the incident from becoming worse or to surge more aggressively to contain it. A county department or agency acting on independent authority may be the initial and the primary local responder, but incidents that require more systematic county response efforts are now actively coordinated through the appropriate mechanisms described in this document and in its supporting annexes.

Initial coordination of local incident assessment and response efforts is intended to occur seamlessly, without need for any formal trigger mechanism such as a written declaration by the County Board of Supervisors. This will support a more nimble, scalable and coordinated response by the entire emergency management community.

Major components of this plan include disaster information and situational awareness, concept of operations, and direction and control, supported by automatic activation.

C. Situation Overview

Forrest County is composed of two cities and municipalities and consisting of a total population of approximately 77,059 as of 2016 census updates. Of the county's population approximately 8,768 or 16.3% are disabled. Disability characteristics include (1) hearing difficulty, (2) vision difficulty, (3) cognitive difficulty, (4) ambulatory difficulty, (5) self-care difficulty, and (6) independent living difficulty. (Note: visit www.factfinder.census.gov for disability statistics)

Forrest County is exposed to many hazards, all of which have the potential of causing casualties, damaging or destroying public or private property and disrupting the county's economy. In any crisis or emergency, Forrest County's foremost concern is for the protection of human life and property.

The Forrest County EMA, with assistance from the state has taken great care in identifying these hazards and developing and executing plans that fully serve the citizens of Forrest County. The county has worked with numerous local agencies, organizations and concerned citizens to ensure that Forrest County is prepared to mitigate, prevent, protect, prepare for, respond to and recover from these threats. By researching historical records and learning from past hazardous events, vulnerabilities have been identified and estimated future losses projected. In addition, local capabilities have been identified and assessments have been made concerning current effectiveness.

Forrest County conducts emergency preparedness awareness campaigns through The Emergency Management District. Awareness campaigns include earthquake awareness, severe weather awareness, flood awareness, hurricane awareness, mitigation campaigns for children and adults and tornado awareness. Forrest County utilizes a variety of social networking venues, translators and broadcasting methods, such as radio, television and newspaper, to ensure that diverse populations are appropriately advised.

D. Hazard and Threat Analysis Summary

Forrest County is vulnerable to the effects of natural, man-made and technological hazards. The county's location in the Southeastern portion of the state makes it vulnerable to several significant natural hazards, including Tropical events, Winter Storms, floods and tornadoes among others. Furthermore, Forrest County is home to significant infrastructure, populations, and government functions that place it at risk for intentional acts meant to cause physical damage, casualties, or operational disruptions.

Hazard Categories

Natural Hazards - Natural incidents related to environmental conditions including dam and levee failure, drought and extreme heat, earthquakes, flooding, major fires (including grass, timber and urban), hurricanes, tornadoes and winter/ice storms.

Further information related to these hazards is found under separate cover in *The Forrest County Hazard Mitigation Plan* and as incident annexes of this document.

Man-made Hazards - Intentional acts including civil disorder, enemy attacks, sabotage, terrorism, cyber-attack, or other incidents involving the use of weapons of mass destruction.

Technological Hazards - Technological failures or accidents including, but not limited to: industrial hazards, structural collapse, power outages, fires, explosions, transportation accidents, water supply failure and hazardous materials such as: chemical, biological, radiological and nuclear.

Natural Hazards

Hurricane/Tropical Storm

Due to its proximity to the Gulf Coast, Mississippi records several hurricane watches and/or warnings during the Atlantic hurricane season, which runs from June 1 to November 30. Since 1965, Mississippi has received declarations for a number of major hurricanes and tropical storms. Some of these storms have impacted counties as far inland as 300 miles with high winds, rain damage, severe storms and flooding which has caused billions of dollars in damage. (See www.fema.gov/disasters)

The Gulf Coast of Mississippi is one of the more densely populated areas of the state. It is comprised of Hancock, Harrison and Jackson counties and the second-tier counties located immediately upland from the coastal counties of George, Pearl River, and Stone. According to the 2014 U.S. Census, more than 395,276 residents reside in the coastal counties, while 97,855 residents make up the population in the second tier counties.

Not only are these counties densely populated with residents, but in recent years this area has experienced significant growth of the gaming industry which has increased planning requirements for the local population and tourists during hurricane warnings and evacuations. Furthermore,

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Harrison County is home to Gulfport, the major site for import commodities such as bananas for the nation, limonite ore and limestone, hardwood lumber, and other agricultural products.

Over the years, both residents and industry along the Mississippi Gulf Coast have felt significant and damaging impacts from hurricanes and tropical storms. Two historical hurricanes which have had the most impact were Hurricane Camille in 1969 and Hurricane Katrina in 2005. Combined these hurricanes resulted in the loss of approximately 387 lives and more than \$80 billion in property and crop damage. The impact was so great during Hurricane Katrina that a total of 49 counties were declared eligible for Individual Assistance; all 82 counties and the Mississippi Band of Choctaw Indians (MBCI) were eligible for Public Assistance under the Robert T. Stafford Disaster Relief and Emergency Assistance Act yielding a total of almost \$4.9 billion in federal disaster funding.

Earthquake

Due to Mississippi's location to the New Madrid Seismic Zone (NMSZ), recent studies indicate that the state has the potential of experiencing significant damage from an earthquake. According to the United States Geological Survey (USGS), "In 1811 and 1812, a series of great earthquakes near the New Madrid, Missouri area was felt in Mississippi as far south as the Gulf Coast. The New Madrid series caused the banks of the Mississippi River to cave in as far as Vicksburg, more than 300 miles from the epicenter region." However, the earliest and strongest earthquake reported within Mississippi occurred on December 16, 1931, at about 9:36 p.m. Using the Modified Mercalli Intensity Scale the average intensity was VI - VII which is a magnitude 5.0 - 5.9 on the Richter Scale. Several chimneys in Belzoni (Humphreys County) and Tillatoba (Yalobusha County) were damaged. Although damage was minimal from this episode, if the same magnitude occurred today, due to increased area population and infrastructure, it is likely significant damage would result.

Although the NMSZ is the primary seismic activity source for the Southeastern United States, there are other potential earthquake sources in Mississippi. The USGS has recorded more than 43 earthquakes originating within the boundaries of Mississippi since 1911. On June 29, 2015 a 3.2 magnitude earthquake with a depth of three miles, centered just 4 miles southwest of Canton, Miss., struck at 8:23 a.m. Residents in the area reported feeling the rumbling in their homes. This same area experienced two similar quakes on May 2, 2015 with magnitudes of 3.2 and 3.0 respectively. After those earthquakes the USGS said there is not a major fault line in the area but that plates do shift from time to time. Earthquakes are ranked in magnitude of 1.0 to 7.0 or higher.

- General details of magnitude 3.0 earthquakes from the USGS: Felt quite noticeably by persons indoors, especially on upper floors of buildings. Many people do not recognize it as an earthquake. Standing motor cars may rock slightly. Vibrations are similar to the passing of a truck.

Although none of these caused significant damage, they should not be disregarded.

The NMSZ has the potential of producing an earthquake greater than magnitude 7.0 on the Richter scale. In recent years the USGS, in conjunction with the Central United States Earthquake Consortium (CUSEC), released data related to Mississippi based on a New Madrid magnitude 7.7 scenario. Counties that have a high liquefaction hazard and are closest to the NMSZ would experience considerable losses. Lateral spreading, (ground failure due to liquefaction), could lead to impassable roadways, ruptured utility lines and damaged port facilities. Bridge damage could be significant, potentially isolating some communities. Overall, the potential impact could result in approximately \$3 billion in building and income losses, with overall economic losses approximating \$3.9 billion. More than 25 percent of the total number of buildings in the state could be at least moderately damaged. Fifteen percent of the building and income losses would most likely be related to business interruption.

Annually, Forrest County participates in “The Great Central U.S. ShakeOut,” an 11 state public earthquake drill which is held the third Thursday of every October. MEMA conducts extensive outreach and education efforts to all populations throughout the state and encourages all individuals, including those with disabilities and others with access and functional needs, businesses, community and faith-based groups, nonprofit organizations and all levels of government to participate in this important drill. Information and preparedness guides for all sectors and populations can be found at www.shakeout.org/centralus.

Tornado

Each year the state conducts an annual Tornado Preparedness Week in an effort to increase community awareness and education. It is either conducted during the last week of October or the first week of November.

Since 1950 the nation has recorded 26 violent/long-track tornados (136+ mph), nine of which occurred in Mississippi. The National Weather Service (NWS) data reflects that the Natchez tornado of 1840 resulted in 317 deaths and the Tupelo tornado of 1936 had a total of 216 deaths. These tornados ranked in the top five deadliest tornados on record.

The most tornados recorded in one year in Mississippi occurred in 2005 with a total of 120 tornados. This large number was directly contributed to both Hurricanes Katrina and Rita of that year.

On April 24, 2010, Mississippi experienced a historic tornado which ranked as the fourth longest in Mississippi history with a maximum width of 1.75 miles and ranked as the ninth deadliest tornado, resulting in 10 fatalities.

According to the NWS, in April 2011 Mississippi set a new record for tornadoes in any month with a total of 67 tornadoes. On April 27, 2011 several Mississippi communities were hit by two EF5 tornadoes with winds in excess of 200 mph. This is the first time since 1990 that any state has recorded two EF5 tornadoes on the same day. When the super-outbreak was over, 37 lives were lost and 49 counties and the Mississippi Band of Choctaw Indians reported some damages from strong winds, tornadoes and flooding.

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Additionally, on February 10, 2013, the City of Hattiesburg was hit by a violent EF4 multiple-vortex wedge tornado that devastated portions of Hattiesburg and Petal, Mississippi as well as surrounding locations. The Hattiesburg tornado was one of eight tornadoes that touched down in southern Mississippi and southwestern Alabama that day. The tornado reached a maximum path width of 0.75 miles and reached estimated maximum sustained winds of 170 mph in the Oak Grove community of west Hattiesburg. The tornado injured 82 people (see www.noaa.gov) and caused damage amounting to \$15.6 million. This was the first violent tornado to occur in Lamar and Forrest counties since April 24, 1908 in which 143 people were killed. (See www.fema.gov/disaster/4101)

In 2014, Mississippi was hit with a powerful spring storm system (April 27 - 30). The most devastating tornado was the EF-4 which tore a path across NE Leake County on April 28, the corners of Attala/Neshoba counties, and through the heart of Winston County where the city of Louisville was especially hard hit. According to the National Weather Service, this tornado was on ground for 34.3 miles and resulted in 11 fatalities and many injuries. Other hard hit counties were Lowndes, Rankin, Hinds, Scott, Newton, Montgomery, Warren and Jones. Each of these counties experienced at least one tornado, some multiple tornadoes. Overall, 21 tornadoes were confirmed. Of these tornadoes, three were rated EF-3, three rated EF-2, 12 rated EF1 and two rated EF-0.

Flooding

Floods occur seasonally with general or torrential rains associated with tropical storms that later drain into river basins and fill them with an abundance of water. Rivers, lakes and other water bodies have always overflowed their normal beds to inundate nearby land. The land adjacent to these bodies of water is called the floodplain.

Mississippi is prone to four types of flooding: river flooding, flash flooding, coastal (tidal) flooding and drainage flooding. Many areas in the state are located within the 100-year floodplain and more than 300 communities have been federally identified as Special Flood Hazard Areas (SFHA). Since 1892, approximately 90 percent of the counties in the State have been impacted by flooding. The Mississippi River Flood of 1927 resulted in some 246 deaths, more than 600,000 left homeless and approximately \$284 million in property damage. Additionally, the Pearl River Flood (Easter Flood) of 1979 resulted in four deaths and approximately \$400 million in property damage.

In April and May, 2011 the Mississippi River once again overflowed its banks causing the U.S. federal government to declare 13 counties along the Mississippi River and its tributaries as federal disaster areas. A total of 1,262 applications were approved by FEMA for housing needs. The total amount of assistance requested from FEMA was \$13.7 million. Of this amount almost \$13 million went to meet housing needs through the individual assistance program. The remaining funds went toward other needs assistance.

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Since 1984, under provisions of the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988 (PL 93 –288 as amended) and its predecessor, the Disaster Relief Act of 1970 (PL 91-606), 19 floods have resulted in being federally declared “Major Disasters.”

Wildfire

Agriculture is Mississippi’s number one industry, employing 29 percent of the state’s workforce either directly or indirectly. With approximately 42,000 farms in the state covering 11 million acres, wildfires in Mississippi could not only threaten human life, but economic viability as well.

Mississippi’s total land area is 30.2 million acres and the total forest acreage is 20 million. Forestry directly creates 15,163 jobs statewide and supports a total of 123,659 jobs. Mississippi forests create a \$17.4 billion value added to the economy each year. Since 1990, 45 counties per year (out of 82) have had timber as the most valuable agricultural crop.

Mississippi traditionally has two wild land fire seasons each year. The first season usually begins in late October with the first frost and hardwood leaf drop and runs through December. The second season usually begins in February and runs to mid-April or until spring green-up. These seasons vary from year to year, depending on rainfall, wind and other weather factors. The southern one-third of the state generally tends to have the most wild land fire activity. According to the MFC 2012 Annual Report, Mississippi averages 3,200 wildfires a year burning more than 55,000 acres. Average wild land fire size is close to 15.9 acres. (See *State of Mississippi Standard Hazard Mitigation Plan*).

Winter Weather

Mississippi is potentially vulnerable to winter weather events which are categorized as heavy snow, ice storm, or winter storm (combination of ice, snow and freezing rain). According to the State of Mississippi Standard Mitigation Plan (2013), between 1996 and 2013, there were at least 73 damaging winter weather events with a reported loss of more than \$68 million in property damages. Event occurrence follows a geographic pattern. Winter storms occur most frequently in the northern counties with frequency of occurrence diminishing in a southward pattern.

In 1994, Mississippi experienced a damaging ice storm which was reported by the NWS as the worst since 1951. It not only affected Mississippi, but southeast Arkansas, west Tennessee, northwest Alabama and north Louisiana. Combined, the total damage estimates exceeded \$300 million and a federal disaster declaration for 26 counties.

In 1998, Mississippi experienced another winter storm which caused more than \$16 million in property damage.

In 2009/2010, NWS characterized Mississippi’s winter as below-normal temperatures across the state. In Jackson, it was the fourth coldest winter since temperature records were first collected in 1896. It was also the ninth snowiest winter in Jackson, with one snowfall of 5.5 inches recorded by the NWS Forecast Office. In January 2010, prolonged sub-freezing temperatures caused massive failure of water mains throughout Jackson and the Central Mississippi region, creating

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problems for residents and causing emergency conditions at hospitals, police precincts, businesses, restaurants, communications systems and state facilities.

In 2015, Mississippi experienced multiple winter weather events between February and March.

In February, a winter weather system affected much of the north central part of the state. Counties in this region saw between 3-6 inches of snow. Some areas reported nearly 10 inches of accumulation. Several fatalities occurred and power outages were reported from 16 counties.

In March, moderate sleet fell in portions of Central Mississippi. Certain portions of the Delta experienced significant accumulation. Other areas south and east Mississippi saw sleet, with little or no accumulation. The Natchez Trace corridor received between ½ inch to 1 - 2 inches in the northern parts of the Delta. During both events, schools, state and local government agencies were closed or had delayed openings.

Man-made and Technological Hazards

Mississippi is home to significant infrastructure, populations and government functions that place it at risk for unintentional or intentional acts which could cause physical damage, casualties, or operational disruptions. Over the years, the frequency of man-made and technological hazards has increased mainly due to the number and availability of hazardous substances and the potential for human error. The vast network of interstate highways and railways result in vulnerabilities to hazardous material releases from both stationary and transportation sources.

Specific man-made or technological hazards which could occur include:

A virulent strain of pandemic influenza - This type of hazard has the potential to cause casualties in the hundreds of thousands and result in economic loss. Additional human and animal infectious diseases, including those previously undiscovered, may present significant risk.

Dam failures or chemical substance spills or releases - This type of hazard may have the potential to cause extensive fatalities and severe economic impacts and the likelihood of occurrence may increase due to aging infrastructure.

Terrorist organizations or affiliates - These organizations may seek to acquire, build and use weapons of mass destruction (WMD). Conventional terrorist attacks, including those by “lone actors” employing explosives and armed attacks, present a continued risk to the state.

Cyber-attacks - Attacks such as this can have their own catastrophic consequences and can also initiate other hazards, such as power grid failures or financial system failures, which magnify the potential impact of cyber incidents.

For further information regarding Forrest County’s hazards, vulnerabilities and how the county expects to receive (or provide) assistance within its local response structures refer to the *Forrest*

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the Mississippi Band of Choctaw Indians and the State of Mississippi,” 24 November 1997
Kept under separate cover)

- When a major emergency or disaster occurs in any locality, an evaluation of the severity and magnitude will be made by MEMA in coordination with local officials and representatives of other state and federal agencies.
- If the situation in Forrest County warrants support from the state, the Forrest county Board of Supervisors and the Cities of Hattiesburg, and Petal will sign a **Resolution Requesting Governor to Proclaim a State of Emergency (DR-4)** and submit to MEMA through e-mail, fax, WEBEOC or the MEMA Area Coordinator (AC).
- If the situation in Forrest County warrants support from the state, the Governor will declare a state of emergency and the State Emergency Operations Center (SEOC) will be activated at the appropriate level to support a coordinated response.
- If an incident exceeds the capabilities of both the state and local governments, the state will request assistance from other states using the Emergency Management Assistance Compact (EMAC).
- The Federal government will provide emergency assistance to Mississippi when requested and in accordance with the NRF. Federal assistance is provided by the Robert T. Stafford Disaster Relief and Emergency Assistance Act [§Public Law (PL) 93-288, as amended by PL 100-707] through the implementation of the NRF, or by Presidential Declaration of either an “Emergency” or “Major Disaster.”

II. CONCEPT OF OPERATIONS

Incidents typically begin and end locally and are managed on a daily basis at the lowest possible geographical, organizational, and jurisdictional level. This plan takes into account the involvement of the whole community, which includes individuals, communities, the private and non-profit sectors, faith-based organizations, and federal, state and local governments who are mandated or encouraged to develop, exercise, and maintain individual CEMPs.

When local resources become exhausted emergency managers depend on the involvement of multiple jurisdictions for support. Therefore, it is imperative that the whole community be prepared to assist in this effort. This plan will be activated under the direction of the Forrest County Board of Supervisors or by their designee in response to emergency or disaster events which prove to exceed the ability and resources of local emergency management.

A. National Response Framework (NRF)

The NRF is a guide to how the nation conducts all-hazards incident response. The NRF states that the role of a state government during emergency response is to supplement local efforts before,

during and after a disaster or emergency situation. If a state anticipates its needs may exceed its resources, the Governor can request assistance from other states through mutual aid agreements (MAAs), EMAC, and/or the federal government. **If a county in Mississippi anticipates its needs may exceed its resources, the county Board of Supervisors can request assistance from other counties through the SMAC Agreement.**

The NRF emphasizes the concept of resilient communities. Resiliency begins with prepared individuals and depends on the leadership and engagement of local government, civic leaders and private sector businesses and organizations. These entities should work with individuals, families and service providers for people with disabilities and others with access and functional needs to enhance their awareness of risk levels and specific threats, develop household emergency plans that include household pets and service animals and prepare emergency supply kits.

B. National Incident Management System (NIMS)

NIM provides a consistent framework for incident management, regardless of the cause, size, or complexity of the incident. NIMS provide the nation's first responders and authorities with the same foundation for incident management for all hazards.

Executive Order No. 932 as signed by the Governor of the State of Mississippi designates the NIMS as the basis for all incident management in the State of Mississippi. NIMS provides a consistent nationwide approach for federal, state, tribal and local governments to work together to prepare for, prevent, respond to and recover from domestic incidents, regardless of cause, size, or complexity. **Forrest County has adopted the Incident Management System by signing a NIMS Standard Operating Guideline (SOG) which implements the Incident Command System in this county.**

The components of NIMS include:

- Incident Command System (ICS)
- Multi-agency Coordination Systems (MACS)
- Training
- Identification and management of resources (including systems for classifying types of resources)
- Qualification and certification
- Collection, tracking, and reporting of incident information and incident resources

C. Incident Command System (ICS)

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ICS is a critical component of NIMS and is used to manage all incidents. ICS is used to organize on-scene operations for a broad spectrum of emergencies from small to complex incidents, both natural and man-made. The field response level is where emergency management/response personnel, under command of an appropriate authority, carry out tactical decisions and activities in direct response to an incident or threat. Resources from the federal, state, tribal, or local levels, when appropriately deployed, become part of the field ICS as prescribed by the local authority. ICS is used by all levels of government – federal, state, tribal, and local – as well as by many non-governmental organizations (NGOs) and the private sector. ICS is applicable across disciplines.

ICS Management includes the following characteristics:

- Common Terminology
- Modular Organization
- Management by Objectives
- Reliance on an Incident Action Plan (IAP)
- Manageable Span of Control
- Pre-designated Incident Mobilization Center Locations and Facilities
- Comprehensive Resource Management
- Integrated Communications
- Establishment and Transfer of Command
- Chain of Command/Unity of Command
- Unified Command
- Accountability of Resources and Personnel
- Deployment
- Information and Intelligence Management

D. Unified Command System (UC)

Unified Command is a structure that brings together the Incident Commanders of different organizations/agencies involved in the incident in order to coordinate an effective response while at the same time carrying out their own jurisdictional responsibilities.

The UC links the organizations/agencies responding to the incident and provides a forum for these entities to make consensus decisions. Under the UC, the various jurisdictions and/or agencies and non-government responders are co-located or closely coordinate and communicate throughout the operation to create an integrated response team.

The UC is responsible for overall management of the incident and possesses the decision-making authority. The UC directs incident activities, including development and implementation of overall objectives and strategies and approves ordering and releasing of resources. Members of the UC will work together to develop a common set of incident objectives and strategies, share information, maximize the use of available resources and enhance the efficiency of the individual response organizations.

UC members shall represent an appropriate level of authority in their respective organizations and agencies as well as the resources to carry out their responsibilities. The UC members may change as the response transitions out of emergency response into recovery. In conjunction with the ICS the UC enables state agencies and the federal government to carry out their own responsibilities while working cooperatively within one response management system.

E. Multi-agency Coordination System (MACS)

Multi-agency coordination is a cornerstone of comprehensive emergency management. Fundamentally, MACS provide support, coordination and assistance with policy-level decisions to the ICS structure managing an incident. MACS may be required on large or wide-scale incidents that require higher-level resource management or information management. The primary functions of MACS are to:

- Support incident management policies and priorities
- Facilitate logistics support and resource tracking
- Make resource allocation decisions based on incident management priorities
- Coordinate incident-related information
- Coordinate interagency and intergovernmental issues regarding incident management policies, priorities and strategies

MACS include emergency operations centers, such as the Forrest County Emergency Operations Center and the State Emergency Operations Center (SEOC), and, in certain multi-jurisdictional or

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complex incidents, multi-agency coordination entities. Multi-agency coordination entities are responsible for:

- Ensuring that each involved agency is providing situation and resource status information
- Acquiring and allocating resources required by incident management personnel
- Coordinating and identifying future resource requirements
- Coordinating and resolving policy issues
- Providing strategic coordination

F. Public Information/Interoperable Communications

1. Public Information

Public information consists of processes, procedures and systems to communicate timely, accurate and accessible information on the incident's cause, size and current situation to the public, responders and additional stakeholders. Public information must deliver coordinated, prompt, reliable and actionable information to the whole community through the use of clear, consistent, accessible, and culturally and linguistically appropriate methods to effectively relay information regarding any threat or hazard, as well as the actions being taken and the assistance being made available, as appropriate.

Translation of important MEMA materials ensures that Public Information Officers (PIOs) are able to communicate risk and safety actions to nearly all citizens of Mississippi. This includes non-English speaking populations. Translation services are available commercially and have been identified by the MEMA PIOs.

Interpretation for the deaf and hard of hearing is also of critical importance. MEMA PIOs will contact a certified interpreter from the MS Department of Rehabilitation Services to participate in critical MEMA news conferences from the State Emergency Operations Center. Critical news releases and information may also be interpreted and distributed through the use of vendors who specialize in translation into American Sign Language and posted and distributed via the Web. Specific vendor information along with detailed procedures for communicating with special needs populations are found in the MEMA External Affairs SOG (under separate cover). Forrest County utilizes the services offered by the MEMA External Affairs Office

2. Interoperable Communications

NIMS stresses that the success of incident response and recovery operations depends on the availability and redundancy of critical communications systems to support connectivity to internal organizations, other departments or jurisdictions, and the public. The Forrest County government and its agencies, as well as local jurisdictions, will strive to achieve interoperable communications, including testing their communications equipment bi-annually to assess the adequacy to support essential functions and activities and ability to communicate with first responders, emergency personnel, federal and state governments, other agencies and organizations and the general public. The Mississippi Wireless Communications Commission (WCC) heads up the statewide communications 700 MHz communications project funded by several federal agencies (i.e. FEMA and the Federal Communications Commission (FCC)). This system was developed to insure interoperability between Federal, State, tribal, and local levels of government. All counties and the MBCI maintain their own local radio systems. However, they have access to this system.

Forrest County utilizes both traditional communications systems and modern technologies such as WebEOC[®], Internet, high frequency (HF) phones, radios and satellite networks combined with backup from other local agencies tasked under this plan to enhance the county's capability in communications and automated data systems.

Internal and external communications equipment is essential to support disaster recovery efforts. Each is needed to disseminate instructions and operational guidance. Internal communications equipment may utilize existing telephone systems, e-mail, satellite radio, facsimile machines, HF radio, or messengers (in extreme situations). External communications utilize existing systems; in a major disaster, existing communications may require augmentation to handle the increased volume of traffic.

G. Local, State and Federal Relationships

The Forrest County CEMP addresses the full spectrum of emergency management activities related to incident management for response and recovery, consistent with state law. The MS Code Ann. § 33-15-1(1972) is the legal guidance for all emergency management operations. It addresses legal issues as it relates to preparedness, response, or recovery actions. MS Code Ann. § 33-15-21(1972) addresses the liability protection that is available to responders.

FEMA: IV. "Non-Discrimination Principles of the Law" addresses Federal civil rights laws which require equal access for, and prohibit discrimination against, people with disabilities in all aspects of emergency planning, response, and recovery. State and local plans adhere to Federal non-discrimination laws governing emergency management preparedness, response, and recovery actions. Key non-discrimination concepts applicable under such federal laws and how they apply to all phases of emergency management can be found at <http://www.fema.gov/iv-non-discrimination-principles-law>.

I. Local

The initial responsibility for the first level of response, emergency actions, direction, control and coordination rests with the local government through both its elected and appointed officials. County and municipal governments handle the majority of emergencies in accordance with local laws and community requirements.

The Forrest County Emergency Management Director is recognized as the legal authority for requesting all state and federal assistance as stated in Mississippi Emergency Management Law and the Mississippi Comprehensive Emergency Management Plan (CEMP 9/2015).

Local police, fire, emergency medical services (EMS), emergency management, public health and medical providers, public works, and other community agencies are often the first to be notified about a threat or hazard and to respond to an incident. These entities work with individuals, families, and service providers for people with disabilities and others with access and functional needs to enhance their awareness of risk levels and specific threats, develop household emergency plans that include household pets and service animals, and prepare emergency supply kits. Information on how to prepare emergency supply kits can be found on the MEMA website at www.msema.org and on www.ready.gov.

If an incident escalates and exceeds the capability of local resources and personnel, state resources may be made available through coordination with MEMA. Local authorities should respond to the severity and magnitude of the incident by:

- Proclaiming a “Local Emergency” [MS Code Ann. § 33-15-17 (d)(1972)]
- Fully employing their own resources [MS Code Ann. § 33-15-49(1972)]
- Designating capable personnel to make requests to MEMA for additional resources, if necessary [MS Code Ann. § 33-15-17(a) (1972)].

Counties and other localities should implement the State Mutual Aid Compact (SMAC) and/or MAAs with each other, as well as with neighboring jurisdictions, local organizations or chapters of volunteer organizations, private industry or others, as appropriate.

Each municipality within a county must coordinate requests for state and federal emergency response assistance through the county emergency management agency.

Assistance from higher levels of government is obtained by requests from the head of the affected local government (or the designated representative) to the head of the next higher level of government.

Local government officials shall take formal action to proclaim the existence of a local emergency [MS Code Ann. § 33-15-17(d) (1972)] and record the action in the minutes of the board or council meeting.

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Requests for assistance from a local government will, at a minimum, contain the following:

- The specific cause(s) of the emergency or disaster
- The effective date (beginning of the incident)
- The anticipated date the emergency will expire. **(By law, an emergency action automatically ends 30 days from the date of enactment unless it is extended by official action of the governing body)**
- Special provisions deemed necessary to cope with the situation. These include, but are not limited to: suspension of selected routine public services, reallocation of scarce resources such as fuel, energy, food and water supplies, reassignment of manpower; movement, combination, or relocation of government offices; activation of shelters, imposition of curfews and provision for emergency purchasing authority.

Local government officials, through the Civil Defense/Emergency Management (CD/EM) Director, or designee, are expected to submit minimum prescribed reports to MEMA according to state reporting requirements. These reports, which are found on the MEMA web page, www.mema.ms.gov, are updated periodically and include the following:

- Initial Disaster Report (MEMA DR-1) - Due within 4 hours of incident
- Situation Report (MEMA DR-2) - Due within 24 hours of the incident and every 24 hours thereafter until the reporting process for that incident is finished
- Proclamation of Local Emergency (MEMA DR-3). **(Within 24 hours and renewed every 30 days as needed).**
- If state assistance is requested, a resolution requesting the Governor to proclaim a state of emergency (MEMA DR-4).

If local governments request state and/or federal assistance, local officials are required to submit, through the local emergency management director to MEMA, as agent for the Governor, the above reports plus the following assessments:

- Full *Damage Assessment Package* (MEMA DA forms)
- Report of obligations and expenditures.

All requests for resources and assistance from local governments must be documented. WebEOC® is designated by MEMA as the primary tool for documentation of all requests (if the electronic connectivity is available during and following the incident). Requests may be

made by e-mail, telephone, or field copy via the MEMA Area Coordinator to the SEOC should connectivity not be available.

The policy and responsibility of MEMA is to identify, monitor, and evaluate potential problem conditions that might affect the state and its political subdivisions; when possible, advise or warn those areas potentially affected; and receive, evaluate, and respond to requests for emergency or disaster assistance from local government entities as appropriate.

MEMA will make an evaluation of the situation, based on local government reports and other reports made available by personnel from supporting state agencies and departments and recommend to the Governor whether to declare a state of emergency.

2. State

The mission for the Mississippi Emergency Management Agency is to ensure that the public is educated on what disaster or emergencies may occur and how to best protect themselves and their property. This is accomplished through public awareness campaigns, tours of the State EOC, public speaking engagements and public relations materials that include public service announcements, news releases, the agency's website, social media and printed handout materials.

A top priority for the Mississippi Emergency Management Agency is building a new "Culture of Preparedness," to ensure that every Mississippian is prepared for any type of disaster, whether natural or man-made. Preparedness begins with individuals and families, but a key component is for communities to come together and help one another prepare. MEMA encourages every family to have a fully-stocked disaster supply kit, and also have a home evacuation plan. Detailed information for individuals, families, and community preparedness are located on the MEMA website www.mssema.org under "be prepared."

The State's policy is that all emergency management functions be coordinated to the maximum extent with comparable functions of the federal government [MS Code Ann. § 33-15-(3) (b) (1972)].

When the Governor declares an emergency the full resources of State government, as directed by MEMA, shall be made available to provide assistance to local governments, or to otherwise fulfill state responsibilities.

MEMA is authorized to request other State of Mississippi agencies to complete various tasks as appropriate for effective emergency management as defined in [MS Code Ann. § 33-15-11(1972)].

Resources will be requested by local government or state agencies in WebEOC[®] and tasked by the Logistics Chief or designee to the affected area (see ESF #7 and Logistics Management Annex). The Resources Unit, within the SEOC Plans Section, will track personnel only deployed in support of response efforts.

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If the state becomes overwhelmed and federal assistance is needed, the Governor may proclaim a state of emergency [MS Code Ann. § 33-15-11(b) (16) (1972)], implement the state CEMP and request federal assistance in one of two forms:

- A request is made to the Regional Director of FEMA for implementation of the NRF to provide immediate response and early recovery assistance. This request for the NRF may or may not be preliminary to a request for the President to declare either an emergency or a full scale major disaster.
- A request is made to the President through FEMA to declare either an emergency or a major disaster for specific areas (counties).

The request to the President to declare either an emergency or major disaster is prepared as follows:

- MEMA prepares the request for a Presidential Declaration and submits it to the Governor for signature.
- After the Governor signs the request, it is forwarded to the Regional Director of FEMA, who forwards it to the Administrator of FEMA, who then forwards it to the President.

If the Governor requests and receives a Presidential Declaration of an emergency or major disaster, state and federal personnel are appointed to coordinate the joint process in the Joint Field Office (JFO).

The MEMA Executive Director, unless otherwise directed by the Governor, serves as the Governor's Authorized Representative (GAR) to sign legal documents. The GAR authorizes all state requests for federal assistance and obligates the state for its matching share (25 percent, or less, depending on the federal-state agreement) of total approved costs. The MEMA Executive Director or designee normally serves as both the State Coordinating Officer (SCO) to coordinate response and recovery activities and as the alternate GAR.

3. Federal

Should an incident be catastrophic (i.e., of such severity and magnitude to require immediate federal assistance without delay), FEMA will initiate the preliminary process to implement assistance as outlined in the Robert T. Stafford Disaster Relief and Emergency Assistance Act.

FEMA will coordinate the dispatch of a federal interagency Incident Management Assistance Team (IMAT) to the SEOC to monitor and evaluate the development and impact of the incident. Depending upon the severity of the incident, representatives of designated ESFs, both state and federal, follow the federal IMAT to coordinate activation of each ESF, as needed. Federal agencies supporting each ESF assume a close working relationship with the

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state agency having primary responsibility for that function. The state maintains the primary responsibility for response and recovery functions while federal counterparts coordinate for federal resource support. Federal government representatives assigned the lead of ESFs are requested to be present at the Mississippi SEOC or JFO and to be seated side-by-side with state leaders for corresponding ESFs.

FEMA may dispatch a Regional IMAT, consisting of regional-level staff, as a first deployment to the field in response to a disaster incident.

When resources of the FEMA Region have been, or expect to be, overwhelmed in the event of a catastrophic incident, FEMA will dispatch a National IMAT.

If an incident is thought to be an act of terrorism, the Secretary of Department of Homeland Security will, in consultation with other federal departments and agencies as appropriate, provide coordination for federal operations and/or resources and conduct ongoing communications with the State of Mississippi to maintain situational awareness, analyze threats, assess national implications of threat and operational response activities and coordinate threat or incident response activities with the State of Mississippi.

4. Local, State, and Federal Relationship - Special Needs Population

Forrest County recognizes that throughout all mission areas and phases of emergency management the local, State, and Federal government must take into account the needs of the whole community. Forrest County adheres to FEMA: IV. "Non-Discrimination Principles of the Law" which require equal access for, and prohibit discrimination against, people with disabilities in all aspects of emergency planning, response, and recovery. There will be no discrimination on grounds of race, color, religion, nationality, sex, age, handicap, language, or economic status in the execution of disaster preparedness or disaster relief and assistance functions. This policy applies equally to all levels of government, contractors, and labor unions. Consumer complaints pertaining to alleged unfair or illegal business practices during the emergency will be referred to the State Attorney General's Consumer Protection Division.

Specific members of the population of special interest are:

a. Populations with Access and Functional Needs

According to the 2014 American Community Survey (1-year Estimates) there are approximately 15,500 or 14.2% of Forrest County's population who are disabled. (Source: <http://factfinder2.census.gov>)

Populations with access and functional needs may include those members of the community who:

- Have disabilities
- Live in institutionalized settings

- Are elderly
- Are children
- Are from diverse cultures
- Have limited English proficiency or are non-English speaking
- Are transportation disadvantaged

These members of the community may have needs before, during and after an incident in access and functional areas, including but not limited to: maintaining independence, communication, transportation, supervision, and medical care.

When considering this population and others who are at-risk, emergency management plans should take into account the following:

- Communications and Public Information - Emergency notification systems must be accessible to ensure effective communication for people who are deaf/hard of hearing, blind/low vision, or deaf/blind.
- Evacuation and Transportation - Evacuation plans must incorporate disability and older adult transportation providers for the purpose of identifying the movement of people with mobility impairments and those with transportation disadvantages.

During State-declared catastrophic incidents, the Mississippi State Department of Health (MSDH) utilizes specialized vehicles such as ambulatory buses and wheelchair vans for affected populations with special medical needs. However, these vehicles can be used for persons with functional needs requirements as well. The vehicles are maintained at the county MSDH offices. Additionally, the Mississippi Department of Transportation (MDOT) maintains a fleet of public transit vehicles that are used on a day-to-day basis to transport the elderly and those who have transportation challenges. These vehicles will be called upon to augment ESF #6 requirements for ensuring that affected persons with functional needs and special medical needs are provided for.

- Sheltering - Care and shelter plans must address the access and functional needs of people with disabilities and older adults to allow for sheltering in general population shelters.
- Americans with Disabilities Act of 1990, As Amended -When shelter facilities are activated, the state will work with local officials to ensure they accommodate the provisions of the Americans with Disabilities Act (ADA). Refer to the ADA

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Checklist for Emergency Shelters, July 26, 2007, located at <http://www.ada.gov/pcatoolkit/chap7shelterchk.htm>.

- Functional Needs Support Services (FNSS) Compliance - FNSS are defined as services that enable individuals to maintain their independence in a general population shelter. All shelters must meet physical and programmatic accessibility requirements as defined by the Americans with Disabilities Act. An FNSS designation means that shelters provide a higher level of attendant care than general population shelters. Any facility designated as an approved shelter must meet minimum safety requirements. To ensure consistency with State and Federal standards, guidelines, and best practices, all shelters are required to be American Red Cross (ARC) compliant. FNSS Compliance includes:
 - a. Reasonable modifications to policies, practices, and procedures
 - b. Durable medical equipment
 - c. Consumable medical supplies
 - d. Personal assistance services
 - e. Other goods and services as needed

When local government becomes overwhelmed, MDHS will act in conjunction with the American Red Cross to meet victims' needs. Refer to www.fema.gov/iv-non-discrimination-principles-law for FNSS Guidance. For FNSS shelter guidance, refer to "Guidance on Planning for Integration of Functional Needs Support Services in General Population Shelters" November 2010.

b. At-Risk Individuals

Plans must take into account the at-risk population such as, but not limited to: the homeless, transportation disadvantaged, those without communication systems such as telephones and tourists who may not be in contact with traditional emergency service providers. These individuals may find it difficult to access and use standard resources to prepare for, respond to, and recover from disasters. Local government and its political subdivisions must include provisions in their emergency response plans that address the specific needs of these individuals during response and recovery.

As the coordinating agency for ESF #6, it is the responsibility of the MDHS local office to coordinate the facilitating of additional services in FNSS shelters. Examples of these services include but are not limited to:

- Bariatric beds and linens
- Procurement of health aids (i.e. eyeglasses, canes, oxygen tanks, etc.)
- Language interpreters

- Communications aids (i.e. brail, hearing aids, etc.)

Additional information regarding FNSS in shelters can be found in ESF #6.

III. ORGANIZATION AND ASSIGNMENT OF RESPONSIBILITIES

A. Organization

Forrest County is organized into two levels of government: municipality and county. After the occurrence of emergencies or disasters, the Forrest County Board of Supervisors will assume Executive Emergency Powers of the Governor as provided under MS Code Ann. § 33-15-11(1972) and MS Code Ann. § 33-15-13(1972), otherwise cited as the *MS Emergency Management Act of 1995*.

B. Responsibilities

The intent of the Forrest County CEMP includes, but is not limited to: reducing the vulnerability of the people and property of this county; preparing for the efficient evacuation and shelter of threatened or affected persons, to include: children, individuals with disabilities and others with access and functional needs, diverse communities and people with limited English proficiency; preparing for the evacuation and shelter of threatened household pets and service animals; providing for the rapid and orderly provision of relief to persons; and coordinating activities relating to emergency prevention, protection, response, recovery, and mitigation among and between agencies and officials of this state, with similar agencies and officials of other states, local and federal governments, interstate organizations, and the private sector.

C. Local

1. It is the responsibility of Forrest County through its elected officials to establish and provide for the necessary organizational structure that will alleviate human distress and return the community to normal as soon as possible after a major emergency or disaster. To accomplish these goals, it is imperative that effective planning be accomplished.
2. Powers, rights, duties, functions, and privileges are exercised by the County Board of Supervisors and by the Mayors and governing boards of all municipalities.
3. *The Emergency Management Act of 1995* requires each county operating individually or jointly, to establish and maintain a local emergency management organization. Local officials will appoint a local Emergency Management Coordinator or official who will have direct responsibility for the organization, administration and operation of a local organization for emergency management, subject to the direction and control of local officials.

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4. **As stated in Title 33, Chapter 15 Mississippi Code of 1972, Annotated,** each county will develop an emergency management plan and program that is coordinated and consistent with Mississippi's CEMP.
5. Incident management activities shall be initiated and conducted using the NIMS command and management principles. In accordance with NIMS requirements, the ICS will be used as the on-scene incident management system.
6. Local CEMPs should be prepared and revised annually to reflect any local, tribal, State, or Federal changes. MEMA will schedule a two-year review and assist the counties in a rewrite every five years. (See § 33-15-14 of the MS Emergency Management Law Preparation and maintenance of state comprehensive emergency management plan.)
7. Local plans should be tested and exercised annually to ensure they are adequate and represent the current level of local capability to respond to and recover from a disaster or emergency. These plans must also be compatible with the State's CEMP and provide guidance and operating procedures to apply for supplemental state and federal assistance after local resources are committed or exhausted.
8. **All local personnel that ... funded through the Emergency Management Performance Grant (EMPG) must participate in at least three exercises annually. Additionally, completion of certain NIMS and professional development courses is required (or must meet current FEMA guidelines).**
9. Agencies of local governments are assigned responsibilities and specific tasks by the local governing body according to their capabilities. They are responsible for initial response and relief efforts and for advising their government officials when assistance is needed.
10. The President of the Board of Supervisors is the primary official responsible for action of county government. The Mayor is the Chief Executive Officer responsible for actions of municipal government. County and city governing authorities are authorized to:
 - Assign and make available employees, property, and equipment for emergency operations
 - Establish a local EOC and secondary control centers to serve as emergency command posts
 - If warranted, proclaim a local emergency to exist upon the occurrence or imminent threat of a natural disaster
 - Activate local plans and appropriate MAAs

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- Prepare and submit requests for state assistance through the counties
- Accept services, equipment, supplies, or funds by gifts, grant, or loan from the State or Federal government or any person, firm, or corporation
- Organize and staff emergency preparedness entities for the purpose of coordinating and managing disaster response and recovery

11. In case of an emergency/disaster situation, the impacted counties/municipalities will be responsible for the following:

- Coordinating the emergency response effort within their political jurisdictions (county and municipalities)
- Providing regular situational updates to MEMA
- Directing local evacuations, coordinating shelter activation and requesting outside assistance when necessary
- Activating MAAs and/or SMAC with neighboring counties and among municipalities within the county
- Proclaiming a local state of emergency and making a formal request for state assistance
- Designating local public information officers (PIOs) for coordination with the Joint Information Center (JIC)
- Documenting all requests for resources and assistance using WebEOC[™] (if the electronic connectivity is available during and following the incident)

Protective actions, such as evacuation and re-entry, are local in scope. In such cases, emergency preparation and response activities for an area are coordinated and administered by county officials, using local resources in accordance with county policies and plans.

12. Section 17-7-1 of the Mississippi Code provides for relocation of the center of local government in an emergency.

The Forrest County Emergency Management Director, along with elected officials, is responsible for all policy level decisions in disaster situations. (In the absence of an appointed Emergency Management Director, responsibility for this function will revert to the Deputy Director or County Administrator.)

COOP/COG actions at local levels will be initiated and implemented in close collaboration with MEMA. It is the responsibility of every local government to develop a functional COOP/COG plan.

Continuity of Government

1. Forrest County
 - a) President of the Board of Supervisors
 - b) Vice President
 - c) Board Members in order of Seniority
 - d) County Administrator
2. Cities of Hattiesburg and Petal
 - a) Mayor
 - b) Vice-Mayor
 - c) Board of Alderman
3. Forrest County Emergency Management Agency
 - a) Emergency Management Director
 - b) Designee

D. State

1. State Government

- a. The Governor is responsible for declaring that a state of emergency exists and at such time, directs all available state and local resources, as reasonably necessary, to cope with the disaster utilizing NIMS/ICS doctrine. This includes the designation of an "Emergency Impact Area", transfer and direction of personnel or functions of state agencies or units for the purpose of performing or facilitating disaster services and designation of a state level Incident Commander (IC) as needed.
- b. The State of Mississippi is responsible for providing assistance to any political subdivision within the state that requests emergency or disaster assistance. The MEMA Executive Director shall coordinate and cooperate with the President and other federal officials as well as review and execute intrastate and interstate MAAs and compacts (EMAC/SMAC).
- c. During a declared emergency period, the state may take any action authorized under the provisions of the law without regard to a particular order, rule, or regulation of a state agency, if such action is necessary to protect the safety and welfare of the inhabitants of this state.

- d. Protection, prevention, response, and recovery efforts for all threats or acts of terrorism within the state, regardless of whether they are deemed credible and/or whether they escalate to a higher level, are coordinated with the Mississippi Department of Public Safety (DPS) and Mississippi Office of Homeland Security (MOHS) as referenced in the Terrorism Incident Annex of the Mississippi CEMP.

2. Mississippi Emergency Management Agency (MEMA)

- a. MEMA, with its Executive Director and staff, is authorized by MS Code Ann. § 33-15-7(1972). MEMA has responsibility for the coordination of all state emergency management activities.
- b. MEMA operates as the 24-hour state warning point. (Refer to ESF #2 - Communications and the MEMA Communications Standard Operating Guidelines (SOG) for additional information).
- c. In the event an emergency or disaster situation develops within the state, the MEMA Executive Director shall activate the SEOC which will be staffed at the appropriate level throughout the duration of the situation.
- d. MEMA will coordinate resources in the field.
- e. MEMA can serve as liaison between local government and other State of Mississippi agencies.

3. Other State Agencies

- a. Per the Emergency Management Law, responsibilities have been assigned to various state agencies listed in this plan's ESFs and Support and Incident Annexes. Agencies assigned the primary role are responsible for performing special emergency support functions.
- b. These agencies have been determined to have the appropriate resources and day-to-day operational expertise to provide guidance and leadership for supporting MEMA and local units of government. Agencies assigned supporting roles are responsible for supporting primary agencies with resources and personnel.
- c. State agencies assigned primary and supporting roles in this plan are responsible for planning and preparing in the pre-emergency period to ensure capabilities exist to effectively carry out their emergency responsibilities and for ensuring rapid response should their assistance be required elsewhere in the state. Planning and preparation responsibilities include, but are not limited to: annual revisions and updates as required of their respective ESFs, developing detailed SOPs, checklists, and an alert

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and notification system for key personnel whose services will be required immediately upon implementation of this plan [MS Code Ann. § 33-15-14(2)(a)(viii)(1972)].

- d. In addition to primary and support duties, other additional tasks may be assigned by MEMA to state agencies based on the existing need. As provided in [MS Code Ann. § 33-15-11(1972)], all departments, agencies, offices and institutions of the state not assigned emergency responsibilities shall make their resources available in support of the emergency management program.
- e. Chief executives of the agencies shall designate agency representatives and key decision makers to be present at the county EOC until emergency operations return to manageable levels.
- f. Chief executives of the agencies shall designate PIOs to the JIC.

4. Continuity of Operations Plan (COOP)/Continuity of Government (COG)

Section § 17-7-1 of the Mississippi Code, “Removal of sites of government in emergency resulting from natural, disaster, enemy attacks, etc.”, provides for relocation of the center of State government in an emergency.

- Whenever, due to an emergency resulting from a natural disaster, the effects of enemy attack, or the anticipated effects of a threatened enemy attack, it becomes imprudent, inexpedient or impossible to conduct the affairs of municipal and county governments or any subdivisions thereof at the regular or usual place or places thereof, the governing body of each political subdivision of this state may meet at any place within or without the territorial limits of such political subdivision on the call of the presiding officer or any two (2) members of such governing body, and shall proceed to establish and designate by ordinance, resolution or other manner, alternate or substitute sites or places as the emergency temporary location, or locations, of government where all, or any part, of the public business may be transacted and conducted during the emergency situation. Such sites or places may be within or without the territorial limits of such political subdivision and may be within or without this state.

The MEMA Executive Director, along with the Governor, is responsible for all policy level decisions in disaster situations. In the absence of an appointed Emergency Management Director, responsibility for this function will revert to the MEMA Chief of Staff or the Deputy Director(s).

COOP actions at the state level will be initiated and implemented in close collaboration with the Office of the Governor. It is the responsibility of every state government to develop a functional continuity plan.

a. Lines of Succession

Formally defined lines of succession are of primary importance to protecting and preserving constitutional government. Interim successors are authorized to exercise all the powers and discharge all the duties of their office during an emergency in which they become successor. A minimum of three successors is recommended for each branch. Lines of succession are found in each agency's continuity plan. Both documents found under separate cover.

To ensure rapid response to any emergency situation or disaster requiring COOP implementation, pre-delegated authorities for making policy determinations and decisions are given to the Executive Director/designee of MEMA.

In the event of an act of terrorism or threat(s) of violence the MOHS shall be the lead investigative agency with direct report to the Office of the Governor as outlined in State Statute (Codes, 1942 3980.5; Laws, 1947, 2nd Ex. Ch.2, 1-4).

E. Federal

When an incident occurs that exceeds or is anticipated to exceed state, tribal, or local resources, as outlined in the NRF, the Federal government will provide resources and capabilities to support the state response.

F. Tribal

The Tribal leader for the Mississippi Band of Choctaw Indians (MBCI) is responsible for the public safety and welfare of the people of that tribe. As authorized by tribal government, the tribal leader is responsible for coordinating tribal resources needed to prevent, protect against, respond to, and recover from incidents of all types. For certain types of federal assistance, tribal governments work with the state, but as sovereign entities they can elect to deal directly with the Federal government for other types of assistance. (See "FEMA Tribal Policy, www.fema.gov/tribal-policy). In order to obtain federal assistance via the Stafford Act, a state Governor must request a Presidential declaration on behalf of a tribe.

The MBCI maintains a CEMP for their tribe that provides a framework for responding to incidents that occur within their borders and on their properties.

G. Private Sector and Non-Governmental Organizations (NGOs)

The private sector and NGOs contribute to response efforts through engaged partnerships with each level of government. The protection of critical infrastructure and the ability to rapidly restore normal commercial activities can mitigate the impact of an incident, improve the quality of life of individuals, and accelerate the pace of recovery for communities and the nation. NGOs provide sheltering, emergency food supplies, and other vital support services.

3. During or following disasters, additional personnel will be required to conduct damage assessments and to provide public assistance (PA) and individual assistance (IA) to the state and local governments and other qualified applicants.

E. Disaster Recovery Center (DRC)

A DRC is a facility established in, or in close proximity to, the community affected by the disaster where persons can meet face-to-face with represented federal, state, local, and volunteer agencies to:

- Discuss their disaster-related needs
- Obtain information about disaster assistance programs
- Register for disaster assistance via telephone
- Update registration information
- Learn about measures for rebuilding that can eliminate or reduce the risk of future loss
- Request the status of their application for assistance
- Complete the Small Business Administration (SBA) loan application

F. Recovery Operations

1. The recovery process will be implemented from two different locations: the Forrest County EOC and DRCs. The latter is a field location.
2. The President of the Board of Supervisors is responsible for the commitment of all county resources and for coordinating all disaster recovery efforts between the municipalities and the County.
 - a. Short-term recovery goals should allow for:
 - Identifying essential records, vital systems, and operations
 - Establishing priorities for reinstatement of systems and operations
 - Establishing maximum acceptable downtime before reinstatement to an acceptable system and operational level
 - Identifying minimum resources needed to recover business operations.

b. Long-term recovery goals should consider:

- Strategic planning, to include budgeting for structural and non-structural repairs
- Development and implementation of mitigation goals and activities
- Management and coordination of recovery activities
- Management of fiscal operations and recovery funding
- Management of volunteer, contractual, mutual aid, and agency resources.

G. Alert, Notification and Warning

Alert, notification and warning will deliver coordinated, prompt, reliable, and actionable information to the whole community through the use of clear, consistent, accessible, and culturally and linguistically appropriate methods to effectively relay information regarding any threat or hazard, as well as the actions being taken and the assistance being made available, as appropriate.

1. Alert

- a. Involves procedures within an organization for advising key personnel and emergency operating staff of situations that may require future actions.
- b. All agencies/departments involved in emergency and disaster response will maintain call lists and procedures for alerting officials within the organization of potential or actual situations in which assistance may be required. The call lists shall be reviewed and updated biannually.

2. Notification

- a. Notification procedures are contained in the The Emergency Management SOP included in the Support Annexes
- b. Emergency notification systems must be accessible to ensure effective communication for people who are deaf/hard of hearing, blind/low vision, or deaf/blind.

3. Warning

- a. Involves forecasting or predicting natural, technological, or man-made incidents that could result in loss of life, hardship and suffering, or extensive property damage.

- b. Natural hazards, such as floods, hurricanes, tornadoes, severe storms, and winter storms, usually allow more timely warning. But some natural, technological, and man-made hazards strike with little or no warning. These include earthquakes, accidents at fixed nuclear facilities, hazardous materials incidents, transportation accidents, enemy attack, and terrorism.
- c. Local authorities disseminate warnings of potential or actual disasters to the general public.
- d. Forrest County EMA will coordinate with all appropriate departments/agencies and organizations to ensure timely warning readiness in case of a man-made, natural disaster, or emergency and will initiate actions to warn citizens by all means necessary.
- e. Forrest County will prepare plans and procedures for activation of local warnings utilizing all available systems and networks. Personnel and facilities shall be trained and organized to provide warning capability on a 24-hour-a-day basis.

II. Evacuation

- 1. Evacuation is an action that is implemented by local government. It is an organized, phased and supervised dispersal of residents and others from dangerous or potentially dangerous areas.
- 2. Where lives are endangered, protective action recommendations are issued by the appropriate local government officials. County evacuation plans must be coordinated by county government and must be in accordance with state plans.
- 3. Some disasters provide enough time for warning to allow for an orderly, well-planned evacuation. Other disasters do not allow for sufficient warning or preparation for evacuation.
- 4. Evacuation plans must consider the movement of residents and others with mobility impairments and those with transportation disadvantages.
- 5. Shelters and mass feeding sites will be available for evacuees working in conjunction with local government and volunteer organizations. When shelter facilities are activated, the county will work with state officials to ensure they accommodate the provisions of the Americans with Disabilities Act (ADA) and are compliant with Functional Needs Support Services. Care and shelter plans will address the access and functional needs of people with disabilities and older adults to allow for sheltering in general population shelters, which includes household pets and service animals.

6. ESF #6 will coordinate all local efforts to provide sheltering and temporary housing, feeding, and other human needs following a catastrophic earthquake, hurricane, or other significant disaster requiring state mass care assistance. Specific types of shelters and shelter resource requirements are outlined in this ESF.
7. Evacuation and shelter instructions will be issued to the broadcast media through the Public Broadcasting System. Hurricane evacuation routes are marked with transportation route signs. These signs may contain radio frequencies for Mississippi Public Broadcasting's radio stations.
8. Local government will coordinate the evacuation requirements with MEMA prior to, during, and following a disaster. This includes, but is not limited to: timeliness of evacuation, initiating evacuation procedures, issuing joint public information statements, and determining evacuation routes and shelter locations. Types of evacuations include:

- a. Spontaneous Evacuation

Some residents or others in the threatened areas may observe an emergency incident or receive unofficial word of an actual or perceived threat and, without receiving instructions to do so, elect to evacuate the area. Their methods of movement and direction of travel is unorganized and unsupervised.

- b. Voluntary Evacuation

This is a warning to residents or others within a designated area that a threat to life and property exists or is likely to exist in the immediate future. Individuals issued this type of warning or orders are not required to evacuate; however, it would be to their advantage to do so.

- c. Mandatory or Directed Evacuation

This is a warning to residents or others within the designated area that an imminent threat to life and property exists and individuals must evacuate in accordance with the instructions of local officials.

9. It will be the responsibility of the individual to make arrangements for transporting family and personal belongings whenever evacuation is performed. Persons who are physically or financially unable to carry out the recommendations of local governments should inform the appropriate authorities in order to take advantage of local operating procedures and plans for persons with special needs.
10. The Forrest County EOC shall be prepared to assist cities and municipalities, as requested, with resources to effectively and timely evacuate residents and others with special needs

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from harm's way. The following local and state agencies will support the evacuation process as outlined

- a. Forrest County Board of Supervisors/ County Road Department/ MDOT - The Forrest County Board of Supervisors and County Road Department will work in conjunction with the Mississippi Department of Transportation to ensure routes are prepared in advance of the notification/warning for safe and efficient flow. Position message boards and resources to help facilitate warnings on routes and exchanges.
- b. Forrest County Sheriff's Office/MDPS - Forrest County Sheriff's Office working in conjunction with the Mississippi Department of Public Safety, will utilize resources from all local and state agencies with law enforcement responsibilities to provide law enforcement personnel to assist with route patrol, security and escort of buses for mass evacuation (i.e. public transit buses).
- c. Forrest County School Board/MDE - Forrest County School Board working in conjunction with the Mississippi Department of Education will coordinate with local school districts outside the disaster area to provide school bus equipment, as feasible, to support emergency transportation to reception centers and shelter sites.

11. Following a disaster, state and local authorities will jointly decide when it is safe for residents and others to return to their homes and businesses. Information will be broadcast to the public to facilitate and control the re-entry.

V. INFORMATION COLLECTION, ANALYSIS AND DISSEMINATION

Information collection, analysis, and dissemination are essential to avoid or minimize loss of life and property. The Forrest County E-911 PSAPS located at the Forrest County Sheriff's Office, Hattiesburg Police Department, Petal Police Department, The University of Southern Mississippi, and AAA Ambulance (Medical Calls) are the designated 24 hour warning points for Forrest County operating 24 hours a day, seven days a week.

The Emergency Management District of Forrest County monitors, collects, and analyzes essential disaster information specifically as it relates to natural and man-made incidents throughout the county from various sources such as MEMA, NWS and MDPS. This information is utilized to alert citizens and local officials if a disaster is imminent or has occurred.

The information can be disseminated and communicated both manually and electronically through the following mechanisms:

- WebEOC[®] - Forrest County utilizes an electronic web based means of communication between Forrest County EMA and the SEOC. WebEOC[®] allows for continual communication of the ongoing situation and provides a means for the affected counties to request resources and monitor events taking place outside of their jurisdiction.

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- Disaster Reports (DR) - Initial disaster reports (DR) provide initial damage assessments or current situations. DRs may be forwarded to the SEOC via WebEOC[®] e-mail, facsimile, the assigned MEMA Area Coordinator or the MS IMAT as a hardcopy.
- Facsimile - Allows copies of current situational status to be forwarded for collection by the Plans Section.
- Situation Reports (SITREPs) - May be forwarded via WebEOC[®] e-mail, facsimile, the assigned MEMA Area Coordinator or the MS IMAT.

When a disaster is imminent or has occurred, providing emergency information to the public and all levels of government is essential. MEMA dispatches Area Coordinators (ACs) to the county or counties threatened by or experiencing an emergency or disaster. The AC is responsible for assisting the counties in providing an on-going assessment of the situation, technical assistance, and coordinating local recommendations or resource requests to the SEOC. The information provided by the counties through the ACs will be incorporated in SITREPs and will be used to develop objectives for incident.

The ACs also assist counties in completing a disaster impact assessment to determine the necessary state response following any major or catastrophic disaster. One or more ACs may be deployed to evaluate immediate needs and report the findings to the SEOC. The MS IMAT, typically consisting of state personnel including area coordinators, will evaluate immediate victim needs (food, water, medical, shelter, etc.) and any impact to infrastructure (utilities, communications, transportation, etc.).

In the event the SEOC is not activated at the time of the disaster, information will be received from sources throughout the state via the SWP. The communications staff, in accordance with its internal SOG notifies the operational officer on duty. The Office of Response will notify state agencies, ESFs, and volunteer groups as required for further actions.

MEMA will activate the JIC to facilitate the flow of information and will utilize PIOs from other state agencies to support this function. Specific public information functions and program detail are outlined in ESF #15 and External Affairs SOG.

VI. COMMUNICATIONS

A. Local Warning Point

Forrest County operates several 24-hour emergency communication centers located at Forrest County Sheriff's Office, Hattiesburg Police Department, Petal Police Department, The University of Southern Mississippi, and AAA Ambulance (Medical Calls). They serve as the points to receive and disseminate information and warnings to governmental officials at all levels that a hazardous situation could threaten the general welfare, health, safety and/or property of the county's population.

B. Specialized Warning Point Communications Capabilities

Specialized warning point communication capabilities include:

- EOC telephone system
- Mississippi Wireless Integrated Network (MSWIN)
- Satellite phones
- Cellular phones
- National Alert Warning System (NAWAS)
- Emergency Alert System (EAS)
- WebEOC[®]

C. Information Flow

At the Forrest County EOC disaster and non-disaster information will flow internally among various sources. Information received is disseminated and acted upon in accordance with the Communications SOG and ESF #2 guidance.

D. Communications Within A Disaster Area

Communications within the disaster area will require re-establishment or augmentation to provide verbal exchange between the local and state disaster officials. Assistance can be provided with the deployment of MEMA's MOBOPS.

E. Other Communications Augmentation Capabilities

Virtual-public activities, industry, commercial firms and amateur radio operators are capable of augmenting established communications systems.

F. Communications Maintenance

Agreements and contracts will be made to ensure equipment and system maintenance on a 24-hour-a-day basis. Alternate warning systems will be maintained and tested for use in the event that the existing primary system is damaged and rendered inoperable. Maintenance and testing of all warning equipment is the responsibility of The Emergency Management District.

G. Back-up Communications Centers

- Mobile Command
- Forrest County SO
- Hattiesburg PD
- Petal PD
- AAA Ambulance Service

VII. ADMINISTRATION, FINANCE, and LOGISTICS

The Forrest County EMA Director, Deputy Director, and Administrative personnel are responsible for providing administrative, financial, and logistical support to the county EOC and its staff. Support includes, but is not limited to: supplying secretarial assistance and office equipment and supplies, arranging for feeding and sleeping accommodations, and providing other support as may be required to ensure a continuing long-term response and recovery operation.

A. Administration

County and city department heads as well as local elected officials are responsible for submission of reports involving their agency's response to an incident to the Xxxx County Emergency Management Agency.

Records and reports will be handled in the following manner:

- Heads of local agencies are responsible for submission of reports involving their agencies' response to an incident to the Forrest County EOC.
- Standard approved and accepted records of expenditures and obligations in emergency operations must be maintained by all local and state government entities employing their own bookkeeping procedures.
- All local and state government entities must meet all applicable local, state, federal, and special audit requirements.

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- To supplement written records, local and State government entities are encouraged to maintain narrative and log type records of response actions as well as photographs and videos of “untouched damage.”
- MEMA will request reports from private relief agencies and other non-governmental organizations, when deemed necessary.
- Responsibility of submitting local government reports to the SEOC rests with the local chief executive through the local emergency management director who may delegate this function to the local government administrative or operations group.
- Local governments and state agencies will make reports to the SEOC by the most practical means, which include but are not limited to: Internet, telephone, or facsimile. Delivery of required reports will be supported by mail or hand delivered copy as needed.
- Damage reports (Initial, Situation, Damage Impact and Assessment and other follow-up reports as prescribed) are to be submitted to MEMA in accordance with the schedule of requirements for disaster reports.
- Other reports, either required or requested, will be submitted in accordance with established procedures for specific reports (Refer to ESF #5 for general reporting).
- Each agency or department is responsible for maintaining and recording documents affecting the organization and legal administration of emergency management functions. It is further the responsibility of local officials to ensure that all records are secure and protected from damage or destruction at all times.
- Local emergency operations plans must include provisions for protecting and preserving all legal documents of both a public and private nature in accordance with applicable state and local laws. This responsibility lies with county chancery clerk’s offices and all other city and/ or town clerks as applicable.
- The State Historic Preservation Officer (SHPO) will be notified when the Governor declares that a state of emergency exists as the result of a disaster. The State Coordinating Officer (SCO) will consult with the SHPO concerning existing historic properties within the designated disaster area.

B. Finance

It is imperative that all jurisdictions or agencies receiving state or federal funding maintain adequate records, documentation, and accounting procedures due to the fact that all Public Assistance funding provided is subject to both state and federal audits.

C. Logistics

Forrest County is responsible for planning, coordinating, and managing the resource support needed in ESF #7. Equipment, supplies and personnel will first be addressed through existing

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support agencies' resources and local sources outside the impacted area. Additional support will be obtained through commercial sources. Resources outside disaster areas will be directed to fulfill unmet needs of local governments. Resources potentially could include staff, emergency relief supplies, shelters, office space, office equipment, office supplies, telecommunications support, space for warehousing, mobilization center, staging area (SA), forward MS IMAT, and contracting services required to support immediate response activities. Resources are managed through the use of WebEOC[®] software maintained by MEMA.

All resource acquisition, deployment and management will be coordinated to obtain the maximum benefit possible in accordance with ESF #7 Logistics Management and Resource Support.

MAAs and memoranda of understanding (MOU) are essential components of emergency management planning, response, and recovery activities. These agreements provide reciprocal emergency aid and assistance during an emergency or disaster. They can increase available resources and improve response and recovery efforts. These agreements may occur intrastate or interstate.

1. Mutual Aid Agreements (MAAs) - Intrastate

MS Code Ann. § 33-15-19 (a) (1972), as amended, authorizes the state and its political subdivisions to develop and enter into MAAs for reciprocal emergency aid and assistance in case of emergencies too extensive to be dealt with unassisted.

The Statewide Mutual Aid Compact (SMAC) began in 1995 by MEMA to provide more effective use of resources in times of disaster. It provides a way for municipalities and counties to request and receive help from each other when local resources are exhausted. Most counties already have some type of MAA with their neighboring counties to provide assistance during emergencies. However, these local agreements may not be sufficient when a disaster strikes a large area. Neighboring jurisdictions may all need assistance. The SMAC provides a mechanism for assistance to come from different parts of the state. It addresses the issues of liability, compensation, direction and control in a uniform manner. SMAC allows members of the compact to have an MAA with both the state and other compact members.

When a participating government either becomes affected by or is under imminent threat of a major disaster it may request emergency-related MAA either by:

- Proclaiming a local emergency and transmitting a copy of that proclamation along with a completed Part I Identification of Need (Form REQ-A) to the participating agency or
- Orally communicating a request for mutual aid assistance to the participating government, or to MEMA, followed as soon as practicable by written confirmation of said request.

Mutual aid can be requested only when resources available within the stricken area are deemed inadequate. Municipalities must coordinate requests for state or federal assistance with their county emergency management agencies.

In order to provide the most effective mutual aid possible, the SMAC also intends to foster communications between the personnel of participating governments through visits, compilation of asset inventories, exchange of information, and development of plans and procedures.

VIII. PLAN DEVELOPMENT AND MAINTENANCE

Forrest County is responsible for maintaining a comprehensive countywide program of emergency management. The agency is responsible for coordination with the efforts of the state government, with other departments and agencies of local government, and with city and municipal governments and school boards and with non-profit organizations and private agencies that have a role in emergency management. MS Code Ann. § 33-15-14(1) (1972).

A. Plan Development

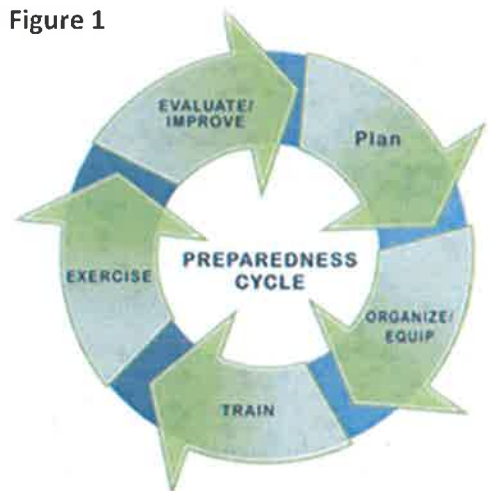
The process for developing the 2016 version of this document was initiated and managed by Forrest County, as stipulated by law and was based on the existing CEMP, with updates reflecting state and federal requirements, as well as other germane state and federal guidance on emergency operations planning, particularly as it relates to homeland security issues.

This plan was developed based on state and federal guidance provided through NIMS, NRF, the FEMA Comprehensive Preparedness Guide (CPG) 101, Version 2.0, the Presidential Policy Directive – 8 (PPD/8), the Homeland Security National Preparedness Goal, The Stafford Act and the Post-Katrina Emergency Management Reform Act (PKEMRA).

As directed by the NRF the plan is based on six essential activities for responding to an incident: plan, organize, train, equip, exercise and evaluate and improve.

Figure 1: This “preparedness cycle” is one element of a broader National Preparedness System to prevent, respond to, recover from, and mitigate against natural disasters, acts of terrorism,

Figure 1



1. Plan

Planning makes it possible to manage the entire life cycle of a potential crisis, determine capability requirements and help stakeholders learn their roles.

2. Organize

Organizing to execute response activities

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includes developing an overall organizational structure, strengthening leadership at each level and assembling well-qualified teams of paid and volunteer staff for essential response and recovery tasks. This includes utilizing the whole community and individual resources, emergency support functions, pre-scripted mission assignments, advanced readiness contracting and pre-positioned resources.

3. Train

Building essential response capabilities requires a systematic program to train individual teams and organizations - to include governmental, nongovernmental, private-sector, individuals, communities, faith-based organizations and federal, state and local governments.

4. Equip

Local, tribal, state and federal jurisdictions need to establish a common understanding of the capabilities of distinct types of response equipment.

5. Exercise

Exercises provide opportunities to test plans and improve proficiency in a risk-free environment.

6. Evaluate and Improve

All local, tribal, state and federal entities should institute a corrective action program to evaluate exercise participation and response, capture lessons learned and make improvements in their response capabilities.

B. Plan Maintenance

This plan will be exercised on an annual basis to evaluate the ability of the county and its municipalities to respond to minor, major and catastrophic disasters and support local emergency management agencies. Exercises will be coordinated with the state exercise coordinator. Directors of primary county agencies have the responsibility for maintaining SOGs and Standard Operating Procedures (SOPs), checklists, internal plans and resource data to ensure a prompt and effective response to a disaster in support of this plan. For training purposes and exercises, the EMA Director may activate this plan as deemed necessary to ensure a high level of operational readiness.

This plan will be reviewed by Forrest County on a biennial basis. The review will include testing, review and update of the document and its procedures. This plan will be updated

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periodically as required, to incorporate new presidential or state directives, legislative changes and procedural changes based on lessons learned from exercises and actual incidents.

Forrest County EMA is responsible for coordinating updates and modifications, as well as changes to the ESF annexes, appendices, SOGs and SOPs. Such recommendations should be forwarded to the Forrest EMA Director through official correspondence, or may be initiated at the periodic CEMP review. Heads of local agencies with ESF coordinator responsibility will provide information periodically as to changes with available resources, personnel and operating procedures.

All agencies will be responsible for the development and maintenance of their respective segments of the plan.

This plan applies to all state agencies, state boards, state commissions and state departments assigned emergency responsibilities and to all elements of local government in accordance with current law and Executive Orders (EOs).

IX. AUTHORITIES AND REFERENCES

The following authorities and references may be consulted for further advice and guidance. Other than those references and authorities that have the inherent force and effect of law, this plan is not intended to incorporate them by reference.

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E.O. 573, March 3, 1987; Mississippi Emergency Response Commission

E.O. 653, November 16, 1990, et.seq; Emergency Management Responsibilities

E.O. 872, January 3, 2003; Establishment of the Homeland Security Council

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E.O. 874, February 5, 2003; Establishment of the State Interoperability Executive Committee (the "SIEC")

E.O. 916, January 28, 2004; Homeland Security Council Restructuring

E.O. 920, August 4, 2004; State Interoperability Executive Committee Restructuring

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- National Emergency Management Agency. *Emergency Management Assistance Compact (EMAC)*, PL 104-321. N.p., 1996. Print.
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- Post-Katrina Emergency Management Reform Act of 2006 (PKEMRA)
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- U.S. Department of Homeland Security. "Homeland Security Advisory System." *Homeland Security Presidential Directive 3*. N.p., 2002. Print.
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E.O. 13284, January 23, 2003, Amendment of Executive Orders and Other Actions, in Connection With the Establishment of the Department of Homeland Security

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X. APPENDICES

A. List of Acronyms

B. Glossary

Appendix A (List of Acronyms)

FORREST COUNTY COMPREHENSIVE EMERGENCY MANAGEMENT PLAN

AC	Area Coordinator
ADA	Americans with Disabilities Act
AR	Authorized Representative
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CEMP	Comprehensive Emergency Management Plan
CERT	Community Emergency Response Team
COG	Continuity of Government
COOP	Continuity of Operations
CPG	Comprehensive Preparedness Guide
CRTC	Combat Readiness Training Center
CSG	Council of State Governments
DC	Designated Contact
DFA	Department of Finance
DFO	Disaster Field Office
DHS	Department of Homeland Security
DR	Disaster Reports
DOT	Department of Transportation
DRC	Disaster Recovery Center
DSCA	Defense Support of Civil Authorities
EAS	Emergency Alert System
ECO	Emergency Coordinating Officers
EO	Executive Order
EOC	Emergency Operations Center
EMAC	Emergency Management Assistance Compact
EPA	Environmental Protection Agency
EPR	Emergency Preparedness and Response

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ERT	Environmental Response Team (EPA)
ESF	Emergency Support Function
FCC	Federal Communications Commission
FCO	Federal Coordinating Officer
FEMA	Federal Emergency Management Agency
FNS	Food and Nutrition Service
FRC	Federal Resource Coordinator
GAR	Governor's Authorized Representative
HF	High Frequency
HHS	Health and Human Services
HAZMAT	Hazardous Materials
HSPD	Homeland Security Presidential Directive
IAP	Incident Action Report
IC	Incident Command
ICP	Incident Command Post
ICS	Incident Command System
IFG	Individual and Family Grant Program
JFO	Joint Field Office
JIC	Joint Information Center
JIS	Joint Information System
JOC	Joint Operations Center
JUC	Joint Unified Command
MAA	Mutual Aid Agreement
MC	Mobilization Center
MACC	Multi-agency Command Center
MATTS	Mobile Air Transportable Telecommunications System

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MEMA	Mississippi Emergency Management Agency
MERS	Mobile Emergency Response Support
MOBOPS	Mobile Operations Center
MOU	Memoranda of Understanding
MS	Mississippi
MS IMAT	Mississippi Incident Management Assistance Team
NAWAS	National Alert Warning System
NCG	National Coordination Group (EMAC)
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NGO	Non-governmental Organization
NCT	National Coordinating Team (EMAC)
NDMS	National Disaster Medical System
NEOC	National Emergency Operations Center (EMAC)
NEMA	National Emergency Management Association
NGO	Nongovernmental Organization
NIMS	National Incident Management System
NMSZ	New Madrid Seismic Zone
NRCC	National Response Coordination Center
NRF	National Response Framework
NSSE	National Special Security Event
OHL	Operational Hotline
OSC	On-Scene Coordinator
PA	Public Assistance
PFO	Principal Federal Official
PIO	Public Information Officer
RCP	Regional Contingency Plan

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RCT	Regional Coordination Team
RRCC	Regional Response Coordination Center
RRP	Regional Response Plan
RRT	Regional Response Team
SA	Staging Area
SCO	State Coordinating Officer
SEOC	State Emergency Operations Center
SESC	State Earthquake Support Center
SFHA	Special Flood Hazard Areas
SFO	Senior Federal Official
SHPO	State Historical Preservation Officer
SHSC	State Hurricane Support Center
SITREPS	Situation Reports
SLO	State Liaison Officer
SMAC	Statewide Mutual Aid Compact
SOG	Standard Operating Guideline
SOP	Standard Operating Procedure
SWP	State Warning Point
UC	Unified Command
USCG	U.S. Coast Guard
USGS	U.S. Geological Survey

Mississippi State Agencies Acronyms

ARC, MS	American Red Cross, Mississippi Chapter
CAP	Civil Air Patrol
MACPA/MARL	Mississippi Animal Control and Protection Association/Mississippi Animal Rescue League

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MBAH	Mississippi Board of Animal Health
MBVME	Mississippi Board of Veterinary Medical Examiners
MCES	Mississippi Cooperative Extension Services
MDA	Mississippi Development Authority
MDA/ED	Mississippi Development Authority/Energy Division
MDAC	Mississippi Department of Agriculture and Commerce
MDAH	Mississippi Department of Archives and History
MDE	Mississippi Department of Education
MDEQ	Mississippi Department of Environmental Quality
MDEQ/WW	Mississippi Department of Environmental Quality/Wastewater Division
MDES	Mississippi Department of Employment Security
MDFA	Mississippi Department of Finance and Administration
MDHS	Mississippi Department of Human Services
MDHS/AAS	Mississippi Department of Human Services/Aging and Adult Services
MDITS	Mississippi Department of Information Technology Services
MDMH	Mississippi Department of Mental Health
MDMH/MR	Mississippi Department of Mental Health and Mental Retardation
MDMR	Mississippi Department of Marine Resources
MDOC	Mississippi Department of Corrections
MDOI	Mississippi Department of Insurance
MDoM	Mississippi Division of Medicaid
MDOT	Mississippi Department of Transportation
MDPS	Mississippi Department of Public Safety
MDPS/MHSP	Mississippi Department of Public Safety/Mississippi Highway Safety Patrol
MDRS	Mississippi Department of Rehabilitation Services
MDRS/VR	Mississippi Department of Rehabilitation Services/Vocational Rehabilitation

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MDWF&P	Mississippi Department of Wildlife, Fisheries and Parks
MEMA	Mississippi Emergency Management Agency
MFC	Mississippi Forestry Commission
MGC	Mississippi Gaming Commission
MHSP	Mississippi Highway Safety Patrol
MMD	Mississippi Military Department
MMD-AGO	Mississippi Military Department/Office of the Adjutant General
MMD-CFMO	Mississippi Military Department/Construction and Facilities Management Office
MMD/NG	Mississippi Military Department/National Guard
MPB	Mississippi Public Broadcasting
MPSC	Mississippi Public Service Commission
MPSC/PUS	Mississippi Public Service Commission/Public Utilities Staff
MSBCJC	Mississippi Board of Community and Junior Colleges
MSBML	Mississippi Board of Medical Licensure
MSBN	Mississippi Board of Nursing
MSBP	Mississippi Board of Pharmacy
MSDH	Mississippi Department of Health
MSDH/EMS	Mississippi Department of Health/Emergency Medical Services
MSDH/WSD	Mississippi Department of Health/Water Supply Division
MSFA	Mississippi State Fire Academy
MSFMO	Mississippi Fire Marshall's Office
MSIHL	Mississippi Institutions of Higher Learning
MSNG	Mississippi National Guard
MSOGB	Mississippi Oil and Gas Board
MSOHS	Mississippi Office of Homeland Security
MSPB	Mississippi State Personnel Board

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MSU/CVM	Mississippi State University/College of Veterinary Medicine
MSVOAD	Mississippi Volunteer Organizations Active in Disaster
MVDL	Mississippi Veterinary Diagnostic Laboratory
MVMA	Mississippi Veterinary Medical Association
NWS	National Weather Service
OAG	Office of the Attorney General
OG	Office of the Governor
OME	Office of the Medical Examiner
OSA/DoA	Office of the State Auditor/Department of Audit
RACES	Radio Amateur Communication Emergency Services
SA	Salvation Army
SOS	Office of the Secretary of State
STC	State Tax Commission
STC/ABC	State Tax Commission/Alcoholic Beverage Control Division
UMMC	University Mississippi Medical Center
UMMC/SH	University Mississippi Medical Center/ and/or other State Hospitals
USGS	United States Geological Society

Appendix B (Glossary)

Accountable Property. Property that: 1) has an acquisition cost that is \$15,000 or more; 2) has a unique, identifiable serial number (e.g., computer or telecommunications equipment); and 3) is considered "sensitive" (i.e., easily pilferable), such as cellular phones, pagers and laptop computers.

Agency. A division of government with a specific function offering a particular kind of assistance. In ICS, agencies are defined either as jurisdictional (having statutory responsibility for incident management) or as assisting or cooperating (providing resources or other assistance).

Agency Representative. A person assigned by a primary, assisting, or cooperating Federal, State, local, or tribal government agency or private entity that has been delegated authority to make decisions affecting that agency's or organization's participation in incident management activities following appropriate consultation with the leadership of that agency.

Area Command (Unified Area Command). An organization established (1) to oversee the management of multiple incidents that are each being handled by an ICS organization or (2) to oversee the management of large or multiple incidents to which several Incident Management Teams have been assigned. Area Command has the responsibility to set overall strategy and priorities, allocate critical resources according to priorities, ensure that incidents are properly managed and ensure that objectives are met and strategies followed. Area Command becomes Unified Area Command when incidents are multi-jurisdictional. Area Command may be established at an EOC facility or at some location other than an ICP.

Available Resources. Resources assigned to an incident, checked in and available for use, normally located in a Staging Area.

Awareness. The continual process of collecting, analyzing and disseminating intelligence, information and knowledge to allow organizations and individuals to anticipate requirements and to react effectively.

Casualty. Any person who is declared dead or is missing, ill, or injured.

Catastrophic Incident. Any natural or man-made incident, including terrorism, which results in extraordinary levels of mass casualties, damage, or disruption severely affecting the population, infrastructure, environment, economy, national morale and/or government functions. A catastrophic event could result in sustained national impacts over a prolonged period of time; almost immediately exceeds resources normally available to state, local, tribal and private-sector authorities in the impacted area; and significantly interrupts governmental operations and emergency services to such an extent that national security could be threatened. All catastrophic events are Incidents of National Significance.

Chain of Command. A series of command, control, executive, or management positions in hierarchical order of authority.

Civil Transportation Capacity. The total quantity of privately owned transportation services, equipment, facilities and systems from all transportation modes nationally or in a prescribed area or region.

Coastal Zone. As defined by the NCP, means all U.S. waters subject to tide, U.S. waters of the Great Lakes, specified ports and harbors on inland rivers, waters of the contiguous zone, other water of the high seas subject to the NCP and the land surface or land substrata, ground waters and ambient air proximal to those waters. The term “coastal zone” delineates an area of federal responsibility for response action. Precise boundaries are determined by EPA/USCG agreements and identified in RCPs.

Command Staff. In an incident management organization, the Command Staff consists of the Incident Command and the special staff positions of Public Information Officer, Safety Officer, Liaison Officer and other positions as required, who report directly to the Incident Commander. They may have an assistant or assistants, as needed.

Community Recovery. In the context of the NRF and its annexes, the process of assessing the effects of an Incident of National Significance, defining resources and developing and implementing a course of action to restore and revitalize the socioeconomic and physical structure of a community.

Consequence Management. Predominantly an emergency management function and included measures to protect public health and safety, restore essential government services and provide emergency relief to governments, businesses and individuals affected by the consequences of terrorism. The requirements of consequence management and crisis management are combined in the NRF. See also **Crisis Management**.

Credible Threat. A potential terrorist threat that, based on a threat assessment, is credible and likely to involve WMD.

Crisis Management. Predominantly a law enforcement function and included measures to identify, acquire and plan the use of resources needed to anticipate, prevent and/or resolve a threat or act of terrorism. The requirements of consequence management and crisis management are combined in the NRF. See also **Consequence Management**.

Critical Infrastructures. Systems and assets, whether physical or virtual, so vital to the United States that the incapacity or destruction of such systems and assets would have a debilitating impact on security, national economic security, national public health or safety, or any combination of those matters.

Cultural Resources. Cultural resources include historic and prehistoric structures, archeological sites, cultural landscapes and museum collections.

Cyber. Pertaining to computers and their support systems, such as servers, routers and switches, which support critical infrastructure.

Defense Support of Civil Authorities (DSCA). Refers to DOD support, including federal military forces, DOD civilians and DOD contractor personnel and DOD agencies and components, for domestic emergencies and for designated law enforcement and other activities.

Deputy. A fully qualified individual who, in the absence of a superior, could be delegated the authority to manage a functional operation or perform a specific task. In some cases, a deputy could act as relief for a

superior and therefore must be fully qualified in the position. Deputies can be assigned to the Incident Commander, general staff and branch directors.

Disaster. See **Major Disaster**.

Disaster Recovery Center (DRC). A facility established in a centralized location within or near the disaster area at which disaster victims (individuals, families, or businesses) apply for disaster aid.

District Response Group. Established in each DHS/USCG District, the District Response Group is primarily responsible for providing the OSC technical assistance, personnel and equipment during responses typically involving marine zones.

Emergency. As defined by the Stafford Act, an emergency is “any occasion or instance for which, in the determination of the President, federal assistance is needed to supplement state and local efforts and capabilities to save lives and to protect property and public health and safety, or to lessen or avert the threat of a catastrophe in any part of the United States.”

Emergency Operations Center (EOC). The physical location at which the coordination of information and resources to support domestic incident management activities normally takes place. An EOC may be a temporary facility or may be located in a more central or permanently established facility, perhaps at a higher level of organization within a jurisdiction. EOCs may be organized by major functional disciplines (e.g., fire, law enforcement and medical services), by jurisdiction (e.g., Federal, State, regional, county, city, tribal), or by some combination thereof.

Emergency Operations Plan (EOP). The “steady-state” plan maintained by various jurisdictional levels for managing a wide variety of potential hazards.

Emergency Public Information. Information that is disseminated primarily in anticipation of an emergency or during an emergency. In addition to providing situational information to the public, it also frequently provides directive actions required to be taken by the general public.

Emergency Response Provider. Includes federal, state, local and tribal emergency public safety, law enforcement, emergency response, emergency medical (including hospital emergency facilities) and related personnel, agencies and authorities. (See section 2(6), Homeland Security Act of 2002, Public Law 107-296, 116 Stat. 2135 (2002).) Also known as “emergency responder.”

Emergency Support Function (ESF). A grouping of government and certain private-sector capabilities into an organizational structure to provide the support, resources, program implementation and services that are most likely to be needed to save lives, protect property and the environment, restore essential services and critical infrastructure and help victims and communities return to normal, when feasible, following domestic incidents. The ESFs serve as the primary operational-level mechanism to provide assistance to State, local and tribal governments or to federal departments and agencies conducting missions of primary federal responsibility.

Environment. Natural and cultural resources and historic properties as those terms are defined in this glossary and in relevant laws.

FORREST COUNTY COMPREHENSIVE EMERGENCY MANAGEMENT PLAN

Environmental Response Team. Established by EPA, the Environmental Response Team includes expertise in biology, chemistry, hydrology, geology and engineering. The Environmental Response Team provides technical advice and assistance to the OSC for both planning and response to discharges and releases of oil and hazardous substances into the environment.

Evacuation. Organized, phased and supervised withdrawal, dispersal, or removal of civilians from dangerous or potentially dangerous areas and their reception and care in safe areas.

Facility Management. Facility selection and acquisition, building services, information systems, communications, safety and health and physical security.

Federal. Of or pertaining to the Federal Government of the United States of America.

Federal Coordinating Officer (FCO). The federal officer who is appointed to manage federal resource support activities related to Stafford Act disasters and emergencies. The FCO is responsible for coordinating the timely delivery of federal disaster assistance resources and programs to the affected state and local governments, individual victims and the private sector.

Federal On-Scene Coordinator (FOSC or OSC). The federal official pre-designated by the EPA or the USCG to coordinate responses under subpart D of the NCP, or the government official designated to coordinate and direct removal actions under subpart E of the NCP.

Federal Resource Coordinator (FRC). The federal official appointed to manage federal resource support activities related to non-Stafford Act incidents. The FRC is responsible for coordinating support from other federal departments and agencies using interagency agreements and MOUs.

First Responder. Local and nongovernmental police, fire and emergency personnel who in the early stages of an incident are responsible for the protection and preservation of life, property, evidence and the environment, including emergency response providers as defined in section 2 of the Homeland Security Act of 2002 (6 U.S.C. 101), as well as emergency management, public health, clinical care, public works and other skilled support personnel (such as equipment operators) who provide immediate support services during prevention, response and recovery operations. First responders may include personnel from federal, state, local, tribal, or nongovernmental organizations.

Hazard. Something that is potentially dangerous or harmful, often the root cause of an unwanted outcome.

Hazard Mitigation. Any cost-effective measure, which will reduce the potential for damage to a facility from a disaster event.

Hazardous Material. For the purposes of ERF #1, hazardous material is a substance or material, including a hazardous substance, that has been determined by the Secretary of Transportation to be capable of posing an unreasonable risk to health, safety and property when transported in commerce and which has been so designated (see 49 CFR 171.8). For the purposes of ERF #10 and the Oil and Hazardous Materials Incident Annex, the term is intended to mean hazardous substances, pollutants and contaminants as defined by the NCP.

FORREST COUNTY COMPREHENSIVE EMERGENCY MANAGEMENT PLAN

Hazardous Substance. As defined by the NCP, any substance designated pursuant to section 311(b)(2)(A) of the Clean Water Act; any element, compound, mixture, solution, or substance designated pursuant to section 102 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA); any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (but not including any waste the regulation of which under the Solid Waste Disposal Act (42 U.S.C. § 6901 et seq.) has been suspended by act of Congress); any toxic pollutant listed under section 307(a) of the Clean Water Act; any hazardous air pollutant listed under section 112 of the Clean Air Act (42 U.S.C. § 7521 et seq.); and any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action pursuant to section 7 of the Toxic Substances Control Act (15 U.S.C. § 2601 et seq.).

Historic Property. Any prehistoric or historic district, site, building, structure, or object included in or eligible for inclusion in the National Register of Historic Places, including artifacts, records and remains which are related to such district, site, building, structure, or object [16 U.S.C. § 470(w)(5)].

Incident. An occurrence or event, natural or human caused, which requires an emergency response to protect life or property. Incidents can, for example, include major disasters, emergencies, terrorist attacks, terrorist threats, wild land and urban fires, floods, hazardous materials spills, nuclear accidents, aircraft accidents, earthquakes, hurricanes, tornadoes, tropical storms, war-related disasters, public health and medical emergencies and other occurrences requiring an emergency response.

Incident Action Plan. An oral or written plan containing general objectives reflecting the overall strategy for managing an incident. It may include the identification of operational resources and assignments. It may also include attachments that provide direction and important information for management of the incident during one or more operational periods.

Incident Command Post (ICP). The field location at which the primary tactical-level, on-scene incident command functions are performed. The ICP may be collocated with the incident base or other incident facilities and is normally identified by a green rotating or flashing light.

Incident Command System (ICS). A standardized on-scene emergency management construct specifically designed to provide for the adoption of an integrated organizational structure that reflects the complexity and demands of single or multiple incidents, without being hindered by jurisdictional boundaries. ICS is the combination of facilities, equipment, personnel, procedures and communications operating with a common organizational structure, designed to aid in the management of resources during incidents. ICS is used for all kinds of emergencies and is applicable to small as well as large and complex incidents. ICS is used by various jurisdictions and functional agencies, both public and private, or organized field-level incident management operations.

Incident Commander (IC). The individual responsible for all incident activities, including the development of strategies and tactics and the ordering and release of resources. The IC has overall authority and responsibility for conducting incident operations and is responsible for the management of all incident operations at the incident site.

Forrest County Emergency Support Function #1 –Transportation Response Annex

ESF #1 Coordinator

Forrest County School District
Transportation Director
Hattiesburg School District
Transportation Director
Petal School District
Transportation Director
Hattiesburg Mass Transit Director

Forrest County Sheriff's Department
Forrest County & Municipal School Police
Hattiesburg & Petal Police Department
Forrest County Volunteer Fire Department
AAA Ambulance Service

State Primary Agencies

Mississippi Department of Transportation

Primary Agencies

Forrest County & Municipal School
Districts
Hattiesburg Mass Transit

Forrest County Emergency Management
Director

State Support Agencies

Mississippi Department of Corrections
Mississippi Department of Education
Mississippi Department of Environmental
Mississippi Department of
Finance/Administration
Mississippi Department of Health-EMS
Mississippi Department of Human Services
Mississippi Department of Public Safety-
Mississippi Highway Patrol
Mississippi Department of Rehab Services
Mississippi Wildlife Fisheries and Parks
Mississippi Development Authority
Mississippi Emergency Management
Agency
Mississippi Public Service Commission
Mississippi Military Department

Support Agencies

Forrest County & Municipal School
Districts

Introduction

Purpose

The primary purpose of this Emergency Support Function (ESF) is to provide and maintain a transportation infrastructure for the support of response and recovery assistance missions following an emergency or major disaster.

This ESF also includes procedures for a coordinated evacuation process should one ever be ordered or recommended by the city or county officials due to an impending disaster or incident (hurricane, tropical storm, terrorist threat, hazardous materials release etc.).

Scope

If local government transportation capabilities or resources become inadequate to meet the emergency transportation needs of Forrest County, ESF# 1 of the Mississippi Comprehensive Emergency Management Plan (CEMP) will be activated with the Mississippi Department of Transportation (MDOT) serving as the primary coordinator. Should the requirements for emergency transportation needs overwhelm the available resources within the state, MEMA will request in conjunction with MDOT to activate the Federal ESF#1 with Federal U. S. Department of Transportation.

Forrest County Emergency Support Function #1 –Transportation Response Annex

Relationship to Whole Community

This section describes how ESF #1 relates to other elements of the whole community.

Local, State, Tribal, and Area Governments

Primary responsibility for management of incidents involving transportation normally rests with local and state authorities and the private sector, which own and operate the majority of the Nation's transportation resources. As such, a Federal response must acknowledge local, state, tribal, territorial, and insular area transportation policies, authorities, and plans that manage transportation systems and prioritize the movement of relief personnel and supplies during emergencies.

Private Sector/Nongovernmental Organizations

The private sector owns or operates a large proportion of the Nation's transportation resources and is a partner and/or lead for the rapid restoration of transportation-related services. Private-sector mutual aid and assistance networks facilitate the sharing of resources to support response.

Core Capabilities and Actions

ESF Roles Aligned to Core Capabilities

The following table lists the response core capability that ESF #1 most directly supports, along with the related ESF #1 actions. Though not listed in the table, all ESFs, including ESF #1, support the Core Capabilities of Planning, Operational Coordination, and Public Information and Warning. **The actions listed beside each core capability in the table apply to local, state, tribal, federal, and Non-Governmental Organizations (NGOs).**

Core Capability	ESF #1 Transportation
Critical Transportation	• Monitor and report the status of and damage to the transportation system and infrastructure. • Identify temporary alternative transportation solutions to be implemented when primary systems or routes are unavailable or overwhelmed. • Implement appropriate air traffic and airspace management measures. • Coordinate regulatory waivers and exemptions. • Provide longer-term coordination of the restoration and recovery of the affected transportation systems infrastructure if required.

Policies

- Forrest County EMA director will work in conjunction with the School Superintendent or Transportation Director to ensure that all local government transportation requests are tasked based on citizen needs and available resources.

Forrest County Emergency Support Function #1 –Transportation Response Annex

- All support agencies will provide a designated staff person to work with the ESF #1 lead for Forrest County to ensure any necessary procurement of resources, staging areas, collection points and mission assignments are handled.
- The Forrest County School District Transportation Director will continue to provide necessary updates on road conditions, availability of transportation routes and resources through efforts with the Mississippi Department of Transportation and ESF #13.

Concept of Operations

Assumptions

- During various disasters, normal transportation systems in Forrest County could incur damages leaving many citizens without transportation from the risk zones.
- Roads and bridges immediately surrounding the affected area will be damaged or heavily congested, impairing emergency transportation to, from, and within the area.
- Signs, signals, and other types of markers, which facilitate traffic movement and control, will be damaged or destroyed.
- Communications for transport facilities and services will be disrupted.
- Shortfalls can be expected in both the infrastructure and in the logistical areas of transportation in terms of support personnel, equipment, materials, and supplies.
- Most vehicles would be driven on major highways or alternate roadways during disaster situations. Therefore, restoration of rail, air, water, and pipeline transportation would not be as high a priority as these main traffic routes.
- Upon the request of the Governor, all state agencies in charge of public transportation resources will comply with ESF #1's emergency acquisition of vehicles for evacuation purposes and the emergency movement of resources. Strike teams for EMAC may be employed in the event of a multi-state disaster.

General

The Forrest County Emergency Management Agency Director will keep all responsible agencies informed of all impending conditions (transportation developments, weather, hazardous materials, or other event) which would cause them to assume a readiness posture in preparation of EOC activation, possible deployment of resources to a forward area or other required activities.

Organization

The Forrest County School District Transportation Director will assume the lead as coordinator of all transportation requirements during an incident, major emergency or disaster. These duties will be executed in conjunction with personnel and resources as listed under all support agencies for the county.

Local/Separate municipalities will support the ESF based on available personnel and resources.

Forrest County Emergency Support Function #1 –Transportation Response Annex

Administrative and Logistical Support

All participating ESF #1 agencies are expected to:

- Coordinate their support with ESF #1.
- Locate, identify, and set up their operational work areas and maintain logistical support for them.
- Attend and support briefings and other coordination meetings, whether at the EOC or elsewhere.
- Maintain operational logs, messages, requests, and other appropriate documentation for future reference.
- Maintain their maps, displays, status reports, and other information not included in the ESF #5 operations.
- Keep record of the costs of all available, acquired, and contracted resources incurred during support activities for emergency or major disaster operations for reporting purposes and potential reimbursement.
- Ensure that their financial management system, automated or otherwise, used to capture their incurred costs during an emergency, major disaster, or exercise is in compliance with applicable agency, state, and federal guidelines, rules, standards, and laws. Reimbursement of incurred costs is subject to audit.

Actions

Preparedness

- All Forrest County agencies with ESF #1 responsibilities will ensure that they have Standard Operating Procedures (SOPs) in place to enable them to perform appropriate levels of mitigation, preparedness activities prior to initiating event.
- Conduct annual training drills or exercises to ensure a high level of readiness for response personnel.

Pre-Incident

- Forrest County ESF #1 lead will develop/maintain alert and notification procedures for key transportation officials and agencies that support ESF# 1.
- Ensure a designated person is identified to work (24 hour coverage if necessary) within the Forrest County EOC. This resource shall remain until EOC operations return to normal.

Incident

- Immediately upon notification of an incident, actual disaster or major emergency, the Forrest County ESF #1 coordinator will activate the internal plan and/or SOP.

Forrest County Emergency Support Function #1 –Transportation Response Annex

- Ensure adequate communication is established and maintained with all applicable responders of ESF #1.
- Coordinate the distribution of assets as needed or based on requirements identified by local government and other ESFs.
- Maintain log of actions taken, resources ordered/used, records of personnel and equipment/ location and all other documents to support reporting requirement.
- Assist in gathering information on road closures to the state ESF # 1 lead to be disseminated thru public broadcast via ESF #15.

Recovery

- Forrest County ESF #1 coordinator will work in conjunction with ESF # 3 to inspect and classify all routes available for re-entry and recovery.
- Forrest County ESF #1 coordinator will assist with transportation needs for evacuees and work with other support agencies to ensure resources are available.
- Coordinate with the State Emergency Operations Center to ensure that all recovery and re-entry information is disseminated through Public Radio, broadcast media and other available sources.

Post-Incident

- Develop a timeline to ensure all support personnel have been re-deployed back to their agencies and/or organizations.
- Prepare an after-action report (AAR). The AAR identifies key problems, indicates how they are to be/were solved, and makes recommendations for improving ESF response operations.
- All ESF #1 organizations assist in preparation of the after-action report.
- Provide after action report to the Forrest County Emergency Manager to ensure lessons learned are identified and recommended solutions are captured.

Responsibilities

Forrest County School District Transportation Director

The Office of Transportation, Forrest County Schools will ensure that the Transportation Director is tasked based on position to serve as lead for the ESF#1 requirement for Forrest County. The coordinator will be required to develop, maintain and execute all of the personnel and resources to support all incidents, disasters and/or major emergency that would affect Forrest County and its citizens. The below items outline specific duties:

- Develop and maintain an internal SOP that outlines all functions required for ESF#1 support.

Forrest County Emergency Support Function #1 –Transportation Response Annex

- Maintain a current inventory of county schools resources (buses, fuel, drivers etc.).
- Ensure current route maps and staging points (if needed) are available and accurate.
- Provide transportation needs for emergency work crews as appropriate.
- Assist in the mobilization of special needs populace based on request from local government.

Forrest County Emergency Management Agency Director

The Forrest County Emergency Manager upon the advisement from the State (if warranted) and in conjunction with the County and City Officials will complete the following:

- Ensure the timely and efficient activation of the requirements of ESF # 1 to support transportation needs.
- Confer with the support agencies to make decisions based on the incident to deploy designated support personnel to the county EOC.
- Task in conjunction with the ESF #1 coordinator all available resources and personnel to deploy to designated areas as needed.
- Provide all agencies and volunteers with up to date information that would affect the situation (weather, changes in conditions of the situation, road closures, etc.).

Agencies' Responsibilities

Agency	Functions
Forrest County School District Superintendent	• Staff Person designated to ESF #1 lead to allocate District Transportation. • Allocate or obtain county transportation resources (buses, fuel, drivers, etc.) for mission tasking during in the disaster or evacuation. • Alert all personnel/mechanics, bus drivers and applicable personnel of possible deployment. • Maintain coordination with the Forrest County EOC. • Support other agencies as needed to accomplish assigned mission by the EOC to meet the needs of the citizens of Forrest County. • Support Transportation resources upon request. • Dedicate resources from inventory. • Support transport of Special Needs populace as needed. • Maintain coordination with the Forrest County School District Transportation Director and the local EOC.
Forrest County Transportation Agency	• Supply transportation resources upon request. • Support transport of special needs populace as needed. • Maintain coordination with the Forrest County School Transportation Director and the EOC.

Forrest County Emergency Support Function #1 –Transportation Response Annex

Agency	Functions
Forrest County Sheriff's Department, (Hattiesburg, Petal, and Forrest County School Police)	• Assist with transportation traffic control. • Provide necessary property protection of evacuated areas. • Assist with route clearance of debris as needed. • Any other mission as identified by the senior law enforcement agency.
Public Works/Engineering, (County and City)	• Assist in keeping evacuation routes open (debris removal). • Inspection/assessment of roadways/bridges.
County Emergency Medical Services	• Establish/operate Emergency Medical care centers in risk area following evacuation. • Provide continued medical care for patients, who cannot be moved when facilities are evacuated (see ESF #8). • Coordinate with Forrest County Schools to use buses to transport patients as needed.

ESF #1 Review and Maintenance

As a minimum, the ESF coordinator contact will coordinate and conduct an annual review of this annex with all support agencies. Additional reviews may be conducted if experience with an incident or regulatory changes indicate a need. Recommendations for change will be submitted to Forrest County Emergency Management Agency for approval, publication, and distribution.

**Forrest County Emergency Support Function #1 -Transportation Response
Annex**

Forrest County Emergency Support Function #2 – Communications Response Annex

ESF #2 Coordinator

Forrest County Emergency Management Agency

Primary Agency

Forrest County Emergency Management Agency

Support Agencies

Forrest County Sheriff's Office-PSAP
Hattiesburg Central Dispatch-PSAP
Petal Police Department-PSAP
USM Police Department-PSAP
Designated EOC Personnel
AAA Ambulance-PSAP
Forrest County Amateur Radio

Private Sector Partners

AT&T Communications
C-Spire
Wireless Telecommunications Providers
Cellular Service Providers

State ESF Coordinator

Mississippi Emergency Management Agency (MEMA)
State Primary Agencies
Mississippi Emergency Management Agency (MEMA)
Mississippi Department of Public Safety (MDPS)
Mississippi Wireless Communications Commission (WCC)

Introduction

Purpose

This ESF was developed in order to provide information about communications equipment and warning capabilities that are available in Forrest County during emergency operations. The entire communications system is discussed and procedures for its use are outlined. The success of ESF #2 requires the coordination, pooling, and networking of both available and obtainable communications resources provided by local government entities, volunteer organizations, other organizations, corporations, or other telecommunications providers.

The term "available" refers to resources within the existing inventory or control of participating agencies that can be used for the event. The term "obtainable" refers to resources to be acquired through mutual aid agreement, contract, lease, purchase, or otherwise from the inventory or control of participating agencies. These resources may be in such forms as facilities, personnel, equipment, materials, supplies, consulting services, contractual services, easements, rights-of-way, technical assistance, or other.

Scope

If local government communications capabilities or resources become inadequate to meet emergency or major disaster needs, ESF #2 of the Forrest County Comprehensive Emergency Management Plan (CEMP) will be activated to provide support to those jurisdictions and agencies affected. This support will be provided in accordance with the Concept of Operations in the State CEMP, which also consolidates the concepts of the National Response Framework (NRF).

Relationship to Whole Community

This section describes how ESF #2 relates to other elements of the whole community. Basic concepts that apply to all members of the whole community include:

Forrest County Emergency Support Function #2 – Communications Response Annex

Local, State, Tribal, and Area Governments

- Gain situational awareness through reporting that occurs at each level: from local, state, tribal, territorial, insular area governmental agencies; nongovernmental organizations; industry essential service providers; other private sector partners; and residents. Information and support requests generally flow from the incident level, through operations and coordination centers, to decision makers. At the same time, decision makers and operations and coordination centers provide accurate, actionable, and relevant information to support incident operations.
- Initiate actions to save and sustain lives, reduce human suffering, and provide additional resources and assistance to response efforts. ESF #2 accomplishes this by providing assistance to stabilize and re-establish critical infrastructure quickly and efficiently, coordinating requests for additional support, identifying and integrating resources and capabilities, and coordinating information flow.

Local authorities are responsible for obtaining required waivers and clearances related to ESF #2 support.

Private Sector/Nongovernmental Organizations

The private sector owns or operates most of the Nation's communications infrastructure and is a partner and/or lead for the rapid restoration of infrastructure-related services.

Through planning and coordination, private sector entities provide critical information for incident action planning and decision making during an incident. Private sector mutual aid and assistance networks also facilitate the sharing of resources to support response.

Core Capabilities and Actions

ESF Role Aligned to Core Capabilities

The following table lists the Response core capability, Operational Communications, that ESF #2 supports, along with the related ESF #2 actions. Though not listed in the table, all ESFs, including ESF #2, support the core capabilities of Planning, Operational Coordination, and Public Information and Warning. **The actions listed beside each core capability in the table apply to local, state, tribal, federal, and Non-Governmental Organizations (NGOs).**

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Forrest County Emergency Support Function #2 – Communications Response Annex

Core Capability	ESF #2- Communications
Operational Communications	• Ensure the capacity to communicate with both the emergency response community and the affected populations and establish interoperable voice and data communications between local, state, tribal, and area first responders. • Re-establish sufficient communications infrastructure within the affected areas to support ongoing life-sustaining activities; provide basic human needs, including the needs of individuals with disabilities and others with access and functional needs; and transition to recovery.

Policies

- An emergency or major disaster may strike one or more areas of the county at any time. The primary event may be a natural disaster, a technological, or other man-made event which causes varying degrees of damage ranging from minor to severe. Secondary effects may also increase damage to further render local communications systems inadequate or inoperable for a prolonged period.
- Two-way communication is essential for the orderly and efficient management of disaster operations. Prior to the impact of a disaster, coordination with other local governments and often with the state is critical. As a consequence, decisions affecting these areas must be communicated to them before conditions prevent the completion of these preparedness and/or response activities.
- Communications systems include traditional radio, telephone, telefax, and wide area network (WAN) connectivity, which may be supported by satellite, wireless, traditional landline services, and other modern electronic delivery mediums. These systems may be disrupted or limited by weather phenomena, antenna damage, transmission line damage, power outages, or other problems.
- Following disasters that have caused extensive damage, communications assistance and support may be required both from within and outside the county and state in order to alleviate human suffering and to restore the affected community (ies) to normal in the least amount of time, if possible.
- County and municipal officials, nonprofit organizations, and private-sector entities respond to the vast majority of incidents acting under their authorities or through agency or interagency contingency plans.
- The use of both traditional communications systems and modern technologies, such as WebEOC®, Internet, high-frequency phones and radios, and satellite networks, combined with backup from other counties and agencies tasked under this ESF, will enhance the county's capability in communications and automated data systems.
- Alternate, backup, or substitute methods of communication that may be required will be provided by other support agencies having these assets.

Forrest County Emergency Support Function #2 – Communications Response Annex

- Virtual-public activities, industry, commercial firms, and amateur radio operators are capable of augmenting established communications systems.
- Communications within the disaster area will require re-establishment or augmentation to provide verbal exchange between the state and federal disaster officials. Assistance can be provided with the deployment of MEMA's Mobile Operations Command Center (MOBOPS). MOBOPS' abilities include: , nine telephone lines, 700/800 trunks, UHF, two high band channels, two low band channels, two satellite radios, a marine radio, an aircraft radio, a camera system, video teleconferencing capacity, four VOIP lines, and Ground Control for Internet connection and additional capabilities.
- Emergency communications links between the State Emergency Operations Center (SEOC), the Federal government, and state agencies will be developed as needed.
- Ensuring the security of certain privileged or proprietary information will be accomplished.
- In a major disaster, existing communications may require augmentation to handle the increased volume of traffic.
- Interoperable communications with on and off-scene personnel will be achieved through the use of the Mississippi Wireless Integrated Network (MSWIN) which serves as the statewide 700 MHz interoperability system, ACU-1000s installed throughout the state, development of Incident Communications Plans (ICS Form 205), and/or the National Interoperability Field Operations Guide (NIFOG).
- All efforts will be made to meet the needs of those individuals with communication disabilities working in emergency operations, in accordance with the Americans with Disabilities Act (ADA).
- Policies regarding actions taken by 911 communication centers to an effort to support/coordinate communications, including alternate or backup methods, are included in local plans.

Concept of Operations

Assumptions

- Effective coordination of emergency response requires some form of communications.
- Communications systems may fail during a disaster or emergency.
- During period of heavy activity, some channels may become saturated with radio traffic.
- Lack of communications discipline and proper technique can reduce the effectiveness of communications systems.

Forrest County Emergency Support Function #2 – Communications Response Annex

- The Communications Center is usually only staffed with limited personnel, so communications with dispatch may become quickly overwhelmed.

General

- Communications play a critical role in emergency operations. Extensive communications network and facilities are already in existence throughout Forrest County. When these capabilities are properly coordinated, response activities become much more effective and efficient.
- Forrest County Emergency Management Agency has the primary responsibility for maintaining and operating the Emergency Operations Center (EOC) emergency communications systems and conducting the restoration of the communications infrastructure.
- The existing radio, telephone, telefax, and other systems of Emergency Management will provide the primary means for government communications. Backup and supplemental support communications systems are provided by all agencies participating in this ESF.
- All agencies with ESF # 2 responsibilities will ensure that they have Standard Operating Procedures (SOPs) in place to enable them to perform appropriate levels of mitigation, preparedness, response, and recovery related to the event. Agencies will have completed mitigation and preparedness activities prior to the initiating event, and will begin to perform response and recovery as needed.

Organization

- The Director of Forrest County Emergency Management Agency exercises control over the Emergency Management communications organizations and those who share in the network for support purposes. Operational control for ESF #2 is passed down from the Emergency Management Director to the Communications Officer.
- The Operations Director for Forrest County Emergency Management Agency is directly responsible for the activities and establishment of facilities in the Emergency Communications Center (ECC). He coordinates and controls personnel and equipment from support organizations in accordance with EOC emergency operating procedures.
- The Emergency Management communications organization is comprised of assigned personnel from Emergency Management and trained operators from supporting government agencies, quasi-public activities, and the private sector with terminal and entry equipment stored in the EOC.

Administrative and Logistical Support

- Individuals that represent their agencies/departments at the Forrest County EOC are responsible for knowing and using the proper communication and message procedures found in this ESF. They will be under the authority of Forrest County Emergency Management Director.
- Support agencies with communications systems linked to the county EOC are responsible for the maintenance of their equipment.

Forrest County Emergency Support Function #2 – Communications Response Annex

- Operational logs, messages, requests, and other appropriate documentation will be maintained for future reference. Paper documents will be saved to a CD, thumb drive, or other available electronic format and the paper documentation will be shredded after three years on file.
- All ESF #2 agencies which have automated financial management systems will utilize those systems to capture incurred costs of all available, acquired, and contracted resources used during the support activities related to emergency or major disaster operations. Those agencies not having access to an automated system will utilize their existing system to capture all related costs for reporting and potential reimbursement.
- All ESF #2 agencies should ensure that their financial management system, automated or otherwise, is used to capture their incurred costs during an emergency, major disaster, or exercise and must be in compliance with applicable agency, state, and federal guidelines, rules, standards, and laws. This understanding is based on the knowledge that any reimbursement of incurred costs is subject to audit.

Actions

Preparedness

- Equipment is kept under a constant schedule of testing, maintenance, and repair.
- Replacement parts are kept at the EOC and arrangements are in existence for additional repair facilities.
- Personnel are trained on the appropriate equipment as necessary.

Pre-Incident

- Alert local governments in the danger areas throughout Forrest County. Notifications for information to communicate may include severe weather information and/or damage, hazardous material spills, radiological incidents and shipments, major structure fires and explosions, major transportation accidents, search and rescue, missing/overdue aircraft, bomb threats, wild land fires, civil disorder, dam failure, water supply failure, terrorist incidents including weapons of mass destruction, general health hazards, and other events, as needed.
- Acquire the appropriate equipment and telecommunications services and make ready for emergency operations.
- Maintain a current contact list of vendors for technical support purposes.
- Maintain a current list of all AT&T emergency contact numbers.
- Maintain alert and notification procedures for EMA personnel, ESF #2 support personnel, and other key personnel supporting the Forrest County CEMP.
- Provide an ECO and alternate, if 24-hour coverage is necessary, and ESF #2 liaison to the EOC.

Forrest County Emergency Support Function #2 – Communications Response Annex

- May provide communications pre-staging capabilities with mobile command post equipped with land mobile and satellite radio.

Incident

- When emergency operations are initiated, the Forrest County Emergency Management Director will determine which communications personnel will be required to report to duty. Staff requirements will vary according to the incident.
- Alert notifications are made through telephone, e-mail, pagers, text messages to cell phones, radio, and fax capabilities.
- All ESF personnel represented in the EOC will use an event summary form to briefly document all their general activities performed.
- All requests for assistance and all general communication messages will be taken down on the form and given to the person designated to log messages. The message logger will then route the message to the appropriate ESF represented in the EOC.
- All representatives at the EOC will keep phone logs.

Recovery

- All activities in the emergency phase will continue until such time as emergency communications are no longer required.
- Provide communications support as required.
- Provide information on status of communications in Forrest County.

Post-Incident

- Operational logs, messages, requests and other appropriate documentation will be maintained for future reference.
- Internal and external communications equipment is essential to support disaster response and recovery efforts. Each is needed to disseminate instructions and operational guidance. Internal communications equipment may utilize existing telephone systems, e-mail, satellite radio, facsimile machines, High Frequency (HF) radio or messengers.
- Support agencies with communications systems linked to the EOC and other field operations are responsible for the maintenance of their own equipment.
- The Operations Director is responsible for maintaining the availability of adequate repair parts and operating supplies.
- Prepare an after action report for closeout to identify key problems, issues and recommended resolutions and submit to Forrest County Emergency Management Director.

Forrest County Emergency Support Function #2 – Communications Response Annex

Responsibilities

The day-to-day operations of local Emergency Management provides planning and personnel training to obtain the maximum use of available resources and materials in the event an emergency should arise. During the emergency, local government will coordinate and identify essential resources to be rendered to disaster victims. The aim of the Communications ESF is to utilize assigned and trained personnel to carry out each assignment effectively among the many equipment tasks to be performed during an emergency.

Forrest County Emergency Management

- Activate the EOC/ECC when necessary.
- Develop and maintain a current personnel roster for EOC staffing (have back-up EOC personnel already notified in case of extended 24-hour period operations).
- Responsible for overall authority of EOC/ECC operations.
- Supervise all communication activities.
- Responsible for checking commercial radio and television broadcasts for accuracy of public information.
- Maintain and be responsible for the proper functioning of communications equipment in the ECC.
- Coordinate with assigned EOC staff on communication's usage and procedures.
- Be sure that all incoming/outgoing disaster communication traffic is documented on the proper message forms.
- Appoint someone to number messages and record them in a log.
- Establish communication protection procedures against lightning strikes, loss of power, etc.
- Establish communication contact with the Mississippi Emergency Management Agency.
- Identify and know the activation procedures of all Forrest County warning systems.
- Under the authority of the Board of Supervisors and Mayors, responsible for relaying all local watches and warnings via this ESF and ESF# 15.
- Provide a predetermined list of manpower for door-to-door warning if necessary (especially for at risk populations such as: hearing impaired, non-English speaking groups, elderly populations, transportation disadvantaged, etc.). For more information on at risk populations see Basic Plan.
- Educate the public regarding the use of the warning systems.

Forrest County Emergency Support Function #2 – Communications Response Annex

- Phase down EOC operations when disaster is closed out.

Support Agencies' Responsibilities

Agency	Functions
Forrest County Sheriff's Office	• Direct all calls concerning the disaster to the appropriate location (i.e., EOC, Sheriff's Office, Fire Department, Hospital, etc.). • Responsible for proper screening and routing of all incoming telephone calls.
Forrest County Amateur Radio Operators	• Responsible for upkeep of own communications equipment. • Coordinate with Emergency Management in the proper dispatching and handling of all emergency request calls during disasters. • Assist in warning key personnel, public, and emergency departments of impending danger.
City of Hattiesburg and Petal Police Departments and Fire Services	• Provide communications support to the EOC. • Relay all field actions or requests back to the EOC. • Provide mobile public address units for warning, if necessary. • Provide manpower for door-to-door warning, if necessary and feasible.
Designated county EOC personnel	• Report to the EOC when notified of its activation. • Responsible for proper use of the equipment at assigned position. • Establish communication links with responders in the field. • Responsible for keeping accurate records of all traffic over the various networks. • Responsible for reporting any problems or difficulties with equipment, personnel, or any communication devices to Emergency Management personnel.
Forrest County Emergency Service Response Agencies	• Responsible for maintaining a constant communications link to their EOC representative for coordination purposes.

ESF #2 Review and Maintenance

Forrest County Emergency Management will coordinate an annual revision of this ESF annex with all supporting agencies. Unscheduled reviews may be conducted based on incident experience or changing laws and regulations. Recommendations will be submitted to Emergency Management as needed for approval, publication, and distribution.

Forrest County Emergency Support Function #2 – Communications Response Annex

Appendices

Appendix 1	Event Summary Log
Appendix 2	Warning Equipment/Procedures
Appendix 3	Forrest County Radio Operating Frequencies
Appendix 4	Mississippi Wireless Communications Commission Regional Map
Appendix 5	SATCOM Network
Appendix 6	NWS Warning Areas
Appendix 7	Mississippi Highway Safety Patrol Districts
Appendix 8	MDPS Emergency Telephone Numbers

Appendix 1- Event Summary Log

Insert the number beside the type event/incident onto the appropriate line in the column marked "EVENT ID No." Use an ID number for each event worked during the operational period. Distinguish different events with the same ID No. by adding an alphabetic indicator for each different event of the same type (example, 4a, 4b, 4c, etc.).

- Name:

Date:

ESF #2-11

Forrest County Emergency Support Function #2 – Communications Response Annex

Appendix 2- Forrest County Warning Equipment Procedures

1. National Weather Service (NWS)

Forrest County is part of the Jackson National Weather Warning District and will receive weather related information from this location.

2. NOAA Weather/All Hazards Radio

NOAA weather/all hazards radio report the latest weather information 24 hours a day directly from the NWS office in Jackson to Forrest County.

Severe Weather

During threatening or severe weather, NOAA Radio broadcasters can interrupt the routine weather broadcasts with special weather statements or warning messages. Broadcasters also activate the warning alarms on weather and all hazard radios, indicating that an emergency message is being transmitted.

Warning Alarm

A warning siren alarm test is conducted the first Tuesday of each Month. If threatening weather is forecast or precipitation is detected by radar, the test is postponed until the following day.

Public Schools and Buildings

All schools and public buildings in Forrest County have been equipped with NOAA all-hazard radios. Also, the public schools have been equipped with alert devices that allow the schools to receive real time information on the alert that is broadcast by the Forrest County Emergency Management Agency.

3. National Warning System (NAWAS)

NAWAS is a nationwide dedicated telephone system. It operates on three levels: Federal, state, and local. There is one NAWAS drop in Forrest County, located at 4080 Hwy 11 Hattiesburg, MS 39442.

4. Hattiesburg & Petal Police Departments, Hattiesburg & Petal Fire Departments, Forrest County Fire Departments, E-911, and Forrest County Emergency Management Agency

The Hattiesburg & Petal Police Departments, Hattiesburg & Petal Fire Departments, Forrest County Fire Departments, E-911, and Forrest County Emergency Management Agency have the ability to activate the 911 toning system that alerts emergency services personnel. The Emergency Management Coordinator will also instruct E-911 when to notify other pertinent officials of Forrest County or the Cities of Hattiesburg & Petal, as he/she deems necessary.

Forrest County Emergency Support Function #2 – Communications Response Annex

5. Emergency Alerting System (EAS)

EAS provides a means for supplying emergency information to the public. It utilizes commercial radio and television. Broadcast services are provided on a voluntary organized basis. Stations that utilize EAS are listed in ESF #15.

6. Print Media

When time is sufficient, emergency awareness information and procedures are provided through the print media, particularly through newspapers.

7. Project Skywarn

Project Skywarn is a national program designed to place trained personnel in the field to spot and track severe weather and tornados. Skywarn is sponsored locally by the Forrest County Emergency Management Agency. Training is conducted by the National Weather Service office in Jackson.

8. Outdoor Warning Sirens

The Cities of Hattiesburg, Petal, and the University of Southern Mississippi have a combined total of 10 outdoor warning sirens. These sirens can be activated during a tornado warning or disaster from several locations throughout Forrest County. The Forrest County Emergency Management Coordinator is responsible for activating the siren system once a tornado warning has been issued.

Forrest County Emergency Support Function #2 – Communications Response Annex

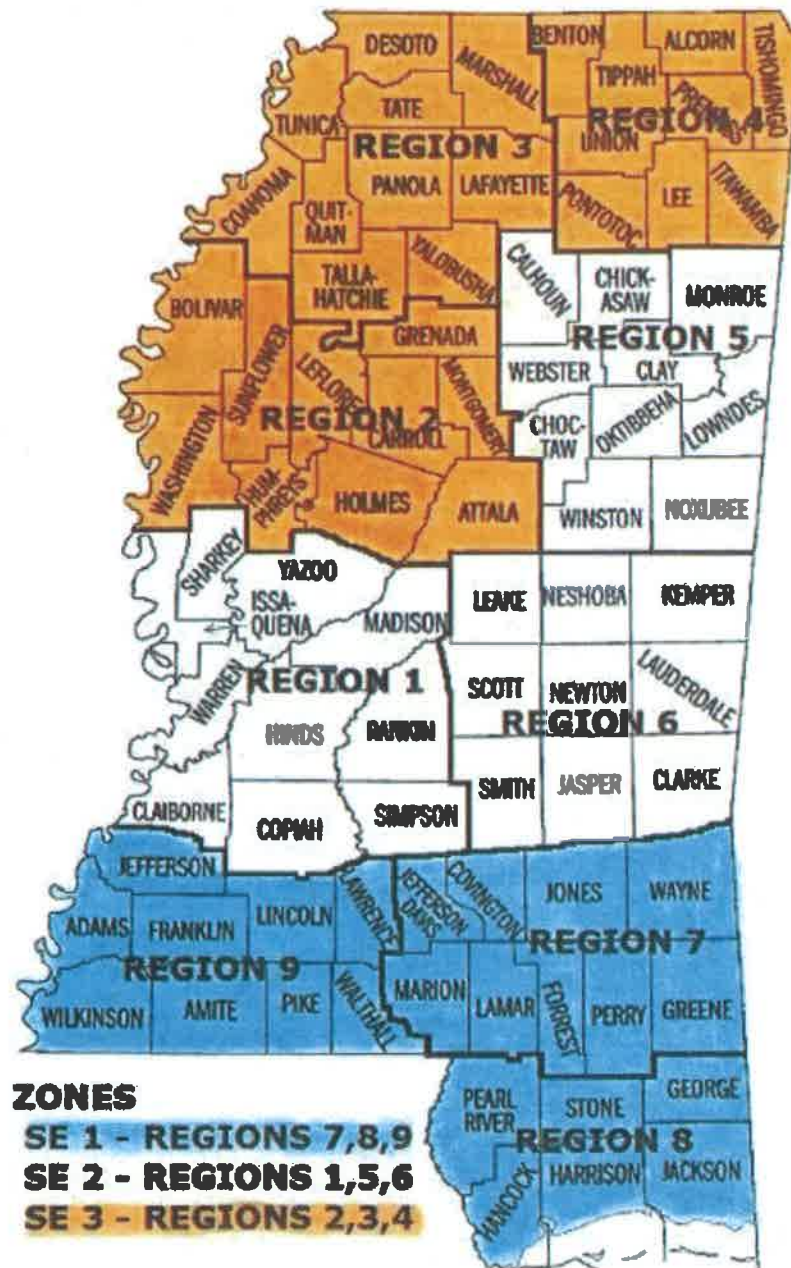
Appendix 3- Forrest County Radio Operating Frequencies

Forrest County Radio system information

Forrest County is part of the MSWINN Radio system. We maintain three sites on the system. Forrest County operates 109 Talk groups on the MSWINN System. All Governmental and Public Safety Agencies inside Forrest County operate on this P25 trunking system. Forrest County also has compatibility with State agencies by using this system.

Forrest County Emergency Support Function #2 – Communications Response Annex

Appendix 4- Mississippi Wireless Communications Commission Regional Map



Forrest County Emergency Support Function #2 – Communications Response Annex

Appendix 5 - SATCOM Network

Adams County EMA	Warren County EMA
Coahoma County EMA	Washington County EMA
Copiah County EMA	Hinds EOC
DeSoto County EMA	Bolivar CD
George County EMA	Claiborne CD
Grenada County EMA	Hancock CD
Hattiesburg EMA	Harrison CD
Jackson County EMA	Pearl River CD
Lauderdale County EMA	Stone CD
Lowndes County EMA	Greenwood MHP
Monroe County EMA	MDOT Radio
Panola County EMA	RAD Health
Tate County EMA	MS Department of Public Safety
Tunica County EMA	Wildlife, Fisheries, and Parks

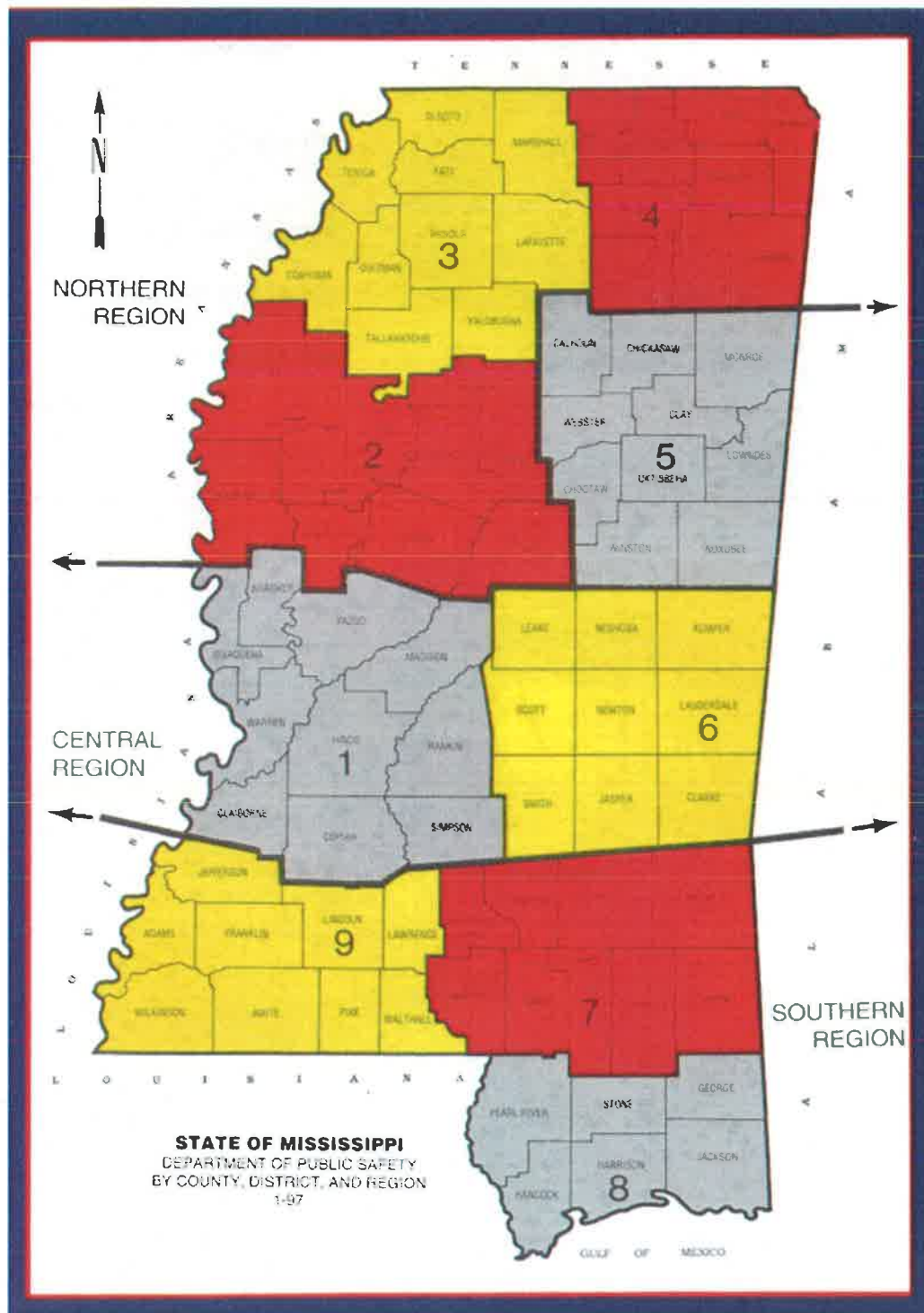
Forrest County Emergency Support Function #2 – Communications Response Annex

Appendix 6- National Weather Service Warning Areas

Jackson Weather	601-936-2189
Slidell Weather	985-645-0899
Mobile Weather	251-633-6443
Memphis Weather	901-544-0399

Appendix 7- Mississippi Highway Safety Patrol Districts

Forrest County Emergency Support Function #2 – Communications Response
Annex



Appendix 8- Mississippi Department of Public Safety Emergency Telephone Numbers

Forrest County Emergency Support Function #2 – Communications Response Annex

MDPS Emergency Telephone numbers

HQs/Troop C Dispatch 601-987-1530

800-843-5352 Toll free number

Troop Main Numbers

Troop C	601-420-6342
Troop D	662-453-4515
Troop E	662-563-6400
Troop F	662-534-8619
Troop G	662-323-5314
Troop H	601-693-1926
Troop J	601-582-3529
Troop K	228-396-7400
Troop M	601-833-7811
MBI	601-987-1579
Public Affairs	601-987-1393
MJIC at CIC	601-933-2662
Homeland Security	601-346-1521
Motor Carrier Unit	601-362-3541

Forrest County Emergency Support Function #3- Public works and Engineering

ESF #3 Coordinator

Forrest County Road Manager
Forrest County Maintenance Supervisor
Hattiesburg Public Works Director
Petal Public Works Director

Pearl River Valley EPA
Southern Pines Electric Power Assn.
Wilmot Gas Company
Center Point Energy
AT&T
Comcast Cable

Primary Agencies

Forrest County Board of Supervisors
Municipalities in Forrest County
Forrest County Emergency Management Agency
Hattiesburg Public Works Department
Petal Public Works Department
Forrest County Road Department
Forrest County Maintenance Supervisor

Support Agencies

Forrest County Engineer
Forrest County Health Department
Water Associations –

Barrontown Water Association
Brooklyn Utility
Carnes Utility
Dixie Community Utility
Eastabuchie Water Utility
Glendale Utility District
McLaurin Utility District
Rawls Springs Utility
Sunrise Water Utility Association
Hattiesburg Water
Petal Water

Other Public/Private Utilities

Mississippi Power
Dixie Electric Power Assn.
South MS Electric Power Assn.

State Non-governmental Support Organizations

Alabama/Mississippi Section, American Water Works Association
Mississippi Water and Pollution Control Operators Association
Mississippi Rural Water Association
Mississippi Chapter of the American Public Works Association
Mississippi Water Environment Association
Building Officials of Mississippi
Community Resource Group/Mississippi Rural Community Assistance Program
Mississippi Municipal League
Mississippi Association of Supervisors

State ESF Coordinator

Mississippi Emergency Management Agency
Mississippi Chapter of the American Public Works Association

State Primary Agencies

Mississippi Emergency Management Agency
Mississippi Chapter of the American Public Works Association

Introduction

Purpose

The purpose of this Emergency Support Function (ESF) is to provide for the development of public works and engineering plans for various emergency disasters, situations, and/or incidents when extraordinary measures must be taken to protect lives and property in Forrest County. This ESF provides for work crews and officials to quickly and efficiently restore and maintain public and private utilities to the citizens of Forrest County.

The public works activities addressed in this ESF include, but are not limited to, the following: (1) restoration of utilities; (2) debris and timber removal; and (3) repair and restoration of streets, roads, and bridges.

Forrest County Emergency Support Function #3- Public works and Engineering

Scope

If an emergency or a major disaster should overwhelm the resources and capabilities of public works at the local government level, ESF #3 of the Forrest County Comprehensive Emergency Management Plan (CEMP) will be activated to provide support in accordance with concepts of the State CEMP and the National Response Framework (NRF). The Scope of this ESF includes but is not limited to:

- Participation in needs/damage assessments immediately following a disaster.
- Coordinate emergency clearance of debris to enable reconnaissance of the damaged areas and passage of emergency personnel and equipment for lifesaving, property protection, and health and safety.
- Coordinate removal and disposal of debris from public property.
- Coordinate emergency access routes which include repairs to damaged streets, bridges, ports, waterways, airfields, and other facilities necessary for emergency access to disaster victims.
- Coordinate emergency restoration of critical public facilities, including the temporary restoration of water supplies and wastewater treatment systems.
- Coordinate inspection of damaged structures and facilities. Monitor demolition or stabilization designated by State or local government as immediate hazards to public health and safety, or as necessary to facilitate lifesaving operations (temporary protective measures to abate immediate hazards to the public for health and safety reasons until demolition is accomplished).
- Coordinate emergency contracting to support public health and safety such as providing for potable water, ice, or power.
- Coordinate technical assistance, including inspection of private residential structures and commercial structures.
- Support to other ESFs as outlined in the NRF.
- Assessment and coordination of emergency power to public facilities.

Relationship to Whole Community

Local, State, Tribal, and Area Governments

- A whole community approach is used in the delivery of core capabilities through coordinated planning and response with local, state, tribal, territorial, and insular area partners.
- Local, state, tribal, and area governments are responsible for their own public works and infrastructures and have the primary responsibility for mitigation, preparedness, response, and recovery.

Forrest County Emergency Support Function #3- Public works and Engineering

- Local, state, tribal, and area governments are fully and consistently integrated into ESF #3 activities.
- When activated to respond to an incident, the primary agencies for ESF #3 develop work priorities in cooperation with local, state, tribal, territorial, and insular area governments.
- Local authorities are responsible for obtaining required waivers and clearances related to ESF #3 support.
- Local, state, tribal, territorial, and insular area mutual aid and assistance networks facilitate the sharing of resources to support response activities.

Private Sector/Nongovernmental Organizations

- The private sector owns and/or operates a large proportion of the Nation's infrastructure and is a partner and/or lead for the rapid restoration of infrastructure-related services.
- Through ongoing planning and coordination, the private sector provides critical details for incident action planning and decision making processes during an incident.
- Private-sector mutual aid and assistance networks facilitate the sharing of resources to support response.
- Pre-awarded contracts and other emergency contracting vehicles are used to leverage private sector capabilities to support ESF #3 response activities.
- A whole community approach is used in the delivery of core capabilities through established relationships and agreements with volunteer organizations and other nongovernment organizations.

Core Capabilities and Actions

ESF Roles Aligned to Core Capabilities

The following table lists the Response core capabilities that ESF #3 most directly supports along with the related ESF #3 actions. Though not listed in the table, all ESFs, including ESF #3, support the core capabilities of Planning, Operational Coordination, and Public Information and Warning. **The actions listed beside each core capability in the table apply to local, state, tribal, federal, and Non-Governmental Organizations (NGOs).**

Core Capability	ESF #3- Public Works and Engineering
Infrastructure Systems	• Prepares for potential public works and engineering requirements. Activities include providing public information, contributing to situational awareness, establishing response teams, leveraging technological tools, training and exercising with partners, establishing private sector contracts and agreements, and coordinating with volunteer organizations and other nongovernmental partners.

Forrest County Emergency Support Function #3- Public works and Engineering

Infrastructure Systems (continued)	• Conducts pre-incident and post-incident assessments of public works and infrastructure. • Executes emergency contract support for life-saving and life-sustaining services. • Provides emergency repair of damaged public infrastructure and critical facilities. • Supports restoration of critical navigation, flood control, and other water infrastructure systems, including drinking water and wastewater utilities. • Provides assessment and emergency response support for water, wastewater treatment facilities, levees, dams, buildings, bridges and other infrastructure. • Provides temporary emergency power to critical facilities (e.g., hospitals, water treatment plants, shelters, fire/police stations). • Constructs temporary critical public facilities to temporarily replace destroyed or damaged following a disaster (e.g., schools, local government offices, fire stations, police stations, and medical facilities) in coordination with ESF #6. • Provides assistance in the monitoring and stabilization of damaged structures and the demolition of structures designated as immediate hazards to public health and safety. • Provides structural specialist expertise to support inspection of mass care facilities and urban search and rescue operations in coordination with ESF #9. • Manages, monitors, and/or provides technical advice in the clearance, removal, and disposal of debris from public property and the reestablishment of ground and water routes into impacted areas. For the purposes of ESF #3, the term “debris” includes general construction debris that may contain inherent building material contaminants, such as asbestos or paint. Debris may also include livestock or poultry carcasses and/or plant materials. • Provides technical assistance to include engineering expertise, construction management, contracting, real estate services, and inspection of private/commercial structures. • Provides engineering and construction expertise, responders, supplies, and equipment to address flooding to include providing advance measures in anticipation of imminent severe flooding.
Critical Transportation	• Provides coordination, response, and technical assistance to effect the rapid stabilization and reestablishment of critical waterways, channels, and ports to include vessel removal, significant marine debris removal, emergency dredging, and hydrographic surveys. • Clears debris from roads to facilitate response operations. • For incidents involving a blast or explosion associated with a chemical, biological, radiological, or nuclear (CBRN) threat agent resulting in a contaminated debris field, leads local actions to clear critical transportation routes of CBRN-contaminated debris, during the emergency phase, in consultation with ESF

Forrest County Emergency Support Function #3- Public works and Engineering

	#10. ESF #10 assumes leadership for management of CBRN-contaminated debris after the emergency phase is over.
Environmental Response/Health and Safety	• Collects, segregates, and transports to an appropriate staging or disposal site(s) hazardous materials that are incidental to building demolition debris, such as household hazardous waste and oil and gas from small motorized equipment; removes and disposes of Freon from appliances; and removes, recycles, and disposes of electronic goods. • For incidents involving a blast or explosion associated with a CBRN threat agent resulting in a contaminated debris field, ESF #3, in consultation with ESF #10 and MEMA: – Provides structural specialist expertise to support inspection of damaged CBRN-contaminated infrastructure and may employ temporary stabilization measures or take other actions as necessary to address structural instability concerns. – Performs demolitions after a determination is made that a building is unstable and creates an imminent hazard to workers and/or after ESF #10, in conjunction with other appropriate Local, state, tribal, territorial, and insular area authorities, makes a determination that demolition is the desired cleanup approach.
Public and Private Services and Resources	• Executes emergency contracting support for infrastructure related to life-saving and life-sustaining services to include providing potable water, emergency power, and other emergency commodities and services.
Fatality Management	• Manages debris to facilitate fatality recovery efforts to include establishing a system for sorting debris and recovering human remains. • Provides construction and engineering support for temporary morgues.
Mass Care Services	• Provides construction, engineering, and project management expertise and support for temporary housing and sheltering, ensuring accessibility for those with disabilities and others with access and functional needs to include management of temporary roofing support following hurricane disasters. • Inspects mass care shelter sites to ensure suitability and accessibility of facilities to safely shelter survivors. • Constructs temporary shelter facilities, including accessible shelters, in the affected area, as required.
Search and Rescue	• Provides specially trained and equipped structural engineers to augment FEMA Urban Search and Rescue Task Forces, incident support teams, military technical rescue organizations, and general purpose troops during structural collapse incidents and other disaster response missions. • As required, provides debris removal equipment and expertise to support search and rescue operations.

Forrest County Emergency Support Function #3- Public works and Engineering

Policies

Essentially all public works equipment and personnel from Forrest County and the respective towns will be available to cope with most disaster situations. Trained contractors in and around Forrest County may also have sufficient resources to backup public works recovery efforts in any unforeseen life-threatening disaster situation. Trained personnel and equipment can be requested from nearby counties if needed, and also through the state.

Concept of Operations

Assumptions

- Most emergencies and disasters involve damage to property to some extent. Roads, bridges, public utility systems, public and private buildings, homes, and other facilities will have to be inspected and either cleared for use, reinforced, quarantined, or demolished to ensure safety.
- The inspection, repair, or demolition of buildings and infrastructure damaged by a disaster is the responsibility of local officials, as is the enforcement of local building, zoning, and subdivision regulations. ESF #3's function is resource assistance. ESF #3 may task inspectors to jurisdictions through Mutual Aid resources for assessments; the local jurisdiction will make final determinations and take appropriate action.
- Upon successful reinstatement of public water supplies, the probable overflow of inoperable wastewater collection and treatment systems may compound public health concerns.
- In the event power is lost and alternate power supplies are not adequate to the infrastructure, a critical water shortage may develop which can only be met through transporting bulk water into the affected area in tanker trucks or by using portable treatment facilities with local surface supply. Adequate pressurized water supplies or operable hydrants may not be available for fire-fighting operations.
- Immediate evaluation of the safety of public and private structural and non-structural damage will be critical to preventing further damage and to protect the public's health and welfare.
- Debris will restrict the use of streets and highways, making some impassable. Public utilities will also be damaged/ covered by debris and may be partially or fully inoperable.
- Vital public works and engineering trucks and equipment in the immediate disaster area may be damaged or temporarily inaccessible for response and recovery applications.
- State or federal assistance may be required to identify and deploy resources from outside the affected area to ensure a timely, efficient, and effective response and recovery.
- Access to the disaster areas will be dependent upon the re-establishment of ground and water routes. In many locations, debris clearance and emergency road repairs will be given top priority to support immediate lifesaving emergency response activities.

Forrest County Emergency Support Function #3- Public works and Engineering

- Early damage assessments will be general, incomplete, and may be inaccurate. Rapid assessments of the disaster area are required to determine critical response times and potential workloads.
- Methodology for prioritizing tasks will generally be found to be ranked by public health/safety and population affected.
- To minimize threats to public health, emergency environmental waivers and legal clearances may be needed to dispose of emergency debris and materials from demolition activities. Local authorities are responsible for obtaining required waivers and clearances.
- Significant numbers of personnel having engineering and construction skills and construction equipment and materials may be required from outside the disaster area.
- Primary agencies (including Forrest County EMA) and support agencies will perform tasks under their own authorities, as applicable, in addition to missions received under the authority of Forrest County EMA.
- Maps (electronic or hard-copy) may be inaccessible locally for many utilities.
- Numerous volunteering entities, both governmental and non-governmental may mobilize personnel, supplies and equipment to the affected areas without coordination or communication with the ESF #3 cell. Duplication, chaos and confusion may ensue and vital resources will be found to have been better tasked to other areas.
- Regional and national resource networks may fail to operate.
- Forrest County EMA and support agency personnel required to man the ESF #3 desks may not have access to fuel for personally owned vehicles (POV) to travel to work or field.
- Jurisdictions from both in and out-of-state will offer services to those in need.
- Local officials in affected areas will have little knowledge of procedures available to them in the aftermath of disaster (emergency procurement procedure). Where adequate Mutual Aid Agreements (MAAs) are not in place, resistance to signing new ones will prevail.
- Local officials will resist “paying up front.”
- Attempts will be made to travel the “100% Assistance” path, delaying acceptable tasking options.
- Contractors offering ‘free and voluntary’ services or supplies will be on the scene seeking travel pass.

General

Essentially all public works equipment and personnel from Forrest County will be available to cope with most disasters. County and City resource listings can be found in ESF #7 Resource Management. The Forrest County Board of Supervisors along with the Public Works Directors of

Forrest County Emergency Support Function #3- Public works and Engineering

Hattiesburg, and Petal and the Mayors of Hattiesburg and Petal are the primary individuals responsible for ESF #3. Representatives from these departments will coordinate with all appropriate agencies/departments and organizations to ensure operational readiness in times of emergencies.

Local officials, through their county Emergency Operations Centers (EOCs), should be encouraged to be self-sufficient during the first 2 – 3 days of a disaster. Local officials and managers should channel their requests for assistance where possible through county EOCs. County EOCs should encourage local officials to learn more about the benefits of Mutual-Aid Agreements (MAA), particularly for their utilities. Local officials must conduct initial damage assessment to determine the severity and magnitude of property damage in quantity, community impact, and dollar amount.

Prioritization and initiation of emergency, initial response, and short-term recovery work tasking to restore, repair, and mitigate the impact of the public work and engineering needs include:

- Reconnaissance of the damaged areas and access by emergency personnel and equipment for lifesaving, life protecting, and health and safety purposes during the immediate response phase;
- Emergency clearing of debris from the multi-modal transportation infrastructure;
- Emergency repair or closure of damaged segments of the multi-modal transportation infrastructure, in conjunction with ESF #1;
- Emergency repair and restoration of damaged but potentially operable water, electrical, natural gas, sanitary/sewage, and storm water collection, generating, and distribution system;
- Development and initiation of emergency collection, sorting, and disposal routes and sites for the cleared from all public and private property;

All agencies with the above responsibilities will ensure that they have Standard Operating Procedures (SOPs) in place to enable them to perform appropriated levels of public works and engineering mitigation, preparedness, response and recovery.

Organization

Forrest County Emergency Operations Center

ESF #3 is part of the EOC Operations Section and the Emergency Services Branch.

Administrative and Logistical Support

All participating ESF #3 agencies are expected to:

- Coordinate their support with ESF #3.
- Attend and support briefings and other coordination meetings, whether at the EOC or elsewhere.

Forrest County Emergency Support Function #3- Public works and Engineering

- Maintain operational logs, messages, requests, and other appropriate documentation for future reference.
- Maintain their maps, displays, status reports, and other information not included in the ESF #5 operations.
- All agencies supporting ESF #3 will receive primary administrative support from their parent organization with additional support from Forrest County EMA as needed.
- All ESF #3 agencies which have automated financial management systems will utilize those systems to capture incurred costs of all available, acquired, and contracted resources used during the support activities related to emergency or major disaster operations. Those agencies not having access to an automated system will utilize their existing system to capture all related costs for reporting and potential reimbursement.
- All ESF #3 agencies should ensure that their financial management system, automated or otherwise, is used to capture their incurred costs during an emergency, major disaster, or exercise and must be in compliance with applicable agency, state, and federal guidelines, rules, standards, and laws. This understanding is based on the knowledge that any reimbursement of incurred costs is subject to audit.

Contracts and Mutual Aid Agreements

- Prior arrangements must be developed for direct contracting with private contractors, vendors, and engineers to assist in response and recovery efforts.
- Local government support is available to members of the Statewide Mutual Aid Compact (SMAC).
- Resources may be obtained by activating mutual aid agreements.
- Resources acquired through mutual aid agreements will be managed according to the requirements of those agreements.

Operations and Planning Support

- ESF #3 will operate in concert with the Incident Command System (ICS).
- ESF #3 will report all activity via appropriate media as required by Forrest County EMA.
- ESF #3 will provide daily situation reporting to ESF #5 as directed by that emergency support function.

Actions

Preparedness

- Ensures that county-level ESF #3 Standard Operating Procedures (SOPs) are developed and maintained to provide detailed information under ESF #3 operations.

Forrest County Emergency Support Function #3- Public works and Engineering

- Plans engineering, contracting, and procurement assistance for emergency debris removal, demolition, public works repair, and water supply missions.
- Designates an ESF #3 liaison and alternate that will report to the County EOC or other areas of operation.
- Maintains an inventory list/data base of equipment and supplies needed to sustain emergency operations.
- Supports development and maintenance of SOPs to enable agencies to perform appropriate levels of mitigation, preparedness, response, and recovery related to public works and engineering, including an alternate list of agencies with debris removal capabilities.
- Assigns and trains personnel to support emergency operations at the Forrest County EOC or other areas of operation.
- Establish training for pre-disaster and post-disaster assessment of structures.
- ESF #3 Liaison should ensure administrative, supervisory and technical requirements are collaborated with Forrest County Emergency Management Director.

Pre-Incident

- Notify Support Agencies and Partners on activation as needed and minimal staffing requirements.
- Conduct preliminary staff meeting with complete ESF #3 Team at EOC.
- Establish strategies for approaching incident(s).
- Provide an ESF #3 liaison (and alternate if 24 hour coverage is necessary) and Forrest County-ESF #5 liaison to the SEOC.
- Arrange meeting with Forrest County Emergency Management Director on Public Works and Engineering actions to be taken; assign staff Liaison (LNO) to facilitate report requirements needed during the incident.

Incident

- Upon activation of ESF #3, the Forrest County ESF lead will communicate pertinent information to all ESF #3 members. Such information will be complete orientation of the ESF #3 mission, purpose and scope of work. Issue or have available ESF #3 SOP manuals or other needed documents.
- Ensure adequate communications are established and maintained.
- Obtain initial situation and damage assessments through established intelligence procedures.

Forrest County Emergency Support Function #3- Public works and Engineering

- Coordinate the distribution of assets as needed.
- Maintain a complete log of actions taken, resource orders, records, and reports.
- Establish, per SOP, protocols for interface with state counterparts, if applicable.

Recovery

- Continue damage assessments and monitor change in condition.
- Assist in pumping out areas that may be flooded.
- Reassess codes and regulations.

Post-Incident

- Provide or secure construction, maintenance, and upgrading of infrastructure to withstand stresses that could be applied by locally identified hazards (County and City- owned facilities).
- Review and recommend revisions to plans and procedures as determined necessary.
- Prepare an after-action report to identify key problems, indicate how problems are to be/were solved, and make recommendations for improving ESF response operations.
- Compare ESF #3 staff records with Forrest County EOC tasking and tracking system to assure accuracy. This includes the City of Hattiesburg and the City of Petal.

Responsibilities

Forrest County Engineer

- The ultimate responsibility for providing public works services under emergency conditions lies with local government. The Forrest County Engineer is designated to oversee the public works activities in the county/city in their respective jurisdiction. This includes determining the damages and utility services lost through the county following a disaster, and advise the Forrest County Emergency Management Director of lost services, coordinating emergency public works activities by dispatching personnel and equipment to the disaster site, and coordinating priority restoration of utilities to critical and essential facilities.
- When all local resources have been exhausted, it will be the responsibility of the Public Works Director to coordinate with the Forrest County Emergency Management Director to obtain additional manpower, equipment, and materials to carry out the engineering, debris removal, maintenance, and construction functions. The engineer will coordinate the overall public works and engineering efforts from the EOC, if it has been activated, designate an individual who will report to the EOC upon activation and will act as the Emergency Coordinating Officer (ECO) for ESF #3 (ensuring an alternate ECO for 24-hour availability if needed).

Forrest County Emergency Support Function #3- Public works and Engineering

Agencies' Responsibilities

Agency	Functions
Forrest County Board of Supervisors	• Provide government oversight to ensure damage assessments of county roads, bridges and other facilities are completed. • Collaborate with the Forrest County EMA Director to ensure the destruction of hazardous dilapidated structures following a disaster or incident is carried out.
Municipalities in Forrest County	• Provide government oversight to ensure damage assessments of city and town roads, bridges and other facilities are completed. • Collaborate with the Forrest County EMA Director to ensure the destruction of hazardous dilapidated structures following a disaster or incident is carried out.
Forrest County Emergency Management Agency	• Coordinate with the ESF #3 lead representatives concerning the overall public works and debris clearance activities for the county and cities. • Help identify and allocate other equipment and personnel to help with public works activities, if needed and forward request to MEMA for state resources.
Hattiesburg Public Works Department	• Responsible for public works duties within their jurisdiction. • Assist the county, to the extent possible, on any life-threatening public works issues. • Provide any mutual-aid as required by Forrest County EMA Director.
Petal Public Works Department	• Responsible for public works duties within their jurisdiction. • Assist the county, to the extent possible, on any life-threatening public works issues. • Provide any mutual-aid as required by Forrest County EMA Director.
Forrest County Health Department	• Assess damages to local/community water systems, consult with the Mississippi State Department of Health's Water Supply Division and take appropriate action as recommended/necessary. • Issue through the Forrest County EMA Director public information or news releases on "boil water notices", as required.
Water Associations - Municipalities	• Top off water storage tanks. • Maintain water pressure when emergency power is attained. • Protect and provide potable water. • Decontaminate water system and coordinate sampling and testing of water with Forrest County Health Department.

Forrest County Emergency Support Function #3- Public works and Engineering

Agency	Functions
Other Public/Private Utilities	• Establish contact with Forrest County EOC for coordination purposes. • Conduct damage assessment of all damages within the county. • Inform customers, through media release, of estimated time of restoration of service and areas off limited to citizens. • Identify the areas without service and restore services to critical facilities first, then residential areas.

Review and Maintenance

The Forrest County Engineer will coordinate an annual revision of this ESF annex with all primary and supporting agencies. Unscheduled reviews may be conducted based on incident experience or changing laws and regulations. Recommendations will be submitted to Forrest County Emergency Management as needed for approval, publication, and distribution.

Forrest County Emergency Support Function #4- Firefighting Annex

ESF #4 Coordinator

Forrest County Fire Services Coordinator

Hattiesburg Fire Chief

Petal Fire Chief

Primary Agencies

Forrest County Emergency Management
Forrest County Fire Service
Brooklyn Volunteer Fire Department
Camp Shelby Fire Department
Carnes Volunteer Fire Department
Dixie Volunteer Fire Department
Hattiesburg Fire Department
Macedonia Volunteer Fire Department
McLaurin Volunteer Fire Department
North Forrest Volunteer Fire Department
Petal Fire Department
Rawls Springs Volunteer Fire Department
Sunrise Volunteer Fire Department

Support Agencies

Forrest County Sheriff's Department
Hattiesburg Police Department
Petal Police Department

State ESF Coordinator

Mississippi State Fire Marshal's Office

State Primary Agencies

Mississippi Department of Insurance

State Support Agencies

Mississippi Forestry Commission
Mississippi State Fire Academy
Mississippi Emergency Management
Agency

Introduction

Purpose

The purpose of this Emergency Support Function is to provide Forrest County with firefighting capability able to meet the demands of a disaster situation. In addition to firefighting tasks, responsibilities in rescue, Communication and warning, damage assessment, and hazardous materials operations are addressed.

Scope

This section of the plan is to be used to respond to incidents where threatened or actual damage exceeds local response capabilities and State response is requested.

Relationship to Whole Community

This section describes how ESF#4 relates to the elements of the whole community.

Forrest County Emergency Support Function #4- Firefighting Annex

State, Territorial, Tribal and Local

Firefighting is an inherently local responsibility.

Local fire resources often receive assistance from other fire departments/agencies through established mechanisms identified in local mutual aid agreements. Further assistance can be obtained through an established intrastate mutual aid system. If additional assistance is required, firefighting resources can be requested from other jurisdictions through processes established under mutual aid agreements, state-to-state or regional compacts, or other agreements. If the governor of the affected state has declared an emergency, firefighting resources may be requested through the Emergency Management Assistance Compact (EMAC). If the President has declared an emergency or major disaster under the Stafford Act, firefighting resources may also be requested through ESF #4. Using existing authorities and agreements, ESF #4 can mobilize wildland and structure firefighting resources from across the country and from several foreign countries through the national firefighting mobilization system to incidents anywhere in the United States.

Except where specified in agreements or through a formal delegation of authority, assisting firefighting resources report to, and become part of the command structure of the requesting jurisdiction.

Coordination with and support of local, state (or equivalent) forester, state fire marshal, state emergency management agency, or other appropriate state, tribal, territorial, or area agency or tribal fire suppression organization. Responsibility for situation assessment and determination of resources needs lies primarily with the local Incident Commander.

Shortages of critical firefighting resources are adjudicated at the lowest jurisdictional level.

Many firefighting agencies provide additional functions such as emergency medical services, technical rescue, and hazardous materials response. During a Federal response, these resources may support multiple ESFs in support of different core capabilities.

Core Capabilities and Actions

ESF Roles Aligned to Core Capabilities

The following table lists the response core capabilities that ESF #4 most directly supports along with the particular ESF #4 actions related to each of these core capabilities. Though not listed in this table, all ESFs support the core capabilities of Planning, Operational Coordination and Situational Awareness.

The actions listed beside each core capability in this table apply to local, state, tribal, federal and NGOs.

Forrest County Emergency Support Function #4- Firefighting Annex

Core Capability	ESF #4 – Fire Services
Public and Private Services and Resources	• Obtains an initial fire situation and damage assessment through established intelligence procedures; determines the appropriate management response to meet the request for assistance; and obtains and distributes, through appropriate channels, incident contact information to emergency responders mobilized through ESF #4. • Analyzes and request before committing people and other resources; ensures employees will be provided with appropriate vaccinations, credentials and personal protective equipment(PPEs) to operate in the all-hazard environment to which they are assigned; and ensures that all employees involved in all-hazard response will be supported and managed by agency leaders, agency liaison of interagency incident management team. • Ensures that an all-hazard incident-specific briefing and training are accomplished prior to task implementation. This preparation will usually occur prior to mobilization where incident description, mission requirement, and known hazards are addressed. Key protective equipment and associated needs for tasks that employees do not routinely encounter or perform will be identified. • Provides command, control, and coordination resources, to include incident management teams, area command teams, and multi-agency coordination group support personnel, to local, state, tribal and territorial, area and federal agencies in support of emergency operations. • Provides staff support incident facilities, facility, property, telecommunications and transportation management.
Public and Private Services and Resources (Continued)	• Provides direct liaison with local, state, tribal, territorial, or area emergency operations centers (EOCs) and fire chiefs in the designated area, as appropriate. • Provides support to enhance the resilience of local, state, tribal, territorial, and insular area firefighting agencies.
Critical Transportation	• Provides engineering and contracting/procurement personnel and equipment to assist in emergency removal of debris, demobilization, and repair of roads and bridges. • Provides resources (personnel and equipment) necessary to clear fallen trees, brush and debris from city, county, and state roads to facilitate emergency access in disasters.
Infrastructure Systems	• Provides engineering and contracting/procurement personnel and equipment to assist in emergency removal of debris, demolition, and temporary repair of essential public facilities, water supply, and sanitation. • Provides expertise and personnel to assist with assessment of emergency services sector critical infrastructure.

Forrest County Emergency Support Function #4- Firefighting Annex

Public Health and Medical Services	• Provides appropriate personnel, equipment, and supplies, primarily for communications and aircraft for deployed local and state public health and medical teams.
Operational Communications	• Provides radio communications systems to support firefighters, law enforcement officers, and incident response operations. • Provides engineers, technicians, and liaison staff to assist Department of Homeland Security, FEMA, and the Office of Emergency Communications managers. • Provides National Interagency Radio Support systems for use by damage assessment teams and other applications. • Provides appropriate communications personnel to accompany radio systems for user training and operator maintenance indoctrination.
On-Scene Security and Protection	• May provide trained public safety, law enforcement, investigations, and security resources if appropriate authority is provided.
Mass Search and Rescue	• Provides equipment and supplies from the Interagency Cache System and use of Interagency Fire Center contract aircraft during incidents, based on standby agreements and contingency plans.
Mass Care	• Provides appropriate resources (e.g., cots, blankets, sleeping bags, personnel) for shelters.
Environmental Response/Health and Safety	• Measures, evaluates and monitors the impact of the emergency incident on National Forest Systems and Department of Interior lands. • Provide technical assistance and logistical support.

Policies

- All assistance will be administered by ESF #4, located at the Forrest County EOC, and will be coordinated directly with Forrest County Emergency Management.
- Priority is given to public and firefighter safety and protecting property, in that order.
- Coordination with all Forrest County Volunteer Fire Departments is accomplished through the County Fire Services Coordinator.
- Coordination with, and support of, county and municipal structural fire suppression organizations is accomplished through the Forrest County Fire Services Coordinator with the assistance of the Mississippi State Fire Marshall.
- Coordination with, and support of, wild land fires are accomplished by the Forrest County Fire Services Coordinator with the assistance of the Mississippi State Forester.
- Coordination with, and support of a combination of wild land and structural fires are accomplished by the Forrest County Fire Services Coordinator with the assistance of the Mississippi State Fire Marshal.

Forrest County Emergency Support Function #4- Firefighting Annex

- In all cases, State emergency management agency and other appropriate State agency and/or Tribal fire suppression organizations provide support as needed.
- All local resources will be expended or committed by local government before assistance is requested from other local governments through the State Mutual Aid Compact (SMAC) or from State government agencies.
- The Incident Command System (ICS) will be used in managing the response effort.

Concept of Operations

Assumptions

- Local fire services mutual aid agreements and other compacts will be activated as needed by the appropriate chief or on-scene officer. Note, that most fires are handled and suppressed by the local department of the affected area. However, this ESF would be activated when those resources and mutual aid agreements have been exhausted.
- All available local and private/semi-private resources will be employed to the maximum extent possible to contain and suppress both large urban fires and wildfires.
- Should the above available resources become over-taxed for whatever reason, the local jurisdiction would call Forrest County Emergency Management and request assistance from state ESF #4 resources.

General

- The responsibility of fire services in disaster situations is basically the same as in daily operations. Their primary responsibility is incident control. They are also involved on a regular basis with rescue operations, communications, hazardous materials, and support of debris clearance.
- An ESF #4 representative will report to the Forrest County Emergency Management EOC when it is fully activated during a disaster. This liaison will assist Emergency Management personnel with fire-related requests that are made by any of the local fire departments.
- All agencies with ESF #4 responsibilities will ensure that they have Standard Operating Guidelines (SOGs) in place to enable them to perform appropriate levels of incident-related mitigation, preparedness, response, and recovery.

Organization

Administration and Logistics

All participating ESF #4 agencies are expected to:

- Coordinate their support with ESF #4
- Attend and support briefings and other coordination meetings, whether at the EOC or elsewhere.

Forrest County Emergency Support Function #4- Firefighting Annex

- Maintain operational logs, messages, requests, and other appropriate documentation for future reference.
- Maintain their maps, displays, status reports, and other information not included in the ESF #5 operations.
- All agencies supporting ESF #4 will receive primary administrative support from their parent organization with additional support from Forrest County EMA as needed.
- All ESF #10 agencies which have automated financial management systems will utilize those systems to capture incurred costs of all available, acquired, and contracted resources used during the support activities related to emergency or major disaster operations. Those agencies not having access to an automated system will utilize their existing system to capture all related costs for reporting and potential reimbursement.
- All ESF #4 agencies should ensure that their financial management system, automated or otherwise, is used to capture their incurred costs during an emergency, major disaster, or exercise and must be in compliance with applicable agency, state, and federal guidelines, rules, standards, and laws. This understanding is based on the knowledge that any reimbursement of incurred costs is subject to audit

Field Units

- Field units are defined as those sites with an Incident Commander.
- Each individual fire department will be responsible for operations and are the primary responders within its respective jurisdiction.

Forrest County EOC

- Fire related resource requests out in the field will be directed to the XXXX County Emergency Management Agency. The Emergency Management Director will then direct the request to the ESF #4 liaison.
- The ESF #4 liaison, in conjunction with Forrest County Emergency Management Agency, will be responsible for coordinating the resource request to all rural emergency fire services operations during disasters.
- The Forrest County Emergency Management Agency has communications capabilities with all fire departments countywide. Emergency Management officials, along with the ESF #4 liaison, will monitor this communications system during a disaster or incident.

Actions

Preparedness

- Fire Code enforcement (only in the Cities of Hattiesburg and Petal)
- Implement public fire safety

Forrest County Emergency Support Function #4- Firefighting Annex

- information programs
- Maintenance of equipment
- Training of all ESF #4 personnel
- Development of communication standard operating procedures
- Establishment of mutual-aid agreements
- Participation in the development and implementation of emergency exercises and drills
- Development of SOPs that conform to this plan and provide greater detail on the ESF #4 operations

Pre-Incident

- Activate ESF #4 of the Forrest County CEMP
- Notify all ESF #4 personnel
- Provide an ESF #4 liaison to coordinate the County's fire suppression capabilities.
- Work with Forrest County PIO to release special weather statements, warnings, and other precautionary information intended for emergency workers and the general population planning to use public forests or other public facilities in or near the potentially affected area.
- Support and coordinate with ESF #13 (public safety) operations.

Incident

- Fire control
- Search and Rescue operations (ESF #9)
- Operation of fire warning systems (ESF #2)
- Hazardous materials control (ESF #10)
- Upon activation of ESF #4, liaison will communicate information to all other ESF #4 members
- Establish communication links
- Coordinate the distribution of resources as needed

Recovery

- Fire inspection/evaluation

Forrest County Emergency Support Function #4- Firefighting Annex

- Identify additional potential fire hazards
- Identify unsafe buildings
- Assist in the coordination of debris clearance

Post-Incident

- Prepare an after action report to identify lessons learned, issues and recommendations for resolutions to be forwarded to the Forrest County Emergency Management Director.

Responsibilities

Forrest County Fire Services Coordinator

- Coordinate all county-related fire services activities within its jurisdiction.
- Appoint an ESF #4 representative to report to the Forrest County EOC upon activation.
- Assist in the coordination of rural hazardous materials incidents (when a hazmat incident occurs in Forrest County, dispatch will contact the Forrest County Emergency Management Agency Director, who in turn will contact MEMA. The MEMA duty officer will then notify MDEQ).
- Train all ESF #4 personnel.
- Support and coordinate with all other public safety (ESF #13) operations.
- Assist local law enforcement in coordinating non-jurisdictional area search and rescue operations (ESF #9).
- Develop departmental Standard Operating Guidelines that comply with the Incident Command System (ICS).
- Coordinate the development of written mutual-aid agreements with all volunteer fire departments.
- Assist in the coordination of countywide debris clearance along unincorporated emergency routes (ESF #3).
- Assist in submitting damage assessment reports to the Forrest County EOC.
- A listing of available Forrest County fire service resources is maintained by each fire department in the county.

Forrest County Emergency Support Function #4- Firefighting Annex

Support Agencies Responsibilities

Agency	Functions
Forrest County Law Enforcement	• Secure the fire or hazardous material area • Provide communications support to the fire departments
Forrest County Emergency Management Agency	• Coordinate and allocate resources to the command post when contacted by the on-scene Incident Commander or his representative • Contact MEMA if hazardous material is involved • Coordinate requested resources and activate EOC as needed
Mississippi Emergency Management Agency	• Develop and deliver training to fire services organizations in areas such as Incident Command System, Hazardous Materials, Emergency Planning, etc. • Assist with hazard analysis to determine the potential impact of specific hazards on State and local fire suppression capabilities • Coordinate exercises at the State and local level involving fire service/emergency management organizations
Mississippi Forestry Commission	• Responsible for forest fires on state and private forest lands • Support local fire control operations in state declared emergencies • Assist with debris clearance (on state-owned lands only) • Resource support
U.S. Forest Service	• Support local fire control operations in federally declared emergencies only
Military	• Supply personnel and firefighting resources to local government when officially requested and approved through MEMA

ESF Review and Maintenance

The Forrest County Fire Services Coordinator will coordinate an annual review of this ESF. It is the responsibility of each local fire department to ensure its own operational capabilities. All fire chiefs in Forrest County (urban and rural) will, in coordination with the Fire Services Coordinator, review this ESF annually. Any recommendations for change will be submitted to the Forrest County Emergency Management Agency Director for approval, publication, and distribution.

Appendices

Appendix 1	Fire Department Resource Listing
Appendix 2	Department Resources

Forrest County Emergency Support Function #4- Firefighting Annex

Appendix 1

Fire Department Resource Listing

Fire Department	Resource Type	Number

Forrest County Emergency Support Function #4- Firefighting Annex

Appendix 2

Forrest County Volunteer Fire Department

Fire Response Area	Station Locations	Total Number of Volunteers

Forrest County Emergency Support Function #5- Emergency Management Annex

ESF #5 Coordinator

Forrest County Emergency
Management Agency

Primary Agencies

Forrest County Emergency
Management Agency

Support Agencies

Forrest County Board of Supervisors
City of Hattiesburg
City of Petal
Forrest County Sheriff's Department
Hattiesburg Police Department
Petal Police Department
USM Police Department
Forrest County VFD
Hattiesburg Fire Department
Petal Fire Department
Forrest County School District
Hattiesburg School District
Petal School District
Forrest General Hospital
AAA Ambulance Service
Merit Health Wesley
Private Utility Companies
Forrest County Department of Human
Services
The Salvation Army
South Central Chapter American Red
Cross
Damage Assessment Team Members

State Non-governmental Support Organizations

American Red Cross
Mississippi Volunteer Organizations
Active in Disasters (MSVOAD)
Radio Amateur Civil Emergency
Services
Civil Air Patrol

State ESF Coordinator

Mississippi Emergency Management
Agency

State Primary Agency

Mississippi Emergency Management
Agency

Introduction

Purpose

The purpose of this Emergency Support Function (ESF) is to collect, analyze, and share information about a potential or actual emergency or disaster in order to enhance the response and recovery activities of the local governments. Emergency Management supports overall activities for incident management and maintains the Forrest County Emergency Operations Center (EOC) in a state of readiness.

Scope

This ESF is most applicable to the local governmental departments and private and volunteer organizations that commonly report to the Forrest County EOC during an activation. These

Forrest County Emergency Support Function #5- Emergency Management Annex

agencies are found above as support agencies. This annex is applicable to all other agencies and jurisdictions in that they have a requirement to provide situation reports when their organization has been affected by an event.

ESF #5 facilitates information flow in the pre-incident phase in order to place assets on alert or to preposition assets for quick response. During the post-incident response phase, ESF #5 transitions and is responsible for support and planning functions. ESF #5 activities include those functions that are critical to support and facilitate multiagency planning and coordination for operations for large scale incidents. This includes alert and notification, staffing of the EOC, incident action planning (IAP), providing support to operations, logistics, information management, facilitation of requests for state assistance, resource acquisition and management, worker safety and health management, facilities management, financial management, and other support as required.

Relationship to Whole Community

This section describes how ESF #5 relates to other elements of the whole community. Basic concepts that apply to all members of the whole community include:

- Effective incident response activities rely on information and planning systems that provide a common operating picture to all members of the whole community engaged in a response.
- Information needs should be defined by the jurisdiction/organization. These needs are often met at the local, state, tribal, and area levels, in concert with nongovernmental organizations (NGOs) and the private sector, and primarily through preparedness organizations.
- Procedures and protocols for the release of warnings, incident notifications, public communications, and other critical information are disseminated through a defined combination of networks used by emergency operations centers. Notifications are made to the appropriate jurisdictional levels and to NGOs and the private sector through defined mechanisms specified in comprehensive emergency management plans (CEMP) and IAPs.
- Appropriate auxiliary aids and services are used to effectively communicate information, warnings, notifications, and other critical information for individuals with disabilities and others with access and functional needs.

Local, State, Tribal, and Area Governments

Local, state, tribal, and area government elements engage in incident planning and collaborate with state planning elements as part of unified response efforts.

Private Sector/Nongovernmental Organizations

The private sector and NGOs are important sources of critical incident information. Many members of the private sector and NGOs with a role in response participate in planning efforts, as well as conduct their own.

Forrest County Emergency Support Function #5- Emergency Management Annex

Core Capabilities and Actions

ESF Roles Aligned to Core Capabilities

The following table lists the Response core capabilities that ESF #5 most directly support along with the related ESF #5 actions. Though not listed in the table, all ESFs, including ESF #5 support the core capabilities of Operational Coordination. **The actions listed beside each core capability in the table apply to local, state, tribal, federal, and Non-Governmental Organizations (NGOs).**

Core Capability	ESF #5 – Emergency Management
Planning	• During an actual or potential incident, coordinates and conducts planning activities.
Situational Assessment	• Maintains situational awareness of an incident. • Provides an informational link to members of the whole community. • Serves as the centralized conduit for situation reports, geospatial data, and other decision support tools. • Provides decision relevant information regarding the nature and extent of an incident, as well as cascading effects, in support of a potential or actual coordinated state response.
Public Information and Warning	• Provides information for the development of credible, culturally appropriate, and accessible messages to inform ongoing emergency services and the public about protective measures and other life-sustaining actions and facilitate the transition to recovery.

Policies

- The Incident Command System (ICS) should be used in any size or type of disaster to manage response personnel, facilities, and equipment.
- ESF #5 is responsible for establishing the county support infrastructure in the affected area in anticipation of requirements for prevention, response, recovery, and mitigation.
- Resource allocation and tasking are coordinated through ESF #5 using the Forrest County Emergency Management Agency mission assignment process and other procedures outlined in the Forrest County CEMP Basic Plan and applicable Standard Operating Guidelines (SOGs).
- Local requests for state assistance to the Governor under Title 33-15, Mississippi Code 1972, and Annotated are coordinated through Forrest County Emergency Management Agency.
- ESF #5 serves as the centralized conduit for county situation reports (SitRep) from the various ESFs, departments and agencies participating in the incident action planning process coordinated by ESF #5.
- ESF #5 should be coordinated from the Forrest County EOC located at 4080 Hwy 11 Hattiesburg, MS 39442.

Forrest County Emergency Support Function #5- Emergency Management Annex

- The Forrest County EOC will be managed by the Forrest County EMA Director or designee.
- Departments and agencies participate in the IAP process coordinated by ESF #5.
- When activated, agencies in ESF #5 will operate under this document and the current Forrest County EOC SOG.
- ESF #5 staff supports the implementation of mutual aid agreements as per the *Statewide Mutual Aid Compact* (SMAC) agreement to ensure a seamless resource response to affected areas.
- The Forrest County EOC is responsible for notifying the county and municipal departments and agencies, as well as emergency management organizations, of potential threats to enable the elevation of operational response postures or the pre-positioning of assets.
- ESF #5 provides representatives to staff key positions in the Forrest County EOC.
- ESF #5 staff establishes required field facilities, supplies, and equipment to support local activities related to the management of incidents. These facilities include, but are not limited to the Forward Area Command, Joint Information Center (JIC), mobilization centers, and state staging areas.

Concept of Operations

Assumptions

- There will be an immediate and continuing need to collect, process, and disseminate situational information, to identify urgent response requirements during a disaster (or the threat of one) and to plan for continuing response, recovery and mitigation activities.
- Assessment of damage impacts and EOC operations may be delayed due to minimal staffing.
- Local Governments impacted the most will be given priority for assistance and support as needed and available.
- During the early stages of the event little information will be available and the information received may be vague and inaccurate. Verification of this information can delay response to inquiries.
- Reporting from local governments to the EOC will improve as the event matures.
- Reporting of information may be delayed due to damaged telecommunications infrastructure.

General

Forrest County Emergency Support Function #5- Emergency Management Annex

- ESF #5 provides trained and experienced staff to fill management positions in the Command, Operations, Planning, Logistics, and Administration/Finance Sections of the Forrest County EOC upon activation.
- The role of support agencies involved in emergency management response activities is to collect raw data in the field and provide it to their Emergency Coordinating Officer (ECO) or designated personnel of Forrest County EMA in the EOC.
- When ESFs are activated, their ECO or primary agency coordinator will assign a liaison to work with ESF #5.
- ESF #5 provides ESF #15 timely and accurate information to distribute to the media, public officials, and the general public.

Organization

The Forrest County EOC is organized under the basic concepts of the National Incident Management System (NIMS), the Incident Command System (ICS) and consists of several functional areas: Operations, Public Information, Liaison, Planning, Logistics, and Finance/Administration. Under the NIMS/ICS structure areas of command have room to expand and contract as needed.

Local governments have the responsibility to provide support consistent with the ESFs which support the ICS structure.

Administrative and Logistical support

All participating ESF # 5 agencies are expected to:

- Provide representation to the Forrest County EOC ESF #5 section in order to maintain continuity for information and planning throughout all the ESFs that are participating in the event.
- Coordinate their support with ESF #5.
- Maintain operational logs, employee time logs, messages, requests for action or purchase, and other appropriate documentation which will be maintained for future reference.
- Attend and support briefings and other coordination meetings, whether at the EOC or elsewhere.
- Maintain their maps, displays, status reports, and other information not included in the ESF #5 operations.
- All agencies supporting ESF #5 will receive primary administrative support from their parent organization with additional support from Forrest County EMA as needed.
- All ESF #5 agencies which have automated financial management systems will utilize those systems to capture incurred costs of all available, acquired, and contracted resources used

Forrest County Emergency Support Function #5- Emergency Management Annex

during the support activities related to emergency or disaster operations. Those agencies not having access to an automated system will utilize their existing system to capture all related costs for reporting and potential reimbursement.

- All ESF #5 agencies should ensure that their financial management system, automated or otherwise, is used to capture their incurred costs during an emergency, major disaster, or exercise and must be in compliance with applicable agency, state, and federal guidelines, rules, standards, and laws. This understanding is based on the knowledge that any reimbursement of incurred costs is subject to audit.

Actions

Preparedness

- Prepare standardized reporting formats and forms, and establish reporting procedures/guidelines to include development of display boards.
- Maintain the Forrest County CEMP and the emergency management program of the county.
- Annually review plans and make necessary corrections, changes and additions.
- Advise and assist other agencies and local governments in the development of emergency or disaster plans and programs in compliance with applicable County, State, or Federal laws, rules, regulations, and executive orders.
- Coordinate emergency and disaster related training and orientation to county and local officials to meet the NIMS/ICS requirements and to familiarize them with emergency or disaster related responsibilities, operational concepts, and procedures/guidelines.
- Establish and maintain an awareness campaign to disseminate information to the public and the news media regarding personal safety or survival, emergency response actions, and details of disaster assistance programs. After an emergency or major disaster declaration, local information programs should be coordinated with those of state or federal government.
- Establish and maintain a county wide capability to provide warning to the public through available warning systems such as radio/television, sirens, and telephone notification systems.
- Make available emergency preparedness information and presentations to the public.

Pre-Incident

- Develop an SOG and checklist for ESF #5 in conjunction with supporting agencies.
- Establish contacts with local supporting agencies and local government officials who will be providing information.
- Where there is a credible threat, Forrest County EMA will take several actions including, but not limited to, activating the EOC at the appropriate level and pre-positioning strategic assets.

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ESF #5 will monitor the situation and notify local and state entities as appropriate.

Incident

- Activate the Forrest County EOC as required. Actions include alert, notification, and situation reporting. Once activated, ESF #5 is operational at the EOC on a determined operational period based on the incident.
- Maintain constant communications with the State Emergency Operations Center (SEOC) to coordinate the joint local and state operations.
- Establish contacts with the local government officials to coordinate the use of resources.
- Develop the IAP for each operational period.
- Analyze resource requirements based on information received.
- Provide needed resources when requested.
- Collect, process, and distribute all related information including county situation reports to the SEOC.
- Coordinate with ESF #2 and ESF #15 to identify alternate means of getting information to all local officials and agencies to ensure channels of communication remain open.

Recovery

- Continue to gather information to prepare and distribute situation reports (SitReps), as needed.
- Review PIO statements for accuracy.
- Create and coordinate a Recovery Task Force from local representatives to assist with recovery phase operations.
- Coordinate Public and Individual Assistance programs with state and federal government as needed.
- Coordinate and conduct a post-disaster situation analysis, also known as an after action review (AAR), to review and determine the effectiveness of the pre-established tasks, responsibilities, reporting procedures/guidelines and formats to document any crucial lessons learned and to make revisions to plans as needed for future events.
- Procure all available documentation of event for archiving.

Post-Incident

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- Conduct mitigation activities which include but are not limited to surveys, mapping, prevention, property protection, public education and awareness, natural resource protection, emergency services or structural projects.

Responsibilities

Forrest County Emergency Management Agency

- Initiates actions to identify, staff, and operate the EOC.
- Maintains the Forrest County CEMP and associated plans.
- Attends Local Emergency Planning Committee (LEPC) meetings.
- Coordinate Public and Individual Assistance programs with state, and federal government as needed.
- Develops procedures/guidelines on how to coordinate ESF #5 related needs.
- Ensures that personnel receive training in order to carry out their responsibilities.
- Works with support agencies to develop and maintain a working relationship and procedures/guidelines to activate needed support activities.
- Provide ongoing status reports as requested.
- Assist in identifying personnel and resources to support this Annex.
- Work with all Supporting organizations to keep this Annex up-to-date.

Support Agencies' Responsibilities

Agency	Functions
American Red Cross	• Support the development of an SOP in conjunction with primary and supporting agencies. • Maintain and report on shelter status and human needs. • Recognize the state's ethnic and cultural diversity and consider the consequences of impact on delivery of goods and services to the affected population. • Support action plan and development.
Mississippi Volunteer Organizations Active in Disasters (MSVOAD)	• Support the development of SOPs in conjunction with the primary and secondary agencies. • Provide disaster information on Mississippi Volunteer Organizations Active in Disasters (MSVOAD) operations for situation reporting. • Support action plan and development.

Forrest County Emergency Support Function #5- Emergency Management Annex

Forrest County Department of Human Services	• Support the development of an SOP in conjunction with primary and support agencies. • Supply information on ESF #6 human needs issues. • Maintain and report information on shelter availability and support action plan and development.
Radio Amateur Civil Emergency Services (RACES)	• Support the development of SOPs in conjunction with the primary and supporting agencies. • Provide information on status of communications throughout the state. • Provide or supplement communication during emergencies at the Forrest County EOC. • Support state and local communications operations requirements as specified in the RACES Plan and accompanying procedures.
Civil Air Patrol	• Support the development of an SOP in conjunction with primary and supporting agencies. • Provide information based on pre-and post-disaster aerial reconnaissance and photography. • Provide personnel for analysis in emergency action planning.
All Support Agencies	• Work with the primary agency to develop and maintain a workable emergency management function. • Develops and maintains their own SOP/SOGs for response to requests for support. • Attend Local Emergency Planning Committee (LEPC) meetings. • Participate in the post-disaster situation analysis to review and determine the effectiveness of the pre-established tasks, responsibilities, reporting procedures/guidelines and formats to document any crucial lessons-learned. • Assist in identifying personnel and resources to support this Annex. • Work with Forrest County EMA to keep this Annex up-to-date.

ESF Review and Maintenance

Forrest County Emergency Management Agency will coordinate an annual revision of this ESF with all supporting agencies. Unscheduled reviews may be conducted based on incident experience or changing laws and regulations. Recommendations will be submitted to the Forrest County Emergency Management Agency as needed for approval, publication, and distribution.

Forrest County Emergency Support Function #6- Mass Care, Emergency Assistance, Housing, and Human Services Annex

ESF #6 Coordinator

Forrest County Department of Human Services

Primary Agencies

Forrest County Emergency Management
Southeast MS Chapter, Mississippi Region,
American Red Cross
Forrest County Department of Human Services
Salvation Army

Support Agencies

Forrest County Emergency Management
Forrest County Health Department
Forrest County & Municipal Law Enforcement
Forrest County & Municipal School Districts
Forrest County & Municipal Public Works
Military Support

State ESF #6 Coordinator

Mississippi Department of Human Services

State Primary Agencies

Mississippi Department of Human Services
Mississippi Division of Medicaid
Mississippi Department of Health
Mississippi Emergency Management Agency
Mississippi Department of Education
Mississippi State Board for Community and Junior Colleges
Mississippi Institutions of Higher Learning

State Non-governmental Organizations:

American Red Cross
Salvation Army
Amateur Radio Stations

Introduction

Purpose

The purpose of this ESF is to coordinate activities involved with the emergency provision of temporary shelters and emergency mass feeding that will be conducted in Forrest County during an incident or disaster requiring such activity.

Scope

Should a disaster overwhelm Forrest County's mass care capabilities, the state ESF #6 of the Mississippi Comprehensive Emergency Management Plan would be activated with the Mississippi Department of Human Services being the primary coordinator. In the event that Federal ESF #6 mobilization is required, then the Department of Homeland Security/Emergency Preparedness and Response/Federal Emergency Management Agency would be the lead agency.

Relationship to Whole Community

This section describes how ESF #6 relates to other elements of the whole community.

A basic premise of emergency management is that disaster response begins and ends at the community level. This is particularly true for the functions of ESF #6, as many disasters occur with little or no warning, thereby, requiring that life-sustaining services be provided quickly to prevent additional suffering and loss of life. ESF #6 partner agencies and organizations rely on the whole community to meet the needs of disaster survivors.

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Key elements of the whole community include individuals with disabilities and others with access and functional needs 1) whose needs must be considered well in advance when preparing for disasters and emergencies and 2) who are important partners to support the delivery of core capabilities during incident response (e.g., through associations and alliances that serve these populations). People with disabilities and others with access and functional needs include individuals who are from diverse cultures, races, and nations of origin; individuals who do not read, have limited English proficiency, or are non-English speaking; people who have physical, sensory, behavioral, mental health, intellectual, developmental and cognitive disabilities; senior citizens with and without disabilities or other access and functional needs; children with and without economically or transportation disadvantaged; women who are pregnant; individuals who have chronic medical conditions; and those with pharmacological dependency.

Community disaster and emergency plans should include provisions for individuals who own household pets or have responsibility for service and other animals. Planning factors should include resources and processes for the rescue, transportation, care, shelter, and essential needs of animals.

The whole community also includes local, state, tribal, area and federal governments; nongovernmental organizations (NGOs), including voluntary, faith-based, community-based, and other nonprofit organizations in the civic/nonprofit sector; academia; the private sector; individuals; and communities. Partners from all elements of the whole community work together to address shortfalls, and help to ensure that the life-sustaining needs of disaster survivors are met.

Local, State, Tribal, and Area Governments

Local, tribal, and area governments are responsible for the welfare of those who reside in their jurisdictions. Forrest County designates one or more official(s) to coordinate with State ESF #6 during incidents requiring a coordinated response.

At the local level, government agencies, NGOs, and the private sector coordinate ESF #6 activities to meet the immediate needs of disaster survivors. When the impact of the incident exceeds local resources, the state may provide additional support. Resources from state-level NGOs and the private sector may augment local response capabilities.

Local, state, tribal, and area governments have obligations under civil rights laws to ensure equal opportunity for individuals with disabilities and others with access and functional needs when providing mass care services.¹

Individuals/Households

Disaster response begins with individuals and households executing their disaster plans, which should include having sufficient food and water on hand, a plan for communication, pre-identified shelter locations, pre-identified evacuation routes, and a “Go Kit” that includes important documents, lists of medications, household pet or service animal vaccination records, and photo identification for all members of the household. Individuals with disabilities or others with access

¹ See FEMA’s Guidance on Planning for Integration of Functional Needs Support Services in General Population Shelters and Chapter 7 of the Department of Justice’s Americans with Disabilities Act Best Practices Tool Kit for State and Local Governments for more information.

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and functional needs implement their plan for accessible transportation and/or support resources, including service animals. Households with animals activate their plan for the evacuation, transportation, sheltering, and care of their animals.

Private Sector/Nongovernmental Organizations

This ESF #6 Annex uses the term NGO to refer to voluntary, faith-based, community-based, and other nongovernmental organizations in the civic/nonprofit sector.

NGOs, together with academia and the private sector, are integral elements of the whole community response, coordinating with local, state, tribal, area, and/or federal partners to provide ESF #6 resources, programs, and services to affected individuals/households and communities. These partners collaborate to resolve the disaster-related unmet needs of affected individuals and communities.

NGOs and the private sector also provide operational information to local, tribal, area, and State ESF #6 or equivalent points of contact. This information allows ESF #6 planners to identify actual or potential shortfalls and/or excesses and adjust services to the needs of the community.

Core Capabilities and Actions

ESF Roles Aligned to Core Capabilities

The following table focuses on the response core capabilities that ESF #6 most directly supports, including the related ESF #6 actions. Though not listed in the table, all ESFs, including ESF #6, support the core capabilities of Planning, Operational Coordination and Public Information's and Warning. **The actions listed beside each core capability in this table apply to local, state, tribal, federal and NGOs.**

Core Capability	ESF #6- Mass Care, Emergency Assistance, Housing and Human Services
Mass Care Services	• Supports local, tribal, and area governments and NGOs in the coordination and provision of mass care, emergency assistance, temporary housing, and human services resources, programs, and services. • Provides life-sustaining services to the affected population, including hydration, feeding, and sheltering, as well as support for reunifying families. • Supports the establishment, management, and operation of congregate and non-congregate care facilities. • Coordinates with local, tribal and area governments and NGOs to facilitate the return of evacuees to their pre-disaster or alternate locations. • Develops an initial temporary housing strategy to transition survivors from congregate to non-congregate care alternatives and provides relocation assistance or interim housing solutions for households unable to return to their pre-disaster residence. • Anticipates and identifies current and future ESF #6 requirements in coordination with local and state government, NGOs, and private sector partners. • Activates ESF #6 data systems such as shelter locations, number of

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occupants, POD locations, etc.

- Acquires, transports, and delivers ESF #6 resources and services to meet the needs of disaster survivors, including children and individuals with disabilities and others with access and functional needs.
- Provides general care for separated/unaccompanied minors until they are placed in the care of appropriate authorities.
- Supports nontraditional congregate care facilities.
- Provides technical assistance for the development of local, state, tribal, NGO, and private sector operational plans for mass care, emergency assistance, temporary housing, and human services.

Mass Care

- **Sheltering:** Provides life-sustaining services in congregate facilities that provide a safe, sanitary, and secure environment for individuals and households displaced by disasters. Also includes support to survivors sheltering in place and in ESF #8 medical shelters.
- **Feeding:** Provides feeding services at fixed sites and distribution sites and through mobile feeding units. Feeding services may include hot or shelf-stable meals, infant formula, baby food, snacks, beverages, and food packages, as well as diverse dietary meals (e.g., low sodium, low fat, vegetarian/vegan, and halal, kosher). ESF #6 works in concert with ESF #11 and local, state, and tribal governments; NGOs; and the private sector to acquire, prepare, cook and/or distribute food and food supplies. Additional support may include the provision of technical assistance for the development of state feeding plans.
- **Distribution of Emergency Supplies:** Acquires and delivers life-sustaining resources, hygiene items, and clean-up items to meet the urgent needs of disaster survivors. Additional support includes transportation, warehousing, equipment, technical assistance, and other mission-critical services.
- **Reunification:** Provides facilitated assistance for children separated from their parent(s)/legal guardian(s), as well as adults from their families, due to disaster. Supports reunification efforts at the local, state, and/or tribal levels with technical assistance.

Emergency Assistance

- ESF #6 coordinates resources and emergency assistance in support of local, state, tribal governments, NGOs, and the private sector.
- **Voluntary Agency Coordination:** Facilitates the coordination of NGOs, places of worship, and the private sector to ensure that capabilities, resources, and services are integrated into local, state and tribal response.
- **Volunteer and Donation Management:** Coordinates unaffiliated volunteers, unaffiliated organizations, and unsolicited donated goods to support all ESFs.
- **Essential Community Relief Services:** Coordinates and delivers debris removal from disaster survivor residences; sandbagging; mud-out; tear-out; chainsaw work; warehouse management; transportation and

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distribution coordination; childcare services; emotional and spiritual care and counseling; financial assistance; financial counseling; disaster-related case work and case management; and other essential services.

- **Mass Evacuation:** Supports affected and host jurisdiction mass evacuation activities, including provision of mass care services and tracking the movement of evacuees, their household pets, service animals, and medical equipment. Deploys resources to support affected and host jurisdiction evacuation operations to include mass evacuation tracking system kits and staff to provide technical assistance. In coordination with ESF #8, provides mass care services to medical patient evacuees. (Note: Evacuees who have chronic medical conditions may be evacuated with the general population. For evacuation of patients, refer to ESF #8.)
- **Disability and Other Access and Functional Needs Support:** Coordinates and provides equipment, supplies, and services required to assist children and adults with disabilities and others with access and functional needs to maintain their independence.
- **Household Pets and Service Animals:** In cooperation with ESF #11, coordinates and provides rescue, transportation, shelter, reunification, care, and essential needs of household pets and service animals during response operations to ensure their safety and well-being. Service animals are not pets and may not be separated from the individual with a disability or other access and functional need; service animals should be permitted anywhere the public goes.
- **Nonconventional/Transitional Sheltering:** Provides resources and technical assistance in support of local, state, tribal, affected and host area governments and NGOs when traditional sheltering is not available or feasible or when the impact of the disaster is of such magnitude that extended shelter operations are required.

Temporary Housing (highlighted items refer to federal capabilities)

- **Temporary Roof Repair:** Quick repairs to damaged roofs on private homes that allow residents to return to and remain in their own homes while making permanent repairs.
- **Repair Program:** Provides financial assistance to homeowners or landlords for the repair of their primary residence, utilities, and residential infrastructure.
- **Replacement Program:** Provides financial assistance to homeowners to assist with the replacement of their destroyed primary residence.
- **Housing Resource Databases:** Identifies housing resources from the private sector and other local agencies available to disaster survivors, including physically accessible housing options.
- **Rental Assistance:** Provides financial assistance to eligible disaster survivors for the rental of a housing resource.
- **Transportation to Other Locations:** Assists individuals and families relocating outside of the disaster area to locations where short- or long-term housing resources are available. Transportation services may also include returning survivors to their pre-disaster location.
- **Direct Financial Housing:** Makes payments directly to landlords for a

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	rental resource on behalf of disaster survivors. • Hotel/Motel Program: Provides temporary accommodations for eligible displaced survivors unable to return to their pre-disaster primary residence. • Direct Housing Operations: Provides temporary housing units to survivors when other housing resources are not available. Units provided are appropriate to the needs of the community and include units accessible to those with disabilities and others with access and functional needs. • Mortgage Relief: Issues moratoriums on foreclosures of federally insured loans. Loan servicers provide special forbearances, loan modifications, refinancing, and waivers of late charges. Human Services (highlighted items refer to federal capabilities) • Human Services provides assistance to address the non-housing needs of individuals and families. • Crisis Counseling: Provides crisis counseling, mental health services and other similar immediate, short-term psychological assistance to disaster survivors. • Disaster Case Management: Assists eligible survivors with developing and carrying out a disaster recovery plan. Streamlines assistance, prevents duplication of benefits, and provides an efficient referral system. • Legal Services: Provides low-income survivors with free legal advice. • Unmet Needs: Helps disaster survivors with medical, dental, funeral, personal property, transportation, moving/storage, and other expenses. • Supplemental Nutrition Assistance: Provides eligible households with supplemental nutrition assistance through established programs when income is lost due to a declared disaster. • Tax Relief: State, territorial, and Federal governments provide reimbursement or tax relief to survivors with substantial verified disaster-caused losses. • Unemployment Assistance: Provides survivors who have lost their jobs due to a disaster with unemployment benefits.
Public and Private Services and Resources	• Assesses the need for and coordinates the provision of life-sustaining ESF #6 services, resources, and supplies from government agencies, NGOs, and the private sector. • Gathers, assesses, prioritizes, coordinates, and communicates resource requirements. • Provides subject matter expertise to identify resource requirements to meet the life-sustaining needs of disaster survivors and their household pets and service animals. • Gathers, assesses, prioritizes, and communicates relevant information. • Communicates plans, requirements and strategies to core capability providers. • Acquires and manages resources, supplies, and services from core capability providers via contracts, mission assignments, inter-agency agreements, and donations.

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Public Health and Medical Services	• Identifies and communicates requirements for life-saving and life-sustaining needs of disaster survivors and household pets and service animals. • Coordinates with core capability service providers to ensure that ESF #6 service delivery locations are appropriately provisioned and operated in a safe, sanitary, secure, and timely manner. • Gathers, assesses, prioritizes, coordinates, and communicates public health and medical requirements of survivors and their household pets and service animals in congregate care facilities to core capability • Gathers, assesses, prioritizes, and communicates relevant public health and medical needs information to survivors in facilities where mass care services are provided. • Communicates plans, requirements, and strategies to core capability service providers. • Acquires and manages resources, supplies, and services from core capability service providers via contracts, mission assignments, interagency agreements, and donations.
Critical Transportation	• Supports the collection, analysis, dissemination, and reporting of transportation infrastructure damage from ESF #6 service delivery sites. • Identifies, requests, and acquires transportation resources for the delivery of life-sustaining supplies and services to the affected area(s). • Identifies and provides critical transportation for survivors with disabilities and others with access and functional needs. • Supports mobilization and implementation of mechanisms to track the movement of evacuees, resources, and household pets, individuals with disabilities or other access and functional needs with their service animals, medical equipment, and luggage. • Provides mass care support to survivors at embarkation, debarkation, and reception centers; evacuation transportation hubs; and post-decontamination areas to make sure that basic needs are met, including hydration, feeding, tracking, medical needs, and information. • Provides resources, subject matter expertise, and coordination with other State components and ESF #6 partners to support mass evacuation activities and ensure the safe evacuation of household pets and service animals. (Note: Evacuees who have chronic medical conditions may be evacuated with the general population. For evacuation of patients, refer to ESF #8.) • Provides resources for the care of survivors evacuating from the affected area. • Communicates plans, requirements, and strategies to core capability service providers. • Acquires and manages resources, supplies, and services from core capability service providers via contracts, mission assignments, interagency agreements, and donations.
Fatality Management	• Provides mechanisms to support notification/transportation of family members to make appropriate arrangements for deceased relatives. • Provides support and funding for crisis counseling services to the

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Services	• bereaved, as well as for local, state, tribal, and area crisis counseling programs. • Provides transportation and mass care services for survivors reuniting with deceased family members. • Communicates plans, requirements, and strategies to core capability service providers. • Acquires and manages resources, supplies, and services from core capability service providers via contracts, mission assignments, interagency agreements, and donations.
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Policies

ESF #6 policies apply to Local and State departments and agencies and the American Red Cross for activities relating to potential or actual States of Emergency declared by the Board of Supervisors Governor. Underlying policies include the following:

- ESF #6 support may vary depending on an assessment of incident impact, the magnitude and type of event, and the stage of the response and recovery efforts.
- ESF #6 supports mass care activities and provides services without regard to economic status or racial, religious, political, ethnic, or other affiliation.
- ESF #6 support and services provided will be in accordance with existing Federal, State and Local statutes, rules, and regulations.
- Personnel will be assigned to support ESF #6 functions in accordance with the rules and regulations of their respective parent agencies.
- ESF #6 will coordinate with ESFs #1, # 3 # 5, and #14 regarding recovery and mitigation assistance, as appropriate.
- ESF #6 will reduce duplication of effort and benefits to the greatest extent possible. This includes streamlining assistance as appropriate and identifying recovery and mitigation measures to support municipal planning efforts.

Concept of Operations

Assumptions

- The local government has the primary responsibility of sheltering citizens.
- The local government will first call trained voluntary agencies for mass care services. Red Cross approved shelter sites, (ARC 44-96) guidelines for hurricane shelters, will be considered as a first step to identifying shelters. If the local government becomes overwhelmed, state services are requested.
- The Forrest County Department of Human Services (DHS) will act in conjunction with Red Cross to carry out all duties in meeting victims' needs. This includes supporting Red Cross in

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the operation of shelters/temporary housing, emergency human needs, and limited health and medical needs (ESF #8).

General

- The Forrest County Emergency Management Director, along with local officials, has the responsibility and authority to open shelters.
- Upon notification by Emergency Management of a potential or actual event requiring response, all designated ESF #6 liaisons will report to the Forrest County EOC. Direct coordination of mass care activities will take place at this location.
- ESF #6 will manage and coordinate mass care assignments from the Forrest County Emergency Operations Center (EOC) when activated.
- When necessary, the American Red Cross and Salvation Army, with the support of the Forrest County Department of Human Services, will carry out all duties in meeting disaster survivors' needs.
- Shelter and feeding managers will be appointed to each shelter and will be responsible for the operation of their individual task/shelter.

Mass Care

General Population Shelters

- When an event gives prior warning, public shelters will be opened and stocked. Those persons not using public shelters will take refuge in their homes, evacuate, or use other private shelter areas.
- Shelters might be used during floods, hazardous materials accidents, fires, hurricanes, tornadoes, earthquakes etc.
- Flood shelter utilization considers elevation criteria, surrounding topography, and structural integrity. Hazardous materials shelters consider the location of the hazard, wind direction, and duration of the hazard.
- Shelters have been pre-identified in Forrest County utilizing the above consideration criteria. Various Public Schools are also available as additional shelters. (An official list can be found in WebEOC© and Appendix 1).
- All citizens who choose to locate at these temporary emergency public shelters will require food, water, the possible provision of emergency first aid, and a wide variety of other mass care services.
- The use of shelters will substantially reduce the number of casualties resulting from a disaster situation.

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- Shelters will also be opened following a disaster because of destroyed or uninhabitable homes (i.e. tornado or flood), and may need to remain open for periods of time to house emergency clean-up personnel.
- In a major disaster requiring shelters to be opened and staffed, ESF #6 liaisons assigned to the Emergency Operations Center will keep essential records and charts of shelter status. (This will be a representative from the Red Cross and/or Department of Human Services). This person will keep the Forrest County Emergency Management Director fully informed on shelter status at all times throughout the emergency.

Medical Functional Needs Shelters

- Some residents of the shelters will have special medical or functional needs and will need to have a caregiver accompany them to a shelter. The American Red Cross and the Department of Human Services **will not** be responsible for nor will be able to take care of these persons.
- The Mississippi Department of Health (MSDH) has lead responsibility for identifying staffing resources needed at Regional and State Medical Functional Needs Shelters in conjunction with the Mississippi Department of Rehabilitation Services and Mississippi Division of Medicaid.
- MSDH shall work in conjunction with the State Board of Community and Junior Colleges to pre-identify locations to be used as Functional Needs Shelters.
- Additional guidance and information for Medical Functional Needs Sheltering can be found in ESF #8 of the State CEMP.
- Requests for Medical Functional Needs Shelters should be forwarded through the Forrest County Emergency Management Director to MEMA.

Pet and Animal Shelters

- The Mississippi Board of Animal Health (MBAH) serves as the lead agency for sheltering requirements for pet and animal shelters during an incident.
- MBAH will identify pre-designated locations for use as pet and animal shelters or pet-friendly shelters.
- Additional guidance and information for Pet and Animal Sheltering can be found in ESF #11 of the State CEMP.

Opening Shelters

- Shelters would be required in two major emergency situations: (1) A local emergency situation, when residents of Forrest County would require sheltering within the County, or (2) a surrounding area emergency requiring evacuation, when residents of surrounding Counties would require sheltering in Forrest County.
- Local government will open shelters in coordination with the State. MEMA, in conjunction with the MDHS, will have overall management of shelters for the State.

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- Forrest County Emergency Management Officials will notify Red Cross, Forrest County Department of Human Services, and all Mass Care support agencies of ESF #6 activation. Emergency Management will request the opening of pertinent general population shelters.
- Ensure adequate communications link between shelters and the EOC is provided.

Shelter Resources

- A list of Forrest County shelters can be found in this ESF #6 Annex, WebEOC© and Appendix 1.
- Shelter kits containing appropriate forms, handbooks, and identification have been prepared and are maintained by Red Cross.
- Red Cross also provides cots, communication equipment and other items necessary to shelter support.

Mass Feeding/Procurement of Food Resources

- Feeding in the Mass Care facilities will be the responsibility of the American Red Cross and the Salvation Army with support from the County Agent's Office, and the Department of Human Services.
- The shelters with designated kitchen facilities will be considered as sites for mass feeding (See Appendix 1).

Organization

Administrative and Logistical Support

All participating ESF #6 agencies are expected to:

- Coordinate their support with ESF #6.
- Attend and support briefings and other coordination meetings, whether at the EOC or elsewhere.
- Maintain operational logs, messages, requests, and other appropriate documentation for future reference.
- Maintain their maps, displays, status reports, and other information not included in the ESF #5 operations.
- All agencies supporting ESF #6 will receive primary administrative support from their parent organization with additional support from Forrest County EMA as needed.
- All ESF #6 agencies which have automated financial management systems will utilize those systems to capture incurred costs of all available, acquired, and contracted resources used during the support activities related to emergency or major disaster operations. Those agencies

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not having access to an automated system will utilize their existing system to capture all related costs for reporting and potential reimbursement.

- All ESF #6 agencies should ensure that their financial management system, automated or otherwise, is used to capture their incurred costs during an emergency, major disaster, or exercise and must be in compliance with applicable agency, state, and federal guidelines, rules, standards, and laws. This understanding is based on the knowledge that any reimbursement of incurred costs is subject to audit.

Actions

Preparedness

- Southeast Mississippi Chapter, Mississippi Region of the American Red Cross, with support from Salvation Army and the Forrest County Department of Human Services oversees development of Standard Operating Procedures (SOPs) and checklists in conjunction with other primary and supporting agencies for this ESF.
- Identification of suitable shelters for various hazards.
- Obtaining cooperation of building owners for use of shelter space.
- Training of shelter managers and volunteers.
- Preparation of shelter management kits.
- Stockpiling of certain shelter supplies.
- Public education regarding shelters.
- Developing and maintaining District School Crisis Management Manuals.

Pre-Incident

- Notification of all Emergency Services.
- Develop and coordinate shelter operations with special emphasis on lessening the risks of special needs "At Risk" populations.
- Public information activities.
- Shelters will be stocked with appropriate supplies immediately prior to their activation. Necessary supplies will be obtained by shelter staff.

Incident

- Open and staff shelters as needed.
- Distribute shelter kits and supplies.

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- Complete shelter stocking.
- Advise the ESF #6 liaison to the EOC when shelter occupancy has reached full capacity (80 % of maximum capacity) space has been approached to allow for coordination to open additional shelters.
- Expand and identify shelter sites outside of those pre-determined by other sources.
- Maintain communications between shelters and the EOC.

Recovery

- Keep shelters operational until emergency is manageable.
- Deactivate unnecessary shelters.
- As shelter and feeding operations are beginning to be phased out, relay or provide information regarding re-entry to point(s) of origin to all active shelter locations for dissemination to evacuees.
- Re-entry information, affecting evacuees from other counties/states sheltering in Forrest County, will be obtained from the State Emergency Operations Center and disseminated by Forrest County ESF #6 personnel to the appropriate shelter locations.
- Forrest County ESF #6, with the affected County Government, will assist in re-entry decisions. Evacuees cannot be detained from leaving shelter if they desire. However, they may be detained from re-entering a disaster area if officially deemed unsafe.

Post-Incident

- Facilitate movement to temporary housing.
- Coordinate cleanup and restoration of facilities used for shelters.
- The Mass Care lead prepares an after-action report for closeout to the Forrest County Emergency Management Director. The after-action report identifies key problems, indicates how they are to be/were resolved, and makes recommendations for improving response operations. ESF #6 organizations assist in preparation of the after-action report.

Responsibilities

Southeast Mississippi Chapter, Mississippi Region, American Red Cross

- Send a designated representative to the Forrest County EOC for shelter coordination.
- Designate and train shelter managers and volunteers for all Forrest County shelters.
- Maintain and keep current a contact list of shelter managers with a day and night phone number.

Forrest County Emergency Support Function #6- Mass Care, Emergency Assistance, Housing, and Human Services Annex

- At the Emergency Manager's request, operate general population shelters with Red Cross agreements.
- Establish shelter communications with the EOC.
- Provide shelter management kits and shelter registration forms.
- Coordinate all sheltering activities with the American Red Cross National Headquarters and the Mississippi Department of Human Services state office.
- Close and phase out shelter operations.
- Responsible for feeding operations in coordination with Salvation Army.
- Develop and maintain a thorough and current mass care SOP.

Salvation Army

- Provide mass feeding operations in coordination with Red Cross.
- Assist the Red Cross and Forrest County Human Services with other shelter operations.

Department of Human Services

- Support and coordinate with the American Red Cross and the Forrest County Emergency Management Director in shelter identification.
- Maintain communications with the Emergency Operations Center.
- Support Red Cross with shelter operations, specifically registration and monitoring for unmet needs and critical issues.
- Coordinate with Red Cross and all support agencies to review and update/revise this ESF #6 Annex annually and submit to the Forest County Emergency Management Director, for approval and publication.
- Develop and maintain a thorough and current mass care SOP.

Note: Human Services personnel will be trained by Red Cross officials in shelter fundamentals and management.

Forrest County Emergency Support Function #6- Mass Care, Emergency Assistance, Housing, and Human Services Annex

Support Agencies Responsibilities

Agency	Functions
Forrest County Emergency Management Agency	• Develop a complete county shelter and feeding program in conjunction with the American Red Cross, Salvation Army with support from the Forrest County Department of Human Services. • Responsible for initiating shelter openings. • Responsible for shelter surveys and the proper making of shelters. • Provide public information and education on sheltering. • Activation and deactivation of shelters as needed. • Assist in locating communications capabilities to shelters.
Forrest County Health Department	• Coordinate/consult with the primary agency/shelter managers regarding Public Health issues of sanitation and epidemiology in shelters. • Provide to the extent practicable under emergency conditions, an environment in which the current level of health of the evacuees with special needs can be sustained.
Forrest County SO Hattiesburg PD Petal PD	• Provide security and law enforcement for shelters. • Provide alternate communications for shelter operations using port-mobile and vehicle units. • Provide traffic control to and around shelters. • Provide vehicle security in shelter parking lots and staging areas.
Forrest County School District Police Hattiesburg School District Police Petal School District Police	• Assist in providing security for shelters located in District Schools. • Provide traffic control to and around shelters located on school district property. • Provide vehicle security in school shelter parking lots.
Forrest County Road Depart. Hattiesburg Public Works Petal Public Works	• Maintain power, water supplies, and sanitary facilities at shelter sites during an emergency.
Mississippi National Guard	• Assist with security at shelters as needed. • Coordination of shelter usage on military property.* *Note: This should be used only as shelters of last resort.

Forrest County Emergency Support Function #6- Mass Care, Emergency Assistance, Housing, and Human Services Annex

Agency	Functions
Forrest County Amateur Radio Operators	• Provide communications for shelter operators.
Engineering and Code Administration / Forrest County Engineer	• Inspect structural capabilities of buildings designated as shelters.

ESF #6 Review and Maintenance

Southeast Mississippi Chapter, Mississippi Region of the American Red Cross and Salvation Army, in conjunction with Forrest County Human Services, will coordinate an annual review of this ESF #6 annex with all support agencies. Additional review and changes may be made based on implementation experience or because of changes in laws, regulations, etc. Recommendations for changes will be submitted to Forrest County Emergency Management for approval, publication, and distribution.

Appendices

- Appendix 1** Forrest County Shelter List
- Appendix 2** Reception and Care Organizational Structure
- Appendix 3** Mississippi 361 Safe Room Map
- Appendix 4** WebEOC List of Shelters
- Appendix 5** MDHS Regional Map Division of Field Operations
- Appendix 6** American Red Cross, Mississippi Region

**Forrest County Emergency Support Function #6- Mass Care, Emergency
Assistance, Housing, and Human Services Annex**

Appendix 1

List of County Shelters

Facility	Address	City	Facility Point of Contact	Phone	Pre-Incident Capacity (20 sq ft/person)	Post- Incident Capacity (20 sq ft/person)
Forrest County 361 Shelter	946 Sullivan Drive	Hattiesburg	Glen Moore	601.544.5911	344	344

Forrest County Emergency Support Function #6- Mass Care, Emergency Assistance, Housing, and Human Services Annex

Appendix 2

Reception and Care Organizational Structure

I. Purpose

This appendix will establish an organization and procedures to provide for the temporary reception and care of people displaced or evacuated from their residence because of an emergency or disaster situation.

II. Situation and Assumptions

A. Situation

1. Localized temporary evacuation within Forrest County is possible because of the various hazards that could confront the population, thus requiring the implementation of Reception and Care operations and the use of public shelters. These hazards include flooding, hazardous materials incidents, etc.
2. Facilities are available in Forrest County and its municipalities to temporarily shelter and feed those persons evacuated or displaced by an emergency or disaster.
3. Outside assistance is available from both private and governmental sources.

B. Assumptions

1. Affected persons will respond as directed by local government officials.
2. A percentage of the evacuees will stay with friends or relatives.
3. Outside assistance is available from both private and governmental.
4. Assistance by relief agencies along with assistance from outside the county will be available if required and/or requested.

III. Concept of Operations

A. General

1. Local government has the responsibility for providing reception and care services.
2. Reception and Care operations will be directed and controlled by the **(identify your jurisdiction's responsible agency)**. Operations will be

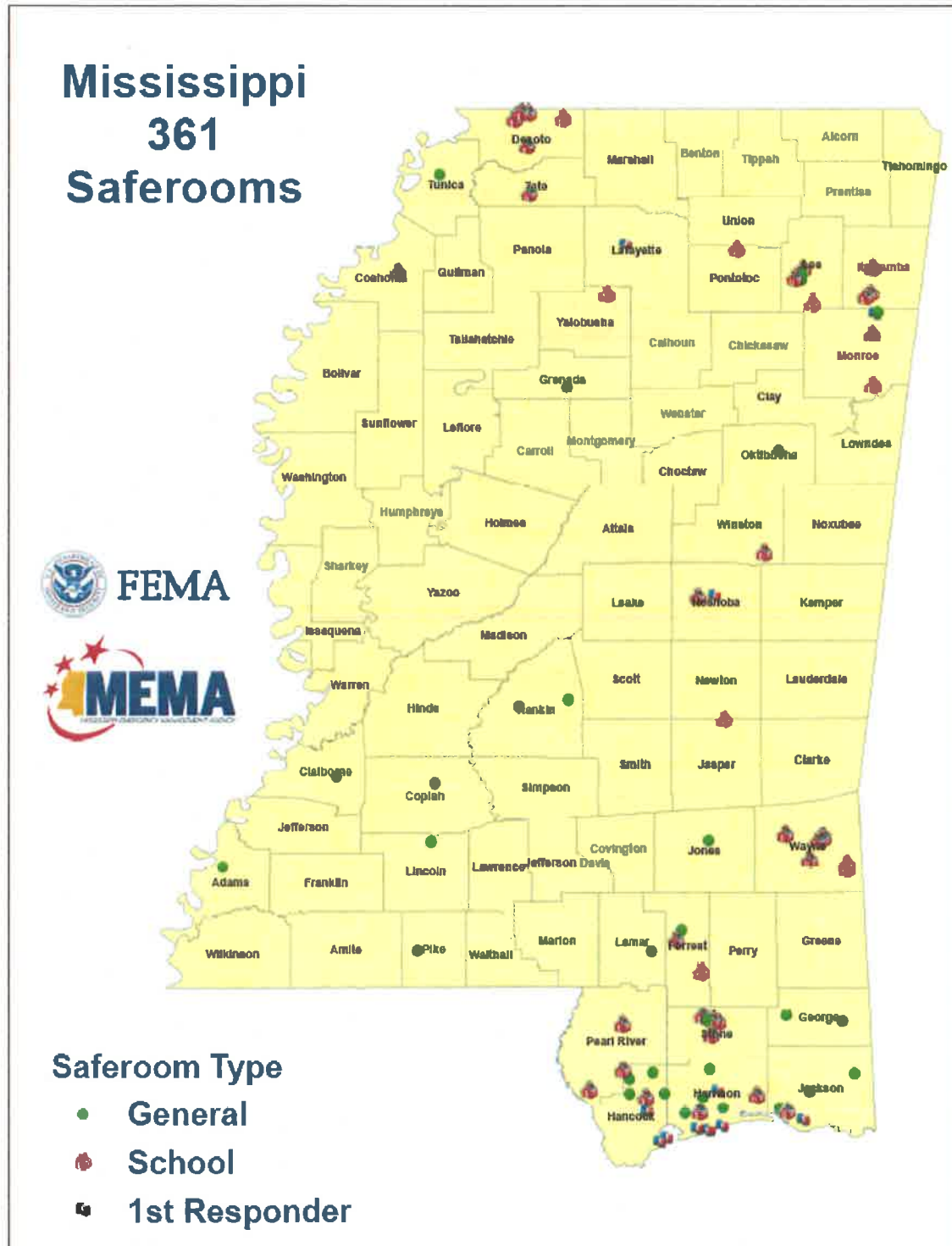
Forrest County Emergency Support Function #6- Mass Care, Emergency Assistance, Housing, and Human Services Annex

directed and coordinated from the primary EOC or a facility designated at the time reception and care becomes necessary.

3. Support to Reception and Care operations will be provided by other county and/or city departments/agencies as required and private relief organizations as available. Such support would include law enforcement, public information, communication between shelters and the EOC, mass feeding, temporary housing, handlers for pets/service animals, etc.
4. The role of local government will be to:
 - a. Monitor Reception and Care operations and provide coordination.
 - b. Assist in locating and opening shelters.
 - c. Assist in locating animal shelters – preferably in close proximity to mass care shelters.
 - d. Identify shelters and resources that will support access and functional needs support services.
 - e. Resource assistance.
5. The Emergency Management Director will assist the Reception and Care Coordinator in:
 - a. Emergency mass feeding operations.
 - b. Assigning and managing reception and care center teams.

Forrest County Emergency Support Function #6- Mass Care, Emergency Assistance, Housing, and Human Services Annex

Appendix 3



Forrest County Emergency Support Function #6- Mass Care, Emergency Assistance, Housing, and Human Services Annex

Appendix 4

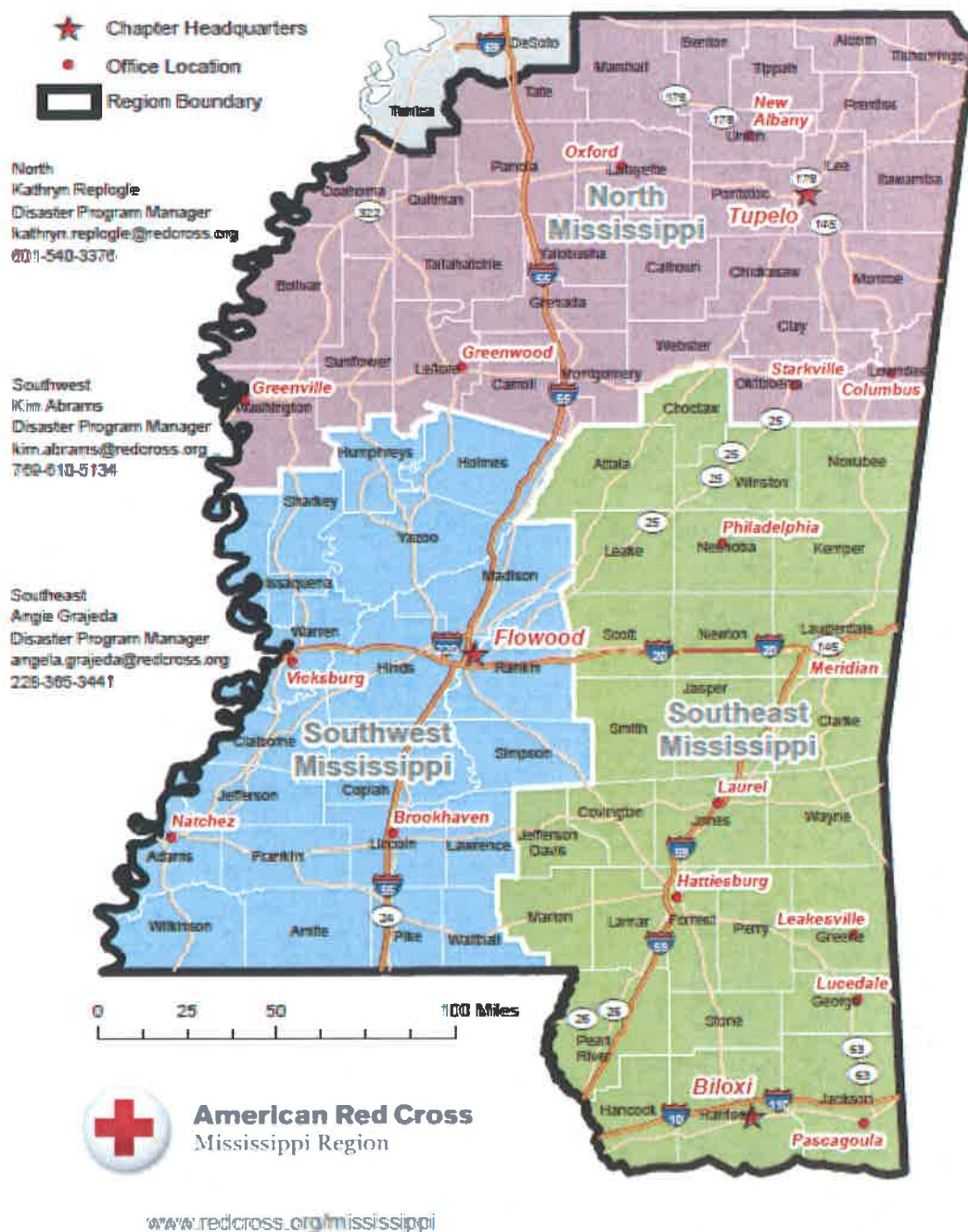
WebEOC Listed Shelters



Forrest County Emergency Support Function #6- Mass Care, Emergency Assistance, Housing, and Human Services Annex

Appendix 6

American Red Cross, Mississippi Region



Forrest County Emergency Support Function # 7- Resource Support Annex

ESF # 7 Coordinator

Forrest County Emergency Management
Forrest County Administrator

Primary Agency

Forrest County Emergency Management

Support Agencies

Forrest County
City of Hattiesburg
City of Petal

State Non-governmental Support Organizations

Mississippi Volunteer Organizations Active
in Disasters (MSVOAD)
American Red Cross
Salvation Army

State ESF Coordinator

Mississippi Department of Finance and
Administration (MDFA)

State Primary Agency:

Mississippi Department of Finance and
Administration (MDFA)

Introduction

Purpose

The purpose of Emergency Support Function (ESF) #7 is to provide for proper coordination of resources in order to effectively respond to an emergency.

Scope

Should a disaster overwhelm Forrest County's total resource base, the State ESF # 7 of the State's Comprehensive Emergency Management Plan would be activated with MEMA being the primary coordinator. In the event that Federal ESF # 7 mobilization is required, then the General Services Administration would be the lead agency.

Relationship to Whole Community

This section describes how ESF#7 relates to the whole community.

Local, State, Tribal, and Area Governments

ESF #7 organizations develop collaborative tools for use by local, state, tribal and area governments to elevate current disaster and logistics readiness, identify areas for targeted improvement, and develop a roadmap to mitigate weaknesses and enhance strengths to foster a collective whole community logistics concept.

Private Sector/Nongovernmental Organizations

- Support that cannot be provided from State resources is secured through direct procurement or donations.
- ESF #7 works with retail, wholesale, and other similar private industry associations for information sharing, planning, and exercises that would produce mutually beneficial results in coordinating how, when, and by whom crucial logistics resources will be provided during all types of incidents.

Forrest County Emergency Support Function # 7- Resource Support Annex

Core Capabilities and Actions

ESF Roles Aligned with Core Capabilities

The following table lists the Response core capabilities that ESF #7 most directly supports along with the related ESF #7 actions. All ESFs, including ESF #7, supports the core capabilities of Planning, Operational Coordination, and Public Information and Warning.

The actions listed beside each core capability in this table apply to local, state, tribal, federal and NGOs.

Core Capability	ESF #7- Logistics
Mass Care Services	• Acquires and manages resources, supplies, and services from core capability providers via contracts, mission assignments, interagency agreements, and donations. • Supports the prioritization, coordination, and communication of mass care resource requirements. • Communicates plans, requirements, and strategies to core capability providers. • Support of requirements for physically accessible sheltering, feeding, and related activities to support survivors of disasters, including individuals with disabilities.
Critical Transportation	• Management of transportation that includes equipment and procedures for moving material from storage facilities and vendors to incident victims, particularly with emphasis on the surge and sustainment portions of response. • Transportation management also includes providing service to include fulfilling request from other State organizations.
Infrastructure Systems	• Provision of logistical support to fire and other first response services.
Operational Communications	• Coordination of procurement of communication equipment and services.
Public and Private Services and Resources	• Coordination of the resource support for survivors. • Resource management that includes determining requirements, sourcing, ordering and replenishment, storage, and issuing of supplies and equipment. • Facilities management that includes assisting in locating, selecting, and acquisition of incident facilities, such as Joint Field Services Offices (JFO), as well as storage and distribution facilities. • Establishment and operation of logistics support facilities to include the management of services related to lodging and feeding of incident support personnel. • Personal property management to include policy and procedures, guidance for maintaining accountability of material and identification and reutilization of property acquired to support a response operation.

Forrest County Emergency Support Function # 7- Resource Support Annex

	• Management of electronic data interchanges to provide end-to end visibility of response operations. • Plan for transitional support to recovery operations concurrent with response operations.
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Policies

- All local resources will be expended or committed by local government before assistance is requested from other local governments through the Statewide Mutual Aid Compact (SMAC), or from state government agencies.
- According to the Logistics Section of ESF #5, Mississippi Emergency Management Agency (MEMA) is the primary manager of logistical staging sites, and the Mississippi Department of Finance and Administration (DFA) provides assistance in the coordination effort to identify and procure resources and provide logistical support to the affected areas.
- Emergency resources will be used solely for response and short-term recovery, rather than long-term recovery.
- All organizations are responsible for the development and maintenance of their own internal operating and notification procedures. No part of this annex is intended to supplant agency SOP/SOGs.
- All organizations are responsible for filing any important vacancies; recalling personnel from leave, if appropriate; and alerting those who are absent due to other duties or assignments.
- Personnel designated as on-scene responders are representatives of the EOC should make prior arrangements to ensure that their families are provided for in the event of an emergency, so to ensure a prompt, worry-free response and sequent duty.
- The proper channeling of resources is a high priority in an emergency. This ESF outlines procedures for requesting resources during an emergency. Resource inventory will include anticipated needs of local government for all types of emergencies. Local resource requests should come through the local EOC and be coordinated with the Emergency Management Director before state resources capabilities are asked for.

Concept of Operations

Assumptions

- Local resources will be used effectively to minimize duplication and waste.
- All local resources will be expended or committed by Forrest County and local jurisdictions before assistance is requested from other local government or state government agencies.
- Some resources within the disaster area will be damaged, isolated from immediate access, or destroyed.

Forrest County Emergency Support Function # 7- Resource Support Annex

- The private sector will voluntarily provide personnel, supplies, transportation, and other essential resources during a significant emergency or disaster.

General

It is the responsibility of local government to protect lives and property of its local citizens by utilizing all pertinent government personnel and resources. Among the actions to be taken toward this end are the following:

- Commit all, or that part of, its available resources necessary to protect lives and property and relieve suffering and hardship.
- Local government will maintain a list of available resources to be utilized during an emergency.
- Local government will maintain records of all resources expended, such as manpower, equipment, and materials.
- In the event all local resources have been expended or committed, assistance should be sought from MEMA through the Forrest County Emergency Management Director.
- Logistical support necessary to save lives will receive first priority.

Organization

The day-to-day operations of local Emergency Management provides planning and personnel training to obtain the maximum use of available resources and materials in the event an emergency should arise. During the emergency, local government will coordinate and identify essential resources to be rendered to disaster victims. The aim of the Resource Management ESF is to utilize resources and trained personnel to carry out each assignment effectively among the many resource tasks to be performed during an emergency.

Direction, Control and Coordination

- The Emergency Management office will be responsible for the coordination of resource management activities. The major responsibility is to identify available sources from which needed resources can be obtained during an emergency situation. Coordination of these resources during emergencies will be handled from the EOC. Routine checks of supplies will be made in order to maintain an accurate list.

Administrative and Logistical Support

All participating ESF # 7 agencies are expected to:

- Coordinate their support with ESF # 7.
- Attend and support briefings and other coordination meetings, whether at the EOC or elsewhere.
- Maintain operational logs, messages, requests, and other appropriate documentation for future reference.

Forrest County Emergency Support Function # 7- Resource Support Annex

- Maintain their maps, displays, status reports, and other information not included in the ESF #5 operations.
- All agencies supporting ESF # 7 will receive primary administrative support from their parent organization with additional support from Forrest County EMA as needed.
- All ESF # 7 agencies which have automated financial management systems will utilize those systems to capture incurred costs of all available, acquired, and contracted resources used during the support activities related to emergency or major disaster operations. Those agencies not having access to an automated system will utilize their existing system to capture all related costs for reporting and potential reimbursement.
- All ESF # 7 agencies should ensure that their financial management system, automated or otherwise, is used to capture their incurred costs during an emergency, major disaster, or exercise and must be in compliance with applicable agency, state, and federal guidelines, rules, standards, and laws. This understanding is based on the knowledge that any reimbursement of incurred costs is subject to audit.

Communications

- The resource management network of communication is a primary responsibility of the EOC and should be effectively functional during an emergency situation.

Resources

- A listing of all available local stores and suppliers of foods, materials, and equipment is kept on file in the EOC in a resource manual.

Logistics

- Each and every local government agency and other organizations should be prepared to assist in this ESF function when agencies and organizations with primary and supporting roles cannot provide requested resources.

Actions

Preparedness

The ESF # 7 lead for Forrest County should perform the following actions as part of preparedness:

- Develop plans to coordinate and support County resource management processes that implements and controls the effective flow of services and commodities in coordination with ESF # 5.
- Provide a concept of operations for logistics resource management in support of emergency operations.
- Develop initial requirements of commodities and equipment that may be required as part of response capabilities based on hazard analysis, historical data or forecasted intelligence.

Forrest County Emergency Support Function # 7- Resource Support Annex

- Establish and maintain a list of County resources to include government buildings, vehicles, equipment, supply resources, and agency contacts.
- Recruit, train, and exercise ESF # 7 personnel.
- Pre-identify resource distribution centers.

Pre-Incident

- Ensure SOG's are current and readily available.
- Ensure a coordinated framework is in place for resource management prior to and during a major disaster.
- Ensure all ESF #7 personnel are contacted and reporting times and places are coordinated.

Response

- Distribution and management of resources.
- Coordination of resources to disaster victims.
- Coordinate services with county and local municipalities.
- Make available list of sources to provide materials, equipment, and other resources during emergencies.
- Coordinate local efforts with other agencies.
- Keep records of services and resources rendered during an emergency.

Post-Incident Actions

- Assess needs of victims.
- Estimate costs to provide resources.
- Assess impact of the emergency on the available resources and identifiable needs.
- Coordinate resource management.
- Provide Public information for proper communication to victims.
- Record resources expended and remaining supplies.

Responsibilities

The day-to-day operations of local Emergency Management provides planning and personnel training to obtain the maximum use of available resources and materials in the event an emergency should arise. During the emergency, local government will coordinate and identify essential resources to be rendered to disaster victims. The aim of the Resource Management ESF is to utilize resources and trained personnel to carry out each assignment effectively among the many resource tasks to be performed during an emergency.

Forrest County Emergency Management Agency / Forrest County Administrator

- Identify and maintain list of current available resources.
- Develop mutual-aid agreements for resource allocation with other communities (remember that other counties might also be affected from the disaster, so do not rely on their help alone).
- Coordinate and prioritize resource management.
- Document all expended resources and personnel for possible state or federal reimbursement.

Support Agencies Responsibilities

Agency	Functions
All Support Agencies	• All agencies specifically tasked with ESFs in this CEMP will provide resources and support personnel in delivering emergency response and recovery efforts. Other local agencies not specifically identified in the plan may be tasked with providing their resources or personnel as warranted by the situation. • Each agency should provide Emergency Management with the types of resources they have on hand that would be available for use during emergencies or disasters. • Maintain records of all resources expended for possible reimbursement.

ESF Review and Maintenance

It is the responsibility of the Forrest County Emergency Management to keep an accurate and updated list of all available sources that will supply resources during an emergency. They will also review this ESF annex annually. Other reviews and changes may be made based on incident experience or laws and regulations affecting this ESF. Changes and updates will be distributed to all plan holders.

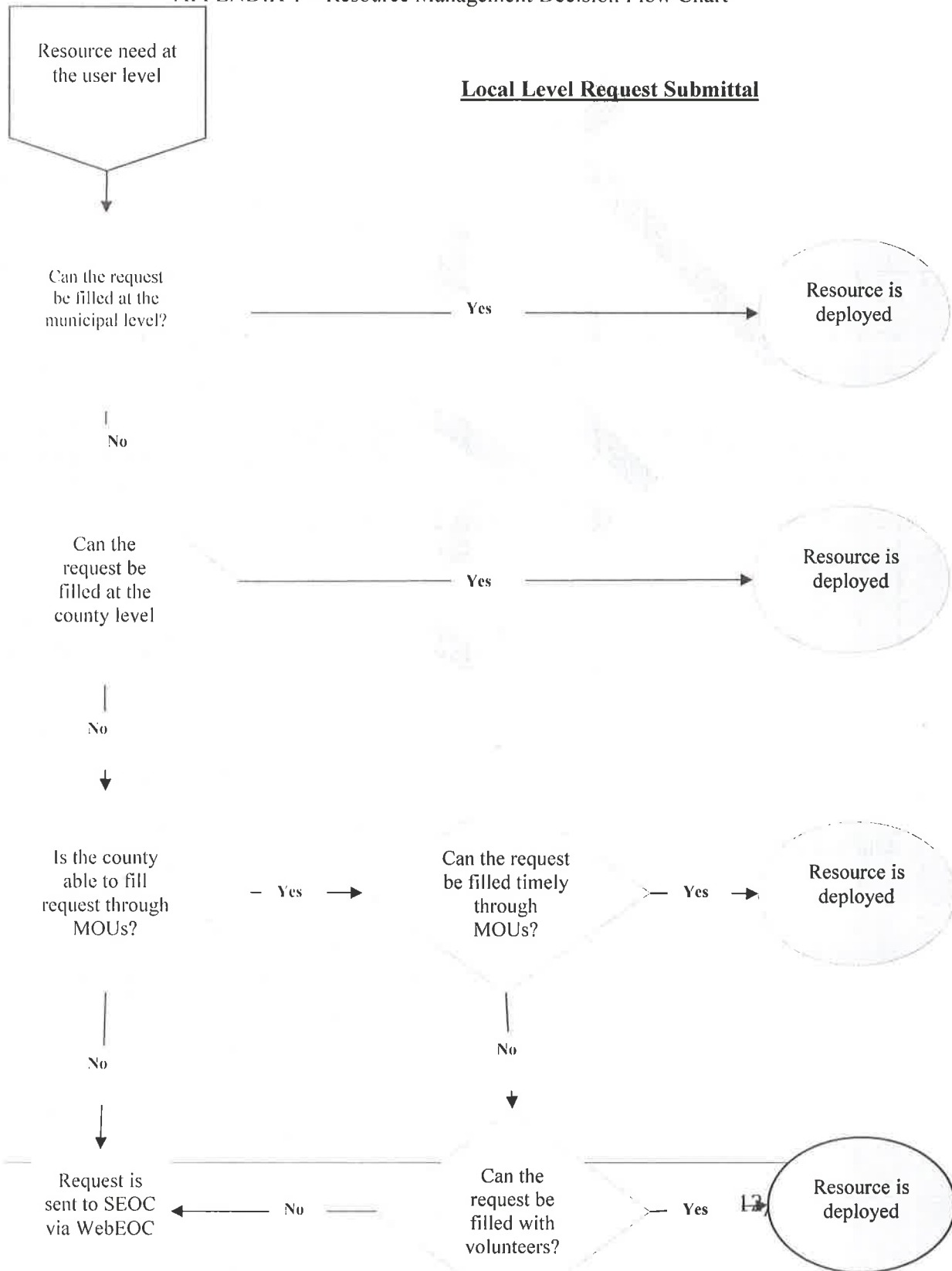
Appendices

Appendix 1: Resource Management Decision Flow Chart

Forrest County Emergency Support Function # 7- Resource Support Annex

Appendix 2: References

APPENDIX 1 – Resource Management Decision Flow Chart



Appendix 2: References

State of Mississippi Master Web Site: <http://www.mississippi.gov>

The State Procurement manual link is:

http://www.dfa.state.ms.us/Purchasing/Proc_Man/pro_man.htm

Emergency procedure is in section 3.206. This is the link to get a copy of our special circumstance form (SC1 form).

This is needed, after the emergency, when submitting your request for approval of the emergency purchase

http://www.dfa.state.ms.us/Purchasing/purchasing_forms.htm

This is the link to the State Contracts:

http://www.dfa.state.ms.us/Purchasing/epl_query.htm

This is the link to our state travel contracts (if someone is looking for a hotel):

<http://www.dfa.state.ms.us/Purchasing/Travel.htm>

Link to MS Industries for the Blind

<http://www.msblind.org>

Link to MS Prison Industries

<http://www.mpic.net>

Forrest County Emergency Support Function #8- Public Health and Medical Services
Annex

ESF #8 Coordinator

AAA Ambulance Service

Public Health District Eight

Forrest General Hospital

Merit Health Wesley Hospital

***** In a Pandemic Influenza event the
Coordinator will be District Medical Liaison
Team (See appendix 4 page 16 paragraph 5 *****

Forrest County Board of Supervisors
Forrest County Agent

State ESF Coordinator

Mississippi Department of Health

State Primary Agency

Mississippi State Department of Health

Forrest County Primary Agencies

AAA Ambulance Service

Public Health District Eight

Forrest General Hospital

Merit Health Wesley Hospital

Forrest County Support Agencies

Forrest County Coroner
Pine Belt Mental Health
Pine Grove Recovery
Mississippi Department of Mental
Health/Region
Forrest County Fire Departments
Public Information Officer (PIO)
Home Health Agencies
Private Health Care Facilities
Forrest County Sheriff's Department
Hattiesburg Police Department
Petal Police Department

State Support Agencies

Mississippi Department of Human Services
Mississippi Department of Agriculture and
Commerce
Mississippi Board of Animal Health
Mississippi Department of Environmental
Quality
Mississippi Office of the Medical Examiner
Mississippi Military Department
Mississippi State Board of Pharmacy
Mississippi Department of Rehabilitation
Services-Vocational Rehabilitation
Mississippi Veterinary Medical Association
Mississippi Division of Medicaid
Mississippi Board of Medical Licensure
Mississippi Board of Nursing
Mississippi Community Colleges and
Subsidiaries
University of Mississippi Medical Center
(UMMC) and/or other State Hospitals
Mississippi Department of Public Safety

Introduction

Purpose

The purpose of this Emergency Support Function (ESF) is to provide local assistance and coordinate local resources in response to public health and medical care needs. County agencies and health organizations will provide and coordinate services and resources including, but not limited to, emergency treatment and prevention, inspection of food and potable water, sewage and wastewater disposal, emergency mortuary service, patient rehabilitation, vector and disease control, and the restoration of health and medical infrastructure.

Scope

This section of the plan is to be used to respond to incidents where threatened or actual damage exceeds Forrest County's capabilities.

Relationship to Whole Community

This section describes how ESF #8 relates to the whole community.

Local, State, Tribal, and Area Governments

- While local, tribal and area officials retain primary responsibility for meeting public health and medical needs, ESF #8 can deploy public health and medical assets to assist as needed.
- In a major public health or medical emergency, demand for public health and medical resources may exceed local, state, tribal and area capability. State, territorial, tribal and area jurisdictions may request assistance through the Emergency Management Assistance Compact (EMAC) or may request Federal assistance, which may be executed with or without a Stafford Act declaration. When possible, a recognized spokesperson from the affected public health and medical community (local, state, tribal and area) delivers relevant health messages.

Private Sector/Nongovernmental Organizations

- The vast majority of public health and medical activities and services are provided by the private healthcare sector. ESF #8 augments the support provided by the private healthcare sector when requested by local, tribal and area governments.
- ESF #8 organizations works closely with the private sector (e.g., regulated industries, academic institutions, trade organizations, and advocacy groups), volunteer organizations (e.g., faith-based and neighborhood partnerships), and local and state agencies to coordinate ESF #8 response resources. ESF #8 organizations recognize that leveraging resources from these organizations and individuals with shared interests allows ESF #8 to accomplish its mission in ways that are the least burdensome and most beneficial to the American public and that enhance the resilience of healthcare systems to deliver coordinated and effective care during public health emergencies and mass casualty events.
- Nongovernmental organizations, including community-based organizations, are an important partner in recruiting and supporting health professional volunteers and providing medical and counseling services to victims and their families.

Core Capabilities and Actions

ESF Roles Aligned with Core Capabilities

The following table lists the Response core capabilities that ESF #8 most directly supports along with the related ESF #8 actions. Though not listed in the table, all ESFs, including ESF #8, support the core capabilities of Planning and Operational Coordination. **The actions listed beside each core capability in this table apply to local, state, tribal, federal and NGOs.**

Forrest County Emergency Support Function #8- Public Health and Medical Services
Annex

Core Capabilities	ESF #8- Public Health and Medical Services
Public Information and Warning	• Coordinates the Federal public health and medical messaging with jurisdictional officials. • Continuously acquires and assesses information on the incident. Sources of information may include state incident response authorities; officials of the responsible jurisdiction in charge of the disaster scene; and ESF #8 support departments, agencies, and organizations. • Provides public health, behavioral health, disease, and injury prevention information that can be transmitted to members of the general public and responders who are located in or near affected areas in languages and formats that are understandable to individuals with limited English proficiency and individuals with disabilities and other with access and functional needs. • Supports a Joint Information Center (JIC) in the release of general medical and public health response information to the public.
Critical Transportation	Patient Movement • Transports seriously ill or injured patients and medical needs populations from casualty collection points in the impacted area to designated reception facilities. • Coordinates the Federal response in support of emergency triage and pre-hospital treatment, patient tracking, distribution, and patient return. This effort is coordinated with Federal and local, state; tribal, territorial, and insular area emergency medical services officials. • Provides support for evacuating seriously ill or injured patients through the National Disaster Medical System (NDMS), an interagency partnership between the Department of Health and Human Services (HHS), the Department of Homeland Security (DHS), the Department of Defense (DOD), and the Department of Veterans Affairs (VA), and the Federal Emergency Management Agency (FEMA), via the National Ambulance Contract. Support may include providing transportation assets, operating and staffing NDMS patient collection points (e.g., aerial ports of embarkation (APOEs)), and establishing Federal Coordinating Centers (FCCs) that conduct patient reception at ports of debarkation (e.g., aerial ports of debarkation). Federal support may also include processing and tracking patient movement from collection points to their final destination reception facilities. (Note: DOD is responsible for regulating and tracking patients transported on DOD assets to appropriate treatment facilities (e.g., NDMS hospitals).
Environmental Response/Health and Safety	• Supports the Worker Safety and Health Support Annex, provides technical assistance, and conducts exposure assessments and risk management to control hazards for response workers and the public.
Fatality Management Services	• Assists jurisdictional medico-legal authorities and law enforcement agencies in the tracking and documenting of human remains and

Forrest County Emergency Support Function #8- Public Health and Medical Services
Annex

	associated personal effects; reducing the hazard presented by chemically, biologically, or radiologically contaminated human remains (when indicated and possible); establishing temporary morgue facilities determining the cause and manner of death; collecting ante mortem data in a compassionate and culturally competent fashion from authorized individuals; performing postmortem data collection and documentation; identifying human remains using scientific means (e.g., dental, pathology, anthropology, fingerprints, and, as indicated, DNA samples); and preparing, processing, and returning human remains and personal effects to the authorized person(s) when possible; and providing technical assistance and consultation on fatality management and mortuary affairs. In the event that caskets are displaced, ESF #8 assists in identifying the human remains, recasketing, and reburial in public cemeteries. • May provide support to families of victims during the victim identification mortuary process.
Mass Care Services	• Provides technical expertise and guidance on the public health issues of the medical needs population. • Assists with applications for Federal benefits sponsored by HHS and ensures continuity of assistance services in affected states and in states hosting relocated populations. • Provides support for the provision of case management and advocacy services. • Provides support for human and/or veterinary mass care sheltering as resources are available.
Public and Private Services and Resources	Blood and Tissues • Monitors and ensures the safety, availability, and logistical requirements of blood and tissues. This includes the ability of the existing supply chain resources to meet the manufacturing, testing, storage, and distribution of these products. Food Safety, Security, and Defense • In coordination with ESF #11, may task HHS components and request assistance from other ESF #8 partner organizations to ensure the safety, security, and defense of federally regulated foods. Agriculture Safety and Security • In coordination with ESF #11, may task ESF #8 components to ensure the health, safety, and security of food-producing animals, animal feed, and therapeutics. ESF #8 may also provide veterinary assistance to ESF #11. Support will include the amelioration of zoonotic disease and caring for research animals where ESF #11 does not have the requisite expertise to render appropriate assistance.
Public Health and	Health, Medical, and Veterinary Equipment and Supplies

Forrest County Emergency Support Function #8- Public Health and Medical Services
Annex

Medical Services Public Health and Medical Services (Continued)	• Arranges for the procurement and transportation of equipment, supplies, diagnostic supplies, radiation detecting devices, and countermeasures, including assets from the Strategic National Stockpile (SNS), in support of immediate public health, medical and veterinary response operations. Health Surveillance • Use existing all-hazards surveillance systems to monitor the health of the general and medical needs population, as well as that of response workers, and identify emerging trends related to the disaster; carries out field studies and investigations; monitors injury and disease patterns and potential disease outbreaks, behavioral health concerns, and blood and tissue supply levels; and provides technical assistance and consultations on disease and injury prevention and precautions. Provides support to laboratory diagnostics. Medical Surge • Provides support for triage, patient treatment, and patient movement. • Provides clinical public health and medical care specialists from the NDMS, U.S. Public Health Service, VA, and DOD to fill local, state, tribal, territorial and insular area health professional needs. • Engages civilian volunteers, through the Emergency System for Advance Registration of Volunteer Health Professionals, volunteer Federal employees and the Medical Reserve Corps to fill local, state, tribal, territorial, and insular area health professional needs. Patient Care • Provides resources to support pre-hospital triage and treatment, inpatient hospital care, outpatient services, behavioral healthcare, medical-needs sheltering, pharmacy services, and dental care to victims or those who suffer from chronic illnesses. • Assists with isolation and quarantine measures and with point of distribution operations (mass prophylaxis and vaccination). • Ensures appropriate patient confidentiality is maintained, including Health Insurance Portability and Accountability Act privacy and security standards, where applicable. Assessment of Public Health/Medical Needs • Supports national or regional teams to assess public health and medical needs. This function includes the assessment of the healthcare system/facility infrastructure. Safety and Security of Drugs, Biologics, and Medical Device
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Forrest County Emergency Support Function #8- Public Health and Medical Services
Annex

Public Health and Medical Services (Continued)	- During response, provides advice to private industry regarding the safety and efficacy of drugs, biologics (including blood, tissues and vaccines), medical devices (including radiation emitting and screening devices), and other products that may have been compromised during an incident and are HHS regulated products. All-Hazard Public Health and Medical Consultation, Technical Assistance, and Support - Assesses public health, medical, and veterinary medical effects resulting from all hazards. Such tasks may include assessing exposures on the general population and on children and those with disabilities and others with access and functional needs; conducting field investigations, including collection and analysis of relevant samples; providing advice on protective actions related to direct human and animal exposures and on indirect exposure through contaminated food, drugs, water supply, and other media; and providing technical assistance and consultation on medical treatment, screening, and decontamination of injured or contaminated individuals. - Provides for disaster related health and behavior health needs through direct services and/or referrals as necessary. Vector Control - Assesses the threat of vector-borne diseases. - Conducts field investigations, including the collection and laboratory analysis of relevant samples; provides vector control equipment and supplies. - Provides technical assistance and consultation on protective actions regarding vector-borne diseases. - Provides technical assistance and consultation on medical treatment of victims of vector-borne diseases. Public Health Aspects of Potable Water/Wastewater and Solid Waste - Assists in assessing potable water, wastewater, solid waste disposal, and other environmental health issues related to public health in establishments holding, preparing, and/or serving food, drugs, or medical devices at retail and medical facilities, as well as examining and responding to public health effects from contaminated water; conducting field investigations, including collection and laboratory analysis of relevant samples; providing equipment and supplies as needed; and providing technical assistance and consultation.
Other (Veterinary Medical Support)	Provides veterinary public health technical support through HHS National Veterinary Response Teams, veterinary officers of the Commissioned Corps of the U.S. Public Health Service. The

Forrest County Emergency Support Function #8- Public Health and Medical Services Annex

	National Veterinary Response Teams are the primary Federal resource for treatment of ill or injured pets, service animals, working animals, laboratory animals, and livestock. Under its own statutory authority, HHS can manage and conduct animal response to zoonotic diseases in order to protect human health. • For livestock or poultry diseases exotic to the United States that are either not or only mildly zoonotic, supports the United States Department of Agriculture (USDA) and its authority to manage a foreign animal disease response with the resources listed above.
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Policies

All local organizations and other ESFs participating in response operations report public health and medical requirements to their functional counterpart in ESF #8.

General medical and public health response information will be released through ESF #15 after consultation with all health agencies to include AAA Ambulance Service, Forrest General Hospital, Merit Health Wesley, and MSDH District Eight. When possible, a spokesperson from the public health and medical community delivers relevant community messages in conjunction with senior elected officials.

Other general medical and public health response information may be released through ESF #15 at the discretion of the lead Public Information Officer, after consultation with the AAA Ambulance Service, Forrest General Hospital, Merit Health Wesley, and MSDH District Eight. To ensure patient confidentiality, the release of medical information by ESF #8 is in accordance with the Health Insurance Portability and Accountability Act (HIPAA).

Individuals in the county can receive mental health services through the Mississippi Department of Mental Health. In the event of a disaster, MDMH will have the primary role in providing services.

In the event of a zoonotic or animal disease outbreak, in coordination with ESF #11, public information may be released from the Joint Information Center (JIC), after consultation with the Forrest County Extension Agent, in consultation with AAA Ambulance Service, Forrest General Hospital, Merit Health Wesley Hospital, and with the Mississippi Department of Agriculture and Commerce (MDAC) along with the Forrest County Hospital/Health Department.

As the primary agency for ESF #8, the AAA Ambulance Service, Forrest General Hospital, Wesley Medical Center and MSDH District Eight in coordination with the Forrest County PIO or designee determines the appropriateness of all requests for public health, medical, and death information and coordinates with the Forrest County EMA Director.

The AAA Ambulance Service, Forrest General Hospital, Merit Health Wesley Hospital, and MSDH District Eight are the primary agencies for ESF #8, are responsible for consulting with and organizing county public health and medical subject-matter experts, as needed.

Mutual Aid Agreements

- **Statewide Mutual Aid Compact (SMAC)**

If an emergency incapacitates local emergency medical and health and medical services, or if the magnitude of the emergency exceeds local veterinary resources, requests can be made to other participants for resources.

- **Emergency Management Assistance Compact (EMAC)**

If the emergency medical and health and medical service resources overextend the capabilities of the county, a request to Mississippi Emergency Management Agency will be submitted for EMAC stating that persons holding licenses, certificates, or other permits issued by a party State for professional, mechanical, or other skills, shall be deemed licensed, certified, or permitted by the requesting State to render aid involving such skills.

In accordance with Section 33-15-14(2) (a)(viii), MS Code of 1972, annotated, all agencies with Emergency Support Function 8 responsibilities will ensure that they have standard operating procedures in place to enable them to perform appropriate levels of health and medical mitigation, preparedness, response, and recovery.

Concept of Operations

Assumptions

- Medical resources and services may be damaged or unavailable during the disaster or emergency.
- Some disasters may generate casualty loads beyond the treatment capabilities of local emergency medical services and health care systems.
- Damage to chemical and industrial plants, sewer lines, and water systems, combined with secondary hazards such as fires, will result in toxic environmental and public health hazards to the surviving population and response personnel.
- Disruption of sanitation services and facilities, loss of power, and the massing of people in shelters may increase the potential for disease and injuries.
- The damage and destruction of a catastrophic disaster will produce urgent needs for mental health crisis counseling for disaster victims and response personnel.
- In a catastrophic event, the need for emergency mortuary services and victim identification will be paramount.
- Communication systems post-impact will most likely be limited or inoperable.
- Decisions to evacuate and whom to evacuate are local/state decisions.
- Transportation routes will be severely and negatively impacted.

Forrest County Emergency Support Function #8- Public Health and Medical Services Annex

- All patient movements on the ground will be coordinated with general population evacuation processes.
- During a catastrophic event, healthcare facilities may lose significant operational capacity. The facilities may be at or above capacity prior to the event.
- Hospitals and other healthcare facilities may receive a surge in citizens with special medical needs, long-term care patient transfers, and citizens with other medical concerns prior to an event (if there is pre-event notice).
- Hospitals and other healthcare facilities may receive a surge in citizens who have medical injuries, who are experiencing exacerbation of medical conditions, or who have other medical concerns post-impact.
- During events that provide no-notice, all pre-impact actions (i.e. warnings or evacuations), will begin immediately post-impact.
- A major disaster could have detrimental effects on the animal population. This in turn could seriously harm the environment and the economy.

General

- ESF #8, which consists of all Forrest County Emergency Medical Services (EMS) will manage and coordinate most Health and Medical resources from the Forrest County Emergency Operations Center (EOC) when activated. The EOC is located at 4080 Hwy 11 Hattiesburg, MS 39442.
- A vast majority of ESF #8 activities will take place out in field locations at the disaster site. Any deployed field personnel or units will report to the EOC ESF #8 and will stay in contact with them at all time by either radio or telephone.
- The lead EMS agency for this ESF is the primary agencies listed above. Each agency has an internal set of guidelines for disaster response. That policy will act as a supplement to this ESF.
- All other agencies with ESF #8 responsibilities will ensure that they have Standard Operating Procedures (SOPs) in place to enable them to perform appropriate levels of health and medical mitigation, preparedness, response, and recovery.

Forrest County Emergency Support Function #8- Public Health and Medical Services Annex

Alert, Notification, and Warning

Upon notification by Emergency Management of a potential or actual event requiring response, all designated ESF #8 Emergency Coordinating Officers (ECOs) will report to the Forrest County EOC. Direct coordination of health and medical activities will take place at this location. Each agency and organization must ensure that sufficient program staff is supplied to carry out the activities of this function on a continuous basis.

Response Operations

- Forrest General Hospital, Merit Health Wesley, and MSDH District Eight are responsible for assuring essential acute medical care.
- Forrest General Hospital, Merit Health Wesley, and MSDH District Eight are responsible for the coordination of health and medical services to evacuated citizens in shelters, affected functional needs populations, and home health care patients.
- Forrest General Hospital, Merit Health Wesley, and MSDH District Eight in conjunction with the Forrest County Health Department, will organize medical support to re-entry control points including any special immunization/protective requirements.
- Requests for additional EMS services will be coordinated to the State Department of Health by AAA Ambulance Service and Forrest County EOC personnel.

Animal Health

- Following an emergency or disaster situation, it may be necessary to protect the health, safety, and welfare of animals. This may include controlling the spread of disease from animals to human beings and other animals and providing animal care services to injured animals.
- Veterinarians residing in Forrest County are the first line for response to emergencies involving animals or animal food products in their communities.
- The Mississippi Veterinary Medical Association (MVMA) is the primary organization for coordinating voluntary veterinary services needed in emergencies. The MVMA represents veterinarians of the State and acts as liaison with local and state agencies. Veterinarians and humane society personnel are only required to participate on a voluntary basis in emergency operations.

Organization

Forrest General Hospital

- Assign a medical liaison/coordinator to the county EOC and coordinate Forrest County medical services at this location with various other departments represented there and in the fields.
- Respond in a timely manner with enough personnel and enough medical supplies and equipment to handle the incident.
- If necessary, invoke mutual aid agreement with other ambulance carriers.

Forrest County Emergency Support Function #8- Public Health and Medical Services Annex

- Transport casualties to the appropriate medical facility as determined in consultation with the medical facility.
- Perform on-scene triage, especially in the case of mass casualty situations.
- Upon arrival at the scene of a “safe area” establish medical control through the Radio Communications System with hospitals and obtain treatment orders through radio contact with on duty emergency physicians or follow established protocols.
- Maintain full inventory of emergency medical supplies.
- Inform the EOC of the Public Health conditions.
- Conduct environmental health activities in regard to sewage or solid waste refuse disposal, food, water control, and vector/vermin control.
- Provide essential/ongoing Public Health Clinic services.
- Issue health instructions to the general public, including personal health and hygiene (This activity needs to be coordinated with Forrest County Public Information ESF #15 and the State Department of Health’s Office of Health Communication and Public Relations).

Forrest County EMA

- Forrest County Emergency Management personnel will notify EMS Officials and other support agencies of ESF #8 activation.
- Ensure required medical media releases are coordinated with senior elected officials and the County EOC.

Field Units

AAA Ambulance Service

- AAA Ambulance Service has the lead coordination responsibilities for this ESF. They are responsible for coordinating the overall health and medical activities by providing resources or personnel based upon jurisdictional needs. They will be responsible for coordinating obligations on all Health and Medical ventures that involve local resources and assistance.
- The Emergency Coordinating Officer (ECO) will perform the necessary tasks of addressing emergency health needs through direct involvement with Forrest County Emergency Management, during the time of a disaster.
- If the local emergency health and medical resources have either been exhausted or are expected to be exhausted prior to meeting the demand. AAA Ambulance Service will coordinate with Emergency Management officials to recommend the assistance be requested from MEMA. Such a request to MEMA for assistance would prompt the implementation of the Mississippi Comprehensive Emergency Management Plan (CEMP).

Forrest County Emergency Support Function #8- Public Health and Medical Services Annex

Administrative and Logistical Support

All participating ESF # 8 agencies are expected to:

- Coordinate their support with ESF # 8.
- Attend and support briefings and other coordination meetings, whether at the EOC or elsewhere.
- Maintain operational logs, messages, requests, and other appropriate documentation for future reference.
- Maintain their maps, displays, status reports, and other information not included in the ESF #5 operations.
- All agencies supporting ESF # 8 will receive primary administrative support from their parent organization with additional support from Forrest County EMA as needed.
- All ESF # 8 agencies which have automated financial management systems will utilize those systems to capture incurred costs of all available, acquired, and contracted resources used during the support activities related to emergency or major disaster operations. Those agencies not having access to an automated system will utilize their existing system to capture all related costs for reporting and potential reimbursement.
- All ESF # 8 agencies should ensure that their financial management system, automated or otherwise, is used to capture their incurred costs during an emergency, major disaster, or exercise and must be in compliance with applicable agency, state, and federal guidelines, rules, standards, and laws. This understanding is based on the knowledge that any reimbursement of incurred costs is subject to audit.

Actions

Preparedness

- Recruit, train and exercise ESF #8 personnel.

Pre-Incident

- Ensure current SOPs are available.
- Ensure all necessary personnel are contacted. Notify and request all support organizations to participate in ESF #8 coordination activities. As appropriate, supporting agencies and organizations not already represented at the Forrest County EOC are requested to provide liaisons to ESF #8.
- Coordinate with county health officials, Coroner's Offices, and other organizations to determine current medical and public health assistance requirements.

Forrest County Emergency Support Function #8- Public Health and Medical Services Annex

- Commence various forms of communication with health and medical representatives from Forrest County and Mississippi State Department of Health to discuss the situation and determine the appropriate response actions.
- Enhance staffing immediately on notification of an actual or potential public health or medical emergency.
- Consult with the appropriate ESF #8 organizations to determine the need for assistance.

Incident

- Develop and update assessments of medical and public health status.
- Establish communications necessary to coordinate local public health and medical assistance effectively.
- Coordinate ESF #8 activities.
- Coordinate medical transportation assistance.
- Coordinate health and medical services to evacuated citizens provided shelter, affected special needs populations, and home health care patients.

Recovery

- Restore all essential healthcare, medical, and social services systems.
- Restore permanent medical facilities to operational status.
- Restore pharmacy services to operational status.
- Support emergency services staff and operations until they can be redrawn.
- Continue provision of mental health crisis services.
- Continue environmental and epidemiological surveillance.

Post-Incident

Forrest County prepares an after-action report. The after-action report identifies key problems, indicates how they are to be/were solved, and makes recommendations for improving response operations. ESF #8 organizations assist in preparation of the after-action report.

Responsibilities

AAA Ambulance Service (EMTs/EMRs)/Forrest County Health Department

- Assign a medical liaison/coordinator to the county EOC and coordinate Forrest County medical services at this location with various other departments represented there and in the fields.

Forrest County Emergency Support Function #8- Public Health and Medical Services Annex

- Respond in a timely manner with enough personnel and enough medical supplies and equipment to handle the incident.
- If necessary, invoke mutual aid agreements with other ambulance carriers.
- Transport casualties to the appropriate medical facility as determined in consultation with the medical facility.
- Perform on-scene triage, especially in the case of mass casualty situations with assigned staff.
- Upon arrival at the scene of a “safe area” establish medical control through the Radio Communications System with hospitals and obtain treatment orders through radio contact with on duty emergency physicians or follow established protocols.
- Maintain full inventory of emergency medical supplies.
- Forrest County Health Department will assign a medical liaison/coordinator to the county EOC and coordinate Forrest County medical services at this location with various other departments represented there and in the fields.
- Forrest County Health Department will respond in a timely manner with enough personnel and enough medical supplies and equipment to handle the incident.

Support Agencies Responsibilities

Agency	Functions
Forrest County Coroner	• Proper identification of disaster victims. • Note and retrieve personal items on victims. • Coordinate with funeral homes and ambulances for removal of bodies. • Responsible for procuring body bags.
Mississippi Department of Mental Health/Region	• Formulate critical incident stress debriefing program for emergency response personnel. • Provide crisis-counseling program for disaster victims. • Arrange to dispatch mental health resources to affected areas.
County/Local Fire Departments	• Assist with traffic control and/or crowd control. • Provide first aid assistance as needed.
Mississippi Veterinary Medical Association	• Activate their animal disaster plan printed under separate cover. • Coordinate veterinary services and animal care with EOC and Forrest County veterinarians. • Coordinate volunteer veterinarians and humane society personnel in emergency.

**Forrest County Emergency Support Function #8- Public Health and Medical Services
Annex**

Agency	Functions
Public Information Officer (PIO) (appointed)	• Members of the press should be made welcome at the county level and internally at the hospital, and as much information given them as is legally available. • Ensure accurate dissemination of information to media for news releases. • Set up area for media within county to function as JIC.
Home Health Agencies	• Provide support with staff and equipment as needed. • If resources are available, the EOC will designate special needs shelters. These shelters are to be used primarily by homebound or invalid patients who are evacuated.
Private Health Care Facilities	• Follow Standard Operating Procedures (SOPs).

ESF Review and Maintenance

- Forrest County Emergency Management will coordinate the annual revision of this ESF with all support agencies. Other unscheduled reviews and revisions may be made after implementation of the plan or because of changes in laws or regulations. Recommendations for changes will be submitted to Emergency Management for approval, publication, and distribution.

Appendices

Appendix 1 – Mississippi State Department of Health Public Health Districts Map

Appendix 2 – Mississippi State Department of Mental Health Regional Offices Map

Appendix 3 – Medical Resources and Contact List

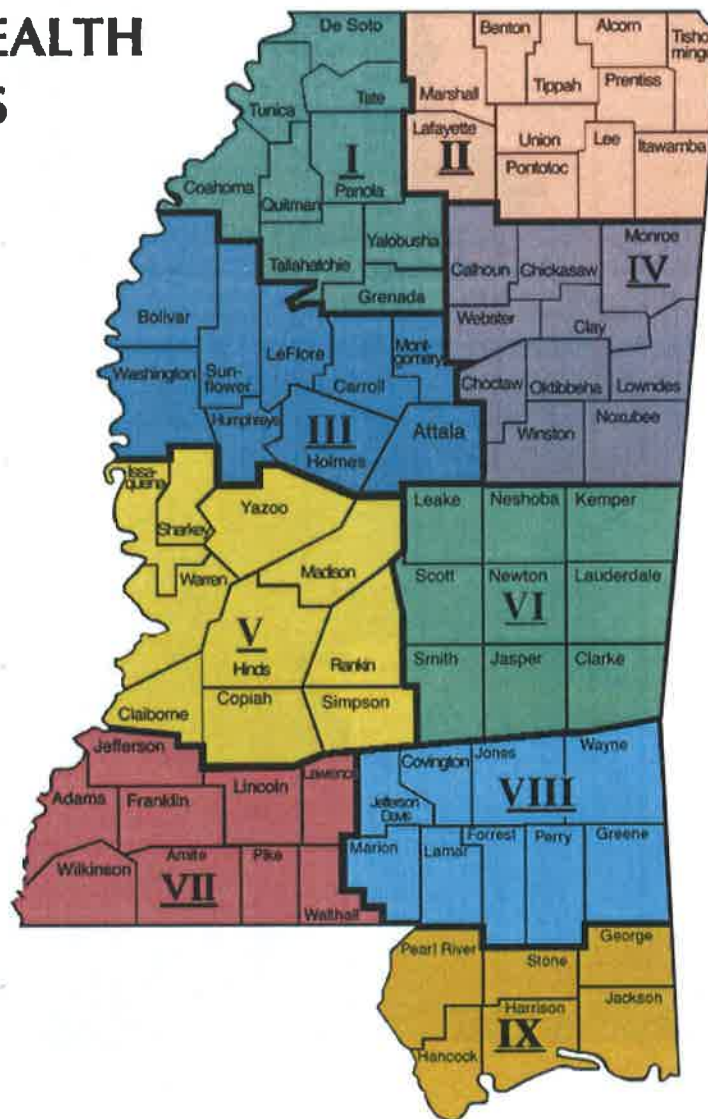
Appendix 4 – State Operated Psychiatric Facilities

Appendix 5 – State Facilities for persons with mental retardation/developmental disabilities

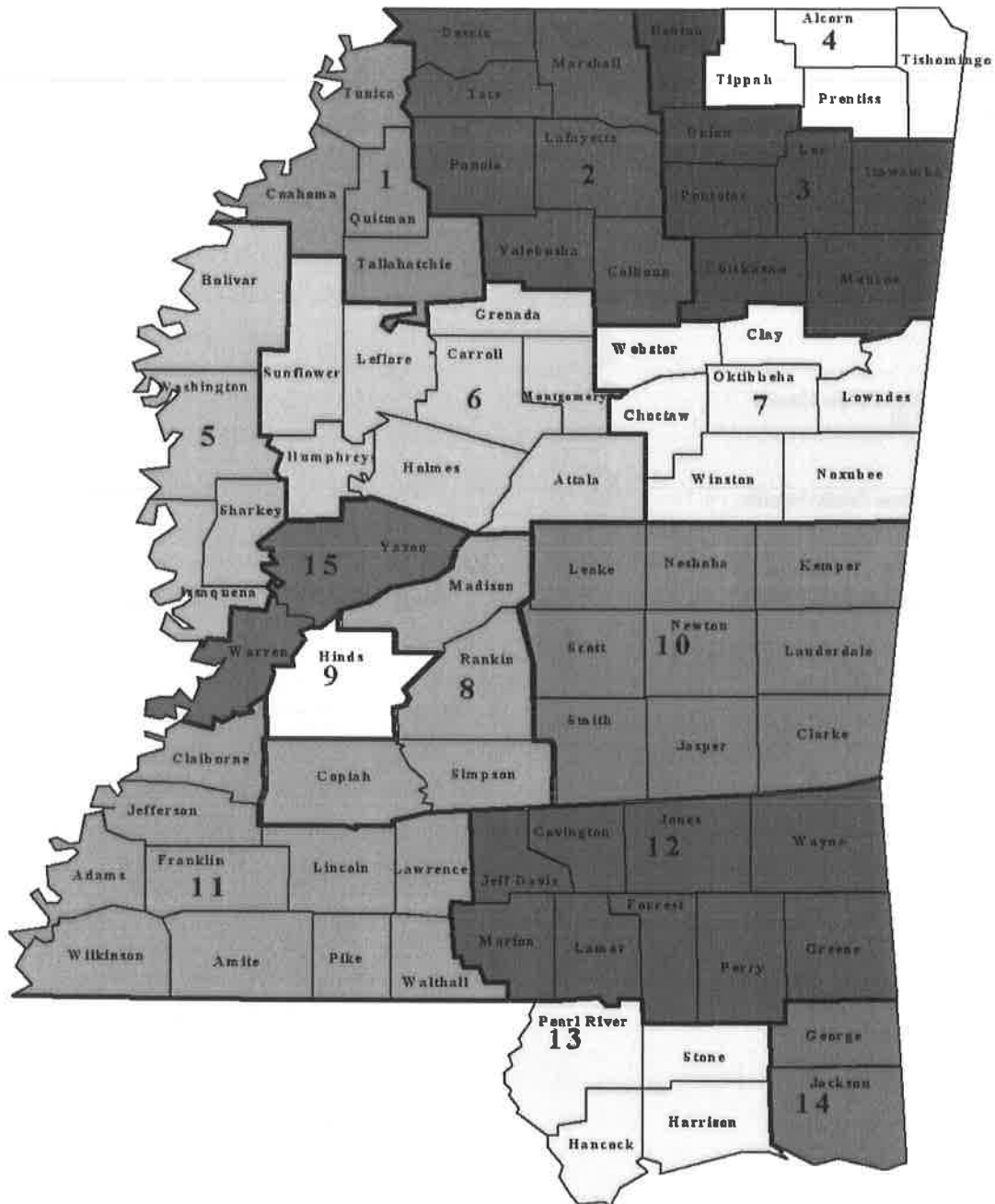
Forrest County Emergency Support Function #8- Public Health and Medical Services
Annex

Appendix 1

Mississippi State Department of Health Public Health Districts Map

**Coastal Plains Public Health
District IX**

Mississippi State Department of Mental Health Regional Offices Map



Appendix 3

Medical Resources and Contact List

Forrest County Emergency Support Function #8- Public Health and Medical Services
Annex

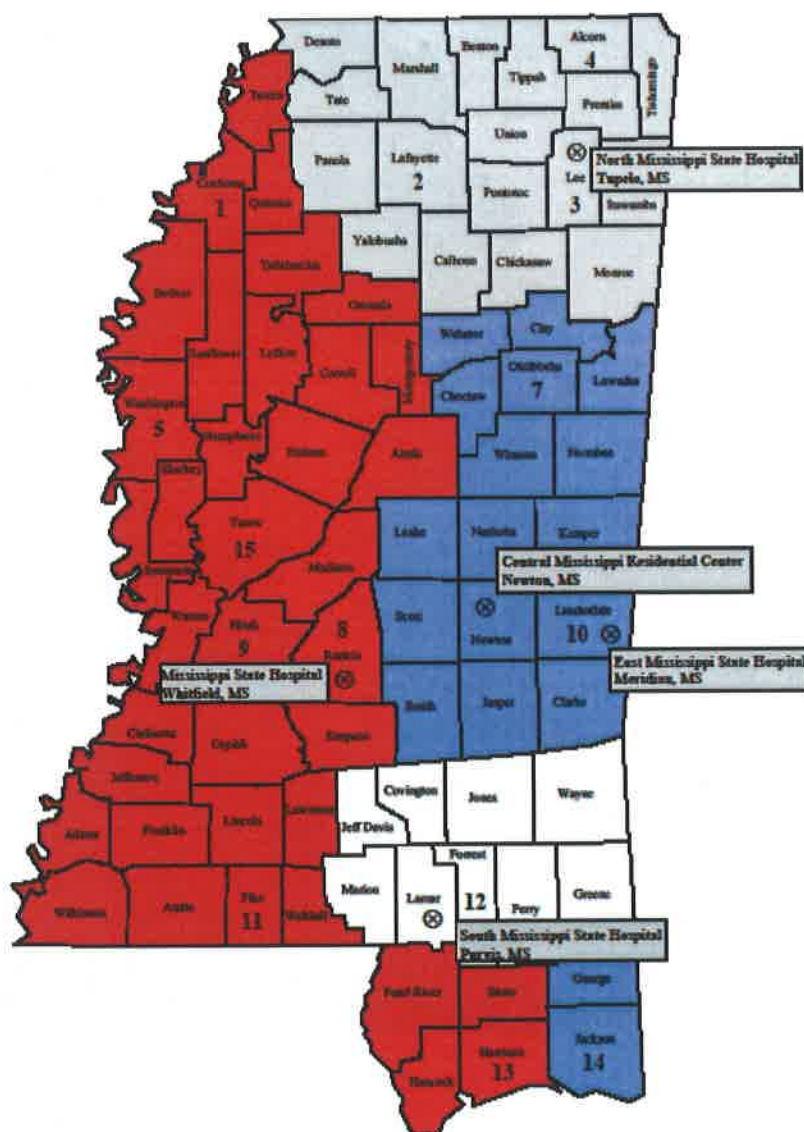
Forrest County Medical Facilities				
Hospitals				
Name of Facility	Contact	Number	Address	email
Forrest Gen. Hosp	Wayne Landers	601-288-1010	6051 Hwy 49, P.O. Box 16389	WLanders@forrestgeneral.com
Regency Hospital	Kimberly Bradley	601-288-8559	6051 US Hwy 49 S. 5th Floor	KSBBradley@regencyhospital.com
Long Term Care				
Bedford - Alzheimer's	Pamela Kelly	601-544-5300	300-B Cahal Street Hattiesburg, MS 39401	pkelly@bedfordcc.com
Bedford -Hattiesburg	Carl Young Kelly Buxton	601-264-3709	10 Medical Blvd Hattiesburg, MS 39401	cyoung@bedfordcc.com kbuxton@bedfordcc.com
Bedford - Monroe Hall	Robert Perry	601-582-9157	300 Cahal St. Hattiesburg, MS 39401	rperry@bedfordcc.com
Bedford -Petal	Linda Woodall	601-544-7441	900 S. George St. Petal, MS 39465	lcwoodall@bedfordcc.com
H'burg Health & Rehab	Cherry Jones	601-544-4230	514 Bay St Hattiesburg, MS 39401	cjonesadmin@megagate.com
Home Health				
Camellia Home Health	Kathy Barrentine	601-268-0408	133 Mayfair Rd/P.O. Box 1956	kathyb@camelliahealth.com
Forrest General H H	Steve Eick Barbara White	601-288-2500	1414 S. 28th Ave. Hattiesburg, MS 39402	seick@forrestgeneral.com bwhite@forrestgeneral.com
MS Home Care - H'burg	Marsha Smith	601-296-7653	710 S. 28th Ave. Ste A Hattiesburg, MS 39402	marsha.smith@lhgroup.com
Hospice				
Camellia Hospice	Kathy Barrentine	601-268-0408	133 Mayfair Rd/P.O. Box 1956	kathyb@camelliahealth.com
Compassus	Gerry Richards	601-705-0360	811 Rebecca Ave. Hattiesburg, MS 39401	gerry.richards@compassus.com
Deaconess Hospice	Deborah Johnson	601-268-1842	710 S. 28th Ave. Hattiesburg, MS 39402	deborah.johnson@lhgroup.com
Forrest Gen. HH/Hos	Steve Eick Barbara White	601-288-2500	1414 S. 28th Ave. Hattiesburg, MS 39402	seick@forrestgeneral.com bwhite@forrestgeneral.com
Halgon Hospice	Donna Freeman	601-336-5832	710 S. 28th Ave. Ste C Hattiesburg, MS 39402	
Home Care Hospice So	Angela Davis	601-909-6105	100 Walnut Circle Ste 110 Hattiesburg, MS 39401	adavis@hchospice.com
Southern Care Hospice	Connie Williamso	601-579-9493	4700 Hardy St. Ste Y Hattiesburg, MS 39402	connie.williamson@southerncare.co
St Joseph's Hospice	Mark Crowson	601-261-2515	105 Asburg Cr Ste C Condo 1	mcrowson@stjosephhospice.com
Personal Care/Assisted Living Facilities				
Alden Point	Kathy McPhail	601-296-9711	2 Courtland Dr Hattiesburg, MS 39401	kmcpfail@aol.com
Brookdale Hattiesburg One	Michele Archer	601-271-2177	103 Fox Chase Hattiesburg, MS 39401	michele.archer@brookdale.com
Brookdale Hattiesburg Two	Roberta Gill	601-271-8480	107 Fox Chase Hattiesburg, MS 39401	roberta.gill@brookdale.com
Country Comfort	JoAnne Rushing	601-545-7603	330 Pop Runnels Rd Petal, MS 39465	dogerushing@bellsouth.net
Friends PCH	Barbara Friend	601-545-9545	367 Corinth Church Rd. Petal, MS 39465	barbarafriend2003@yahoo.com
The Claiborne Asst. Living	Victor Robinson	601-909-2385	200 Whispering Pines Hattiesburg, MS 39401	victor.robinson@theclaiborne.com
Outpatient				
Hattiesburg Clinic Amb Surg Center	Terrie Dean	601-579-5075	415 S. 28th Ave. Hattiesburg, MS 39401	terrie.dean@hattiesburgclinic.com
Lowery A Woodall Outpatient Surgery	Karen Smith	601-579-3400	105 S. 28th Ave. Hattiesburg, MS 39401	
Southern Eye Phicians Ctr	June Rogers	601-705-0078	1420 S. 28th Ave. Hattiesburg, MS 39401	
Pedia Trust, LLC	LeAnn Craig		401 S. 40th St. Hattiesburg, MS 39402	

Forrest County Emergency Support Function #8- Public Health and Medical Services
Annex

Appendix 4

State Operated Psychiatric Facilities

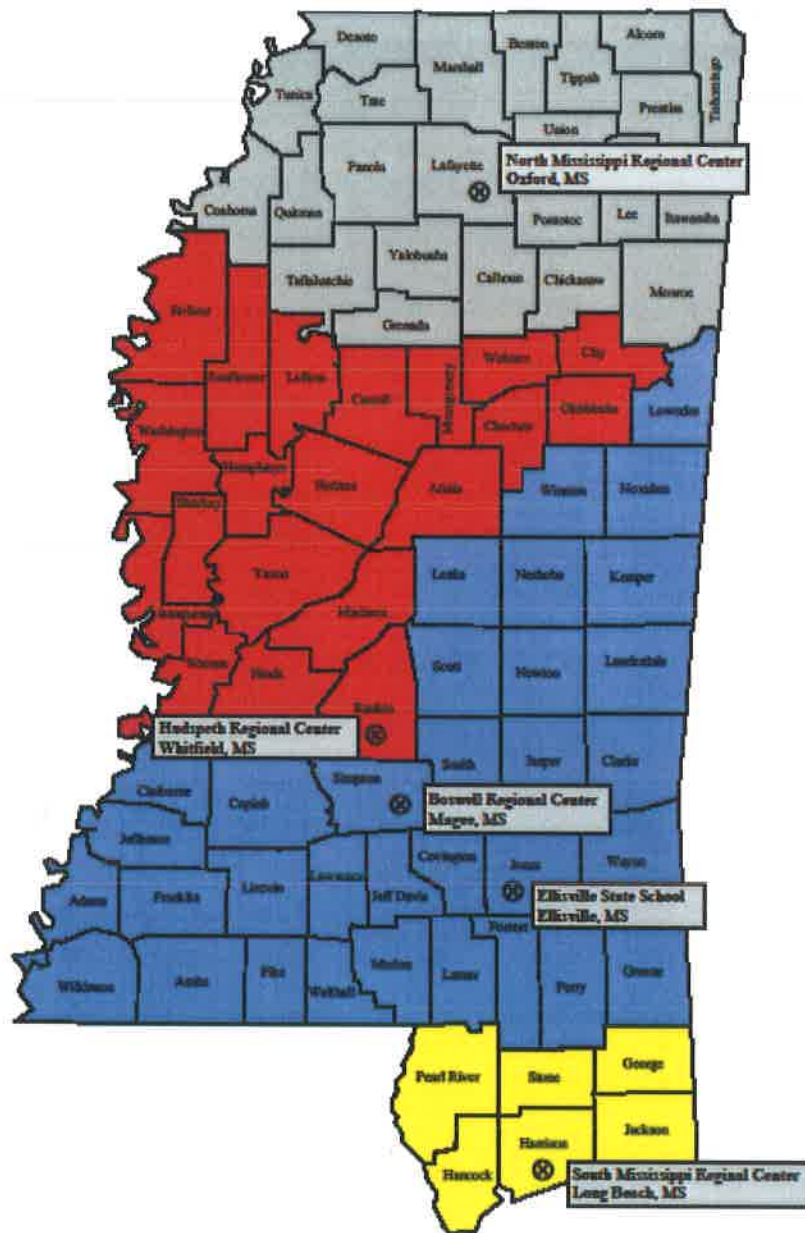
Forrest County Emergency Support Function #8- Public Health and Medical Services Annex



Appendix 5

State Facilities for persons with mental retardation/developmental disabilities

Forrest County Emergency Support Function #8- Public Health and Medical Services
Annex



Forrest County Emergency Support Function #9 – Search and Rescue Annex

ESF #9 Coordinator

Forrest County Sheriff's Department

Forrest County Primary Agencies

Forrest County Sheriff's Department
Hattiesburg & Petal Police Department
Forrest County Fire Services
Hattiesburg & Petal Fire Services
Forrest County Emergency Management

Forrest County Support Agencies

AAA Ambulance Services
AAA Rescue 7 Air Ambulance
Civil Air Patrol
Local Ground/Air Emergency
Transportation Service

State ESF Coordinator

Mississippi Department of Public
Safety/Mississippi Highway Safety
Patrol Division

State Primary Agencies

Mississippi Emergency Management
Agency (MEMA)
Mississippi Military Department (MMD)
Mississippi Forestry Commission
Mississippi Department of Insurance
Mississippi Department of Wildlife,
Fisheries and Parks

State Support Agencies

Mississippi Emergency Management
Agency (MEMA)
Civil Air Patrol
Mississippi Department of Corrections
Mississippi Bureau of Narcotics
State Fire Academy
Mississippi Office of Homeland Security

Introduction

Purpose

The purpose of this Emergency Support Function (ESF) is to frame organizational responsibilities and concepts for conducting search and rescue (SAR) operations. The key to any SAR effort is timely response, organization, flexibility, and cooperation among the various agencies involved. It also carries the role and responsibilities of local agencies in coordinating personnel, equipment, and other resources to assist in their search and rescue efforts.

Scope

- If an emergency or major disaster occurs that overwhelms local resources, ESF #9 of the Mississippi Comprehensive Emergency Management Plan (CEMP) will be activated to provide assistance in accordance with the Emergency Management Law, MS Code Ann. § 33-15 (1972). Additional support, as needed, will be obtained through the Statewide Mutual Aid Compact (SMAC) or the Emergency Management Assistance Compact (EMAC). In extreme events, the state may request the activation of one or more federal assets for missions within Mississippi.
- Urban Search and Rescue (USAR) includes, but is not limited to locating, extracting, and providing immediate emergency medical assistance to victims trapped in a collapsed structure. USAR is a highly technical field, requiring specialized equipment and training to such a degree that an event requiring USAR will almost automatically exceed local response capabilities and trigger deployment of one or more of Mississippi's Statewide Technical Advance Rescue (STAR) Teams and/or federal assistance.

Forrest County Emergency Support Function #9 – Search and Rescue Annex

- Overland Search and Rescue (OSAR) may consist of a vacant structure, non-urban, and wilderness search and rescue activities which include, but not limited to emergency incidents that involve locating downed aircraft and missing persons, extraction, and treating any victim upon rescue. The vast majority of these incidents are handled by local resources without the need for state assistance.
- Waterborne Search and Rescue consist of searching navigable water ways, lakes, and swamps for overdue boats, ships, personal water craft, swimmers, kayakers, etc. Waterborne Search and Rescue are primarily conducted by water craft and aircraft.
- Aeronautical Search and Rescue consists of searches of non-urban and wilderness areas that involve locating downed aircraft, extraction, and treatment of victims. Searches are conducted with ground and air assets with alerts and data provided by the Air Force Rescue & Coordination Center and the Federal Aviation Administration (FAA).
- Swift-water Rescue is a technical rescue specialty that consists of rescuing stranded and/or trapped victims from water that is moving at speeds in excess of 1.5 kts. Swift-water operations can be conducted from the ground, with boats, and/or aerial assets. Mississippi STAR Teams are trained and equipped to conduct swift-water rescue.

Relationship to Whole Community

This section describes how ESF #9 relates to other elements of the whole community.

Local, State, Tribal Territorial, and Area Governments

- Local, state, tribal, and area government is responsible for SAR within their respective jurisdictions and typically designates a SAR coordinator to provide integration and coordination of all SAR services.
- If an affected local, state, tribal, or area government publishes guidance or a plan for conducting unified SAR operations, that guidance or plan takes precedence.
- County-to-County SAR assistance is requested by the affected county through the State Mutual Aid Compact (SMAC). Non-County SAR resources are, as appropriate, incorporated into any coordinated SAR operations.

Core Capabilities and Actions

ESF Roles Aligned to Core Capabilities

The following table lists the Response core capability that ESF #9 most directly supports along with the related ESF #9 actions. Though not listed in the table, all ESF's, including ESF #9, support the core capabilities of Planning, Operational Coordination and Public Information and Warning.

Forrest County Emergency Support Function #9 – Search and Rescue Annex

The actions listed beside each core capability in this table apply to local, state, tribal, federal and NGOs.

Core Capabilities	ESF #9- Search and Rescue
Mass Search and Rescue Operations	• ESF #9 is activated when an incident is anticipated or occurs that may result in a request for a unified SAR response to an affected area. • Federal SAR responders assist and support local, state, tribal, territorial, and insular area SAR capabilities in incidents requiring a coordinated Federal response. No provision of this annex is to be construed as an obstruction to prompt and effective action by any agency to assist persons in distress. • The ESF #9 response is scalable to meet the specific needs of each incident, based upon the nature and magnitude of the event, the suddenness of onset, and the capability of local SAR resources. Response resources are drawn from ESF #9 primary and support agencies. • ESF #9 SAR operations are conducted following the National Response Framework (NRF) and National Search and Rescue Plan (NSP), U.S. National SAR Supplement (NSS), Catastrophic Incident SAR (CISAR) Addendum, and other addenda that define SAR responsibilities and provide guidance to the Federal departments and agencies with civil SAR mandates. ○ National Search and Rescue Plan (NSP): The NSP is the policy guidance of the signatory Federal departments and agencies for coordinating SAR services to meet domestic needs and international commitments. ○ National SAR Supplement (NSS): This document provides implementation guidance on the International Aeronautical and Maritime Search and Rescue Manual and the NSP. ○ Catastrophic Incident SAR (CISAR) Addendum to the NSS: This document provides a description of the unified SAR response to catastrophic incidents, guides Federal authorities involved in the response, and informs local, state, tribal, territorial, and insular area authorities on what to expect of/from Federal SAR responders. • ESF #9 may operate under the Economy Act I when there is no Stafford Act declaration. • For every incident, the ESF #9 coordinator assesses the specific SAR requirements and assigns one of the four primary agencies as the overall primary agency for SAR for that particular incident. Designation is dependent upon incident circumstances and the type of response required. • When assigned as the overall primary agency for a particular incident, that organization conducts the following actions: ○ Coordinates planning and operations between primary and support agencies. ○ Coordinates resolution of conflicting operational demands

Forrest County Emergency Support Function #9 – Search and Rescue Annex

	- for SAR response resources. ○ Provides representation to appropriate incident facilities (i.e., National Response Coordination Center [NRCC], Regional Response Coordination Center, Joint Field Office [JFO], emergency operations centers [EOCs]). ● All ESF #9 primary agencies provide support to the designated overall primary agency as required.
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Policies

- If SAR operations overextend the resources and capabilities of the state, then search and rescue resources from other states may be requested through the Emergency Management Assistance Compact (EMAC). All requests for EMAC assistance will be processed and tracked through the Mississippi Emergency Management Agency (MEMA). Any SAR assets brought into Mississippi under an EMAC shall fall under the operational control of the Mississippi ESF #9 to augment state SAR assets.
- SAR planning and operations will be consistent with the Incident Action Plan (IAP) established by the IC.
- All agencies will operate within the identified ICS structure established by the local IC and/or the SAR Leader. Each supporting agency will maintain administrative command and control of their own resources and any others assigned to them.
- The local Incident Commander (IC) will maintain overall command and control of the incident within their respective jurisdiction(s). Any state or federal SAR assets activated to assist will be under the operational control of the Mississippi STAR Team Lead who is the designated SAR Leader for the deployed assets in the jurisdiction(s) for the mission assignment to the local IC or his designee. As the lead state coordinators responsible for search and rescue, MFCA and MEMA will establish a SAR Leader and Group Supervisors as needed dependent upon the mission assigned. These personnel will operate within the Operations Section of the recognized and established Incident Command System (ICS) within the jurisdiction of operation. All state and federal SAR agencies will operate under the operational control of the ESF #9 coordinators appointed by the MFCA & MEMA, unless a delegation of authority is given during an incident.
- The search for, and recovery of, human bodies will be conducted only after the rescue of survivors has been completed and the environment will allow for safe operation by SAR personnel.
- The National Incident Management System principles, in conjunction with the Incident Command System principles are the on-scene methods for SAR operations in the county. Request for additional resources including special skills, expertise, or equipment are coordinated through the 911 Dispatch Center, or in large operations, by the Emergency Operations Center (EOC), when activated.

Forrest County Emergency Support Function #9 – Search and Rescue Annex

Mutual Aid

Statewide Mutual Aid Compact (SMAC): If the county SAR operations overextend the resources and capabilities, a request can be made to participant counties for personnel, search and rescue dogs/teams, equipment, etc.

Emergency Management Assistance Compact (EMAC): If the SAR operations overextend the resources and capabilities of the county, a request to Mississippi Emergency Management Agency will be submitted for search and rescue resources from States participating in the EMAC.

Concept of Operations

Assumptions

- The state SAR Response System assists and augments county and municipal search and rescue capabilities. Statewide Mutual Aid Compact (SMAC) may be utilized if SAR operations overextend the resources and capabilities of local government officials. Requests can be made to participant counties for personnel, search and rescue dogs/teams, equipment etc. Requests for assistance from one of Mississippi's STAR Teams (MS START) must be made through the State Emergency Operations Center (SEOC).
- At no time will Forrest County local assets be considered state or federal assets. Under the National Response Framework (NRF), federal USAR task forces are federal assets in accordance with the Robert T. Stafford Disaster Relief and Emergency Assistance Act and other applicable authorities. Federal SAR assets deployed within Mississippi shall fall under the operational control of Mississippi ESF #9 to augment state SAR assets.
- Mississippi Military Department (MMD) personnel can assist with SAR; but before they can assist under the Immediate Response Authority which allows them to be utilized if life, limb - or eyesight is at stake. Soldiers or Airmen must be already in a duty status before Immediate Response Authority may be used, otherwise they must be put on State Active Duty (SAD) by Executive Order of the governor. *(This request must be made through the Forrest County EMA Director to MEMA and from MEMA to the Mississippi Military Department).*
- The ability of the State of Mississippi to effectively provide the requested assistance is contingent upon the Mississippi Fire Chief's Association and the Mississippi Emergency Management Agency's (MFCA & MEMA) capability to identify and request the appropriate state and/or federal agencies to support the search and rescue efforts. It is also contingent upon the effective planning, coordination and management of those search and rescue resources.
- All state and federal agencies responsible for supporting ESF #9 will communicate resource capability to the ESF #9 coordinators at the SEOC. The ESF #9 coordinators will direct needed assets to proceed to the forward SAR Base of Operations to check-in with the SAR Leader. The location of the initial forward SAR Base of Operations and initial staging area for all incoming SAR assets will be established by the state SAR Coordinator and communicated via the deployment order. When possible, state SAR response assets will be pre-deployed to a designated area(s) or a staging area within 60 minutes of the Mississippi Gulf Coast 24 hours prior to an expected hurricane landfall.

Forrest County Emergency Support Function #9 – Search and Rescue Annex

- It is assumed that an incident severe enough to trigger a Defense Support of Civil Authorities (DSCA) response may occur with little (notice) to no warning (no notice). If/when this occurs the Secretary of Defense will approve civilian agency requests for DSCA and Department of Defense (DOD) will respond under the current policies and procedures. At the request of civil authorities, DOD forces may respond to the DSCA incident under immediate response authority. If those forces remain at the incident site, they will fall under US NORTHCOM command and control. Title 10 military personnel shall not be employed to enforce or execute civil law in violation of United States Code, Title 18, Section 1385 (Posse Comitatus Act), except as otherwise provided by law. Under extraordinary circumstances, the President may direct DOD to lead the federal response.
- National Guard forces will be involved in nearly all DSCA operations. Normally, National Guard forces deployed to the affected state or in response to an EMAC request will operate under the control of state authorities.

General

- Forrest County fire and law enforcement organizations provide 24-hour coverage regarding fire safety and law enforcement. Also, both services maintain equipment and manpower in a continuous state of readiness for search and rescue missions. In addition, selected department personnel are trained in specialized skills such as Emergency Medical Technician (EMT), advanced first aid, and extrication procure.
- The day-to-day rescue capability will be augmented during natural disasters to the extent necessary to eliminate the problems at hand. The operation may induce mobilizing medical personnel, building, trades engineering services, heavy equipment operation, the heavy-duty rescue squad, mutual-aid and military support.
- By law, the search for missing persons or the establishment of search and rescue missions is the responsibility of the Forrest County Sheriff. The Sheriff may serve as Incident Commander (IC) or he may appoint an IC and assign SAR personnel.
- The Sheriff's Department will notify The Emergency Management and other support agencies when ESF #9, Search and Rescue is activated.
- Initial SAR requirements, whether urban or rural, will be coordinated by Forrest County EOC. However management of the SAR operation may transition from the SO or EOC to a forward on-scene Search Mission Base.
- All agencies with ESF #9 responsibilities will ensure that they have SOPs in place, to enable them to perform appropriate levels of search and rescue mitigation, preparedness, response and recovery.
- If county emergency search and rescue resources have either been exhausted or are expected to be exhausted prior to meeting the demand, county officials will recommend that assistance be requested through Statewide Mutual Aid Compact (SMAC) from other counties or from other states through the Emergency Management Assistance Compact (EMAC).

Forrest County Emergency Support Function #9 – Search and Rescue Annex

Organization

Administrative and Logistical

All participating ESF # 9 agencies are expected to:

- Coordinate their support with ESF # 9.
- Attend and support briefings and other coordination meetings, whether at the EOC or elsewhere.
- Maintain operational logs, messages, requests, and other appropriate documentation for future reference.
- Maintain their maps, displays, status reports, and other information not included in the ESF #5 operations.
- All agencies supporting ESF # 9 will receive primary administrative support from their parent organization with additional support from Forrest County EMA as needed.
- All ESF # 9 agencies which have automated financial management systems will utilize those systems to capture incurred costs of all available, acquired, and contracted resources used during the support activities related to emergency or major disaster operations. Those agencies not having access to an automated system will utilize their existing system to capture all related costs for reporting and potential reimbursement.
- All ESF # 9 agencies should ensure that their financial management system, automated or otherwise, is used to capture their incurred costs during an emergency, major disaster, or exercise and must be in compliance with applicable agency, state, and federal guidelines, rules, standards, and laws. This understanding is based on the knowledge that any reimbursement of incurred costs is subject to audit.

Forrest County EOC

- Forrest County Emergency Management Agency will coordinate organize, train, equip, and employ Local SAR teams and resources, conduct periodic testing of capabilities, and are prepared to coordinate efforts with State and Federal SAR assistance teams.

ESF #9 Support

- Command structure is based in NIMS ICS
- Establish effective communications with both county and SMAC teams.

Actions

Preparedness

- Rescue squads, first responders (Fire Services/basic medical) and EMTs are trained on a regular basis in rescue skills and techniques.

Forrest County Emergency Support Function #9 – Search and Rescue Annex

- Rescue equipment is kept under a constant schedule of testing, maintenance, and repair.
- Response plans are revised at regular intervals and updated accordingly.

Pre-Incident

- The Forrest County Sheriff's Department will exercise the call down list of all support agencies.
- The Sheriff's Department will notify The Emergency Management District when any mission assignment is required within the county and advise if additional assistance is needed.
- The Emergency Management District will notify other support agencies and MEMA when ESF #9, Search and Rescue are activated.
- The Forrest County Sheriff's Department will make sure all County SAR teams are equipped, and have the manpower to carry out the missions.

Incident

- Upon notification by The Emergency Management District of a potential or actual event requiring response, all designated ESF #9 representatives will report to the Forrest County EOC or Designated Staging area.
- Initial SAR requirements, will be conducted from the EOC. However, management of the SAR operation may transition from the EOC to a forward command post.
- When needed, the Sheriff's Department can request the Air Force Rescue Coordination Center (AFRCC) to activate the Civil Air Patrol (CAP) to assign missions, and notifies the Forrest County Emergency Management Agency.
- The Sheriff's Department will also maintain a close consultation with The Emergency Management District in order to ensure awareness for potential State ESF #9 mobilization, if required.

Recovery

- Initiate return when mission completed
- Inventory and replace losses
- Secure and return to normal duty

Forrest County Emergency Support Function #9 – Search and Rescue Annex

Post-Incident

- The SAR coordinator will close consultation with the EOC and the team leaders and will determine when to begin demobilization of SAR forces. This decision will include plans for the demob, accountability of personnel, and check-in points for those personnel.
- The SAR coordinator will provide for counseling for personnel who feel that they need it before returning home.
- Prepare an after action report to outline issues, problems, lessons learned and any recommended solutions.

Responsibilities

Forrest County Sheriff's Department

- Direction and control of the total rescue force is the primary responsibility of the Forrest County Sheriff. The Sheriff will designate a Rescue Officer.
- Responsible for coordinating the search mission.
- Other Agencies are responsible for communicating all information back to the Sheriff's Department or EOC.
- Responsible for making sure that emergency first aid and medical triage are available for those found, and that any injured persons are transported to medical facilities for continued treatment.
- Coordinate with all designated search teams to update inventory of resources and roster of personnel.
- Coordinate transportation for deployed search and rescue teams.

Forrest County Fire Services

- Provide communications support for SAR and USAR operations.
- Provide ground and water SAR support.
- Provide firefighting personnel to locate, rescue and offer emergency assistance to persons in urban and rural areas.
- Establish and maintain base camp operations in support of USAR and SAR.

Forrest County Emergency Support Function #9 – Search and Rescue Annex

Forrest County EMA / EOC

- The Emergency Management District will coordinate organize, train, equip, and employ Local SAR teams and resources, conduct periodic testing of capabilities, and are prepared to coordinate efforts with State and Federal SAR assistance teams.
- Coordinate with the Sheriff's Office to allocate any resources or personnel requests to search mission.
- Make a formal request to MEMA for back-up assistance (CAP), if necessary.
- Coordinate volunteer services.
- Coordinate and request search and rescue resources from MCDEMA.

Support Agencies Responsibilities

Agency	Functions
Civil Air Patrol	• Assist in the search and rescue mission by providing fly-over missions. • Provide aerial search and rescue support. • Provide ground teams to support search and rescue operations. • Provide communications support to search and rescue mission in the field. • Assist in the transportation of search and rescue assets, equipment, and personnel.
Law Enforcement (County / City)	• Support all search and rescue missions as needed (i.e., communications, equipment, manpower, etc.) based on requirements by ESF #9 lead. • Cities will retain control over the search and rescue incident in their incorporated areas and will request assistance deemed necessary to complete the mission.
Forrest General Hospital	• Furnish trained personnel and equipment to administer advanced medical life support. • Assist trauma victims that are not in need of advanced life support. They will be managed and transported in the usual fashion; those that are determined to be in need will be moved by the most expedient method of transport to provide life support service which may consist of helicopter, boat, or a combination of the two.
AAA Ambulance Service	• Provides Air/ground patrol for rescue when needed on a local basic.

Forrest County Emergency Support Function #9 – Search and Rescue Annex

ESF Review and Maintenance

It is the responsibility of the Forrest County Sheriff's Department to coordinate with all support agencies in the review of this ESF annex annually, and to submit changes to the Forrest County Emergency Management Director for approval, publication, and distribution. Major support will be provided by the fire service, the law enforcement service, and the EMS service.

Appendices

Appendix -1 Search and Rescue Resources

ORGANIZATION	ADDRESS	POC	PHONE	RESOURCES

Forrest County Emergency Support Function #10- Oil and Hazardous Material Response Annex

ESF # 10 Coordinator

Hattiesburg Hazmat Team
Forrest County Emergency Management

Mississippi Department of Health

Forrest County Primary Agencies

Hattiesburg Fire Department
Petal Fire Department
Forrest County Fire Services
Forrest County Emergency Management

State Support Agencies

Mississippi Emergency Management Agency
Mississippi Department of Agriculture and Commerce
Mississippi Cooperative Extension Service
Mississippi State Fire Academy
Mississippi State Fire Marshall
Mississippi Department of Health
Mississippi Department of Marine Resources
Mississippi Military Department
Mississippi Oil and Gas Board
Mississippi Department of Public Safety- Highway Safety Patrol
Mississippi Public Service Commission
Mississippi Department of Transportation
University of Mississippi Medical Center
Mississippi Department of Insurance
Mississippi Department of Mental Health

Forrest County Support Agencies

Forrest County Sheriff's Office
Hattiesburg Police Department
Petal Police Department
AAA Ambulance Service
MSDH District Eight
Public Works and Engineering
District Supervisors and Mayors

Forrest County Non-Governmental Organizations

Forrest County Local Emergency Planning Committee (LEPC)

State Non-governmental Organizations

Emergency Response Contractors

State ESF Coordinator

Mississippi Department of Environmental Quality

State Private Sector Partners

Canadian National Rail Road
Kansas City Southern Rail Road
U.S. Environmental Services
Mutual-Aid Group

State Primary Agencies

Mississippi Department of Environmental Quality

Introduction

Purpose

The purpose of this Emergency Support Function (ESF) is to provide a detailed plan to the citizens of Forrest County for response to an actual or potential unplanned discharge or release of hazardous materials following catastrophic disasters, industrial accidents, transportation incidents, or other major events.

Forrest County Emergency Support Function #10- Oil and Hazardous Material Response Annex

Scope

This section of the plan is to be used to respond to incidents within the county's capabilities. It is also used when Forrest County's capabilities are exceeded and State and Federal government response is requested.

If the mobilization of State ESF#10 is required, the Mississippi Department of Environmental Quality is the Coordinating agency. When Federal ESF #10 is required, the U.S. Environmental Protection Agency (EPA) is the primary agency in the inland zone. All requests for this assistance will be submitted thru the Forrest County Emergency Management to MEMA.

Relationship to Whole Community

This section describes how the Federal ESF relates to other elements of the whole community.

Local, State, Tribal, and Area Governments

Local and tribal government fire departments generally provide the first response to oil and hazardous materials incidents. State and territorial governments may have environmental response programs that supplement local governments for larger-scale or more complex responses.

Each of the Regional Response Teams (RRTs) includes a representative of each state and territory within the region covered by the RRT. Tribes may also provide a representative to RRTs.

When activated to respond to a Stafford Act incident, the primary agencies for ESF #10 develop work priorities in coordination with local, state, tribal, territorial, and area governments and coordinate activities with them as appropriate at the Incident Command Post (ICP), Joint Field Office (JFO), and local/state Emergency Operation Centers (EOCs).

Private Sector/Nongovernmental Organizations

The private sector owns many of the facilities that manufacture, use, and manage oil and hazardous materials. Under the National Contingency Plan (NCP) the parties responsible for oil discharges and hazardous substance releases must clean them up or reimburse the government for the response. (The Comprehensive Environmental Response Compensation, and Liability Act (CERCLA) and Clean Water Act (CWA) Oil Pollution Act / (OPA) provide certain defenses to liability.)

The Environmental Protection Agency (EPA) and Department of Homeland Security (DHS) United States Coast Guard (/USCG) Operations Support Center (OSCs) employ private contractor resources to assist in conducting Federal response actions. Other parties responsible for cleaning up releases may also hire private contractors to perform the work.

Due to the hazardous nature of the work, public volunteers are not normally used in oil and hazardous materials response. However, in extraordinary situations, they may be used to assist in less hazardous support functions. Some nongovernmental organizations may also contribute specific skills, such as wildlife recovery and rehabilitation.

Forrest County Emergency Support Function #10- Oil and Hazardous Material Response Annex

Core Capabilities and Actions

ESF #10 provides for a coordinated response to actual or potential oil and hazardous materials incidents when activated for Stafford Act incidents. ESF #10 responses to oil and hazardous materials incidents are generally carried out in accordance with the County Fire Services and Mississippi Department of Environmental Quality (MDEQ) policies and procedures. Response structures and coordination mechanisms remain in place but coordinate with NRF mechanisms. Forrest County Fire Services respond at the on-site tactical level. Forrest County Fire Services provides representatives to the County EOC.

ESF Roles Aligned to Core Capabilities

The following table lists the Response core capabilities that ESF #10 most directly supports, along with the particular ESF #10 roles related to these core capabilities. In addition, all ESFs, including ESF #10, support the core capabilities of Planning and Operational Coordination.

The actions listed beside each core capability in this table apply to local, state, tribal, federal and NGOs.

Core Capability	ESF #10 – Oil and Hazardous Material Response
Environmental Response/Health and Safety	• Conduct actions to detect and assess the nature and extent of oil and hazardous material releases. • Take actions as appropriate to stabilize the release and prevent the spread of contamination; conduct environmental clean-up actions and decontaminate buildings and structures; and manage waste. • Follow applicable health and safety requirements for ESF #10 responders and coordinate, as needed, with Worker Health and Safety Support Annex response activities.
Critical Transportation	• For incidents where transportation infrastructure or routes are contaminated by oil or hazardous material: Help to identify safe evacuation and ingress routes; assess the nature and extent of contamination; and clean up and/or decontaminate infrastructure and routes. • For incidents involving a blast or explosion associated with a chemical, biological, or nuclear (CBRN) threat agent resulting in a contaminated debris field: ESF #3 leads local actions to clear transportation routes of CBRN-contaminated debris during the emergency phase, in consultation with ESF#10. ESF #10 assumes leadership for management of CBRN-contaminated debris after the emergency phase is over.
Infrastructure System	• For incidents where infrastructure is contaminated by oil or hazardous material: Assess the nature and extent of contamination and clean up and/or decontaminate infrastructure.
Public Information and Warning	• Provide the technical expertise to support the preparation of Federal public information related to the environmental response in support of ESF #15.

Forrest County Emergency Support Function #10- Oil and Hazardous Material Response Annex

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| | <ul style="list-style-type: none">• It is recognized, however, that, in some cases, it may be necessary for responding EPA and DHS/USCG OSCs to communicate with the media/public on tactical operations and matters affecting public health and safety directly from the scene, particularly during the early stages of the emergency response. |
|--|--|

Policies

Management of HazMat incidents should follow the concepts of the Incident Command System (ICS). The majority of actions taken as HazMat incident should be defensive in nature and should be within the capabilities of personnel on-scene.

The Forrest County Fire Services is the primary vehicle for coordinating county activities under ESF # 10. The Mississippi Department of Environmental Quality, (MDEQ), is the primary agency for coordinating State agency activities under ESF #10. MDEQ carries out State planning and response coordination for oil and hazardous materials incidents, and works in coordination with the Emergency Support Function Coordinator regarding ESF #10 preparedness with other ESF elements.

Forrest County Fire Services in coordination with MDEQ carries out the ESF #10 responsibilities under the Forrest County CEMP to coordinate, integrate, and manage overall efforts to detect, identify, contain, clean up, dispose of, or minimize releases of oil or hazardous materials, or prevent, mitigate, or minimize the threat of potential releases.

Concept of Operations

Assumptions

- Releases of hazardous materials and related problems may be the primary event or may be the secondary result of a prior event such as a major storm, earthquake, hurricane, act of terrorism, transportation disruption, or other mishap.
- Improper handling of hazardous materials during transporting, manufacturing, packaging, or storing can transform what could have been a single event into a massive chain reaction with harmful consequences.
- Continued development of the transportation network and industrialization within the state and local areas leave few areas to be considered risk free from hazardous materials accidents.
- The population at risk from a single incident generally would be limited to areas located at least one mile from the incident site.
- Although hazardous material accidents cannot be eliminated, the risk of serious accidents can be reduced through training, education, incentives, and awareness. Appropriate mitigation and preparedness activities improve the ability of emergency management personnel to respond to such incidents.

Forrest County Emergency Support Function #10- Oil and Hazardous Material Response Annex

- The first responder to an incident will be properly informed, trained, and equipped to effectively assess the situation and communicate needs rapidly.
- The resources of local, State, and Federal governments, separately or in combination with those of industry and other private/semi-private sources, will be utilized to the maximum extent possible to eliminate, reduce, or remove the hazard.

General

- It is assumed the person discovering the spill or release will make the initial notification. If notification is made through the 911 communication system, the dispatcher will alert the Fire Department with jurisdictional oversight.
- The basic framework for response management activities covered under this plan will be the nationally recognized Incident Command System. Ultimately the senior fire services individual with the responding fire department will assume the responsibility as Incident Commander.
- The Incident Commander is responsible for assessing the hazard and determining the classification of each incident. The classification of any incident may be up or downgraded as deemed necessary. Local factors must be given careful consideration in classifying an incident and implementing appropriate response actions.
- The factors that should be considered include, but are not necessarily limited to:
 - types and quantities of oil or hazardous materials involved;
 - wind direction and speed (if there is a potential for an atmospheric release);
 - local drainage characteristics (if there is a potential for a liquid release);
 - Potential population effects (proximity of residences, businesses, etc.);
 - proximity of sensitive environmental areas such as potable water supplies, navigable waterways, wetlands, etc.;
 - transportation and evacuation networks and impediments (road, rail, water);
 - Location and availability of response resources.
- If county resources have either been exhausted or are expected to be exhausted prior to meeting the demand, county officials will recommend that assistance be requested through the Statewide Mutual Aid Compact (SMAC) from other counties or from other states through the Emergency Management Assistance Compact (EMAC).
- If an incident involves, or is suspected of involving hazardous materials, personnel shall not enter the area without proper protective equipment. If in doubt about the identity of any materials involved, the Incident Commander shall assume that the material is hazardous and take all precautions to protect human health and the environment.

Forrest County Emergency Support Function #10- Oil and Hazardous Material Response Annex

Organization

Administrative and Logistical Support

All participating ESF #10 agencies are expected to:

- Coordinate their support with ESF #10
- Attend and support briefings and other coordination meetings, whether at the EOC or elsewhere.
- Maintain operational logs, messages, requests, and other appropriate documentation for future reference.
- Maintain their maps, displays, status reports, and other information not included in the ESF #5 operations.
- All agencies supporting ESF #10 will receive primary administrative support from their parent organization with additional support from Forrest County EMA as needed.
- All ESF #10 agencies which have automated financial management systems will utilize those systems to capture incurred costs of all available, acquired, and contracted resources used during the support activities related to emergency or major disaster operations. Those agencies not having access to an automated system will utilize their existing system to capture all related costs for reporting and potential reimbursement.
- All ESF #10 agencies should ensure that their financial management system, automated or otherwise, is used to capture their incurred costs during an emergency, major disaster, or exercise and must be in compliance with applicable agency, state, and federal guidelines, rules, standards, and laws. This understanding is based on the knowledge that any reimbursement of incurred costs is subject to audit.

Forrest County Local Emergency Planning Committee (LEPC)

The LEPC is a coordinated voluntary public and private sector initiative to establish an integrated community awareness and emergency communication network to aid the public, which could be affected by a chemical emergency. The role of LEPCs is to form a partnership between local government and industry as a resource for enhancing hazardous material preparedness. Local governments are responsible for the integration of hazmat planning and response within their jurisdiction. The membership comes from the local area and should be familiar with factors that affect public safety, the environment and the economy of the area.

The goals of this group are to enhance the safety of the citizens of Forrest County in the event of an industrial or transportation emergency through the means of:

- Developing a hazardous materials emergency response plan, and reviewing it at least once annually.
- Integration of plant emergency plans with existing community emergency plans that cover all risks.

Forrest County Emergency Support Function #10- Oil and Hazardous Material Response Annex

- Education and awareness of the public sector of major chemical products stored and transported through Forrest County.
- Conducting periodic hazardous material incident exercises and drills for the purpose of training personnel and identifying ways to improve planning and response capabilities.
- Communication with, and involvement of, the local communities in developing, implementing, and updating this Emergency Support Function.
- Facilities that use, manufacture, or store extremely hazardous substances and have them on site at any time and in quantities equal to or greater than the designated threshold planning quantity (refer to 40 CFR Part 370, www.ecfr.gov) are required to submit Tier II information.
- In an effort to streamline the yearly Tier II reporting process, the State Emergency Response Commission (SERC) requires the use of the web-based program E-Plan for all Tier II submittals. A single submission of Tier II information to E-Plan satisfies the requirement for individual submissions to the SERC, LEPC, and local jurisdictional fire departments.

Actions

Preparedness

- All county agencies or departments will support development and maintenance of SOPs to enable them to perform appropriate levels of preparedness, response, and recovery related to Managing Hazardous Materials.
- The Emergency Management Director should conduct periodic hazardous materials related emergency incident exercises or drills.
- Public Service agencies with emergency response duties and industrial facilities are responsible for providing training to their personnel as required by the state and/or Federal regulations.
- Participate in training and exercises when scheduled.

Pre-Incident

- Once the Incident Commander has classified the incident, establish a unified command post and one or more staging areas for response and response personnel and equipment.
- The unified command post shall include representatives from all responding public service agencies, and a facility official if the incident occurs on facility property.
- All response activities must be coordinated through the unified command post.
- Defensive actions to contain hazardous materials should be initiated by the Incident Commander as soon as possible, unless such actions would endanger response personnel.
- Defensive actions may include closing of valves, disconnection of utilities, deployment of absorbent materials or absorbent booms, use of fences, and stabilization of berms, dikes, or impoundments.

Forrest County Emergency Support Function #10- Oil and Hazardous Material Response Annex

Incident

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- Upon activation of ESF #10, the Forrest County Emergency Management Agency/EOC will communicate this information to all other ESF #10 members.
- The Incident Commander (or designee) shall submit an Initial Disaster Report to the Forrest County Emergency Management Director who will then forward to MEMA within 4-hours. A follow-up Situation Report shall be submitted in the same manner within 24-hours; if there have been any additional developments since the initial report was submitted.
- Ensure adequate communications are established and maintained.
- Coordinate the distribution of assets as needed.
- Maintain a complete log of actions taken, resources ordered, records, and reports.
- Assist in gathering and providing information and establishing priorities to ESF #5.
- Assist in gathering and providing information to ESF #15 for press releases.
- Assist in assessment and coordination for ESF#3.

Recovery

Cleanup and disposal efforts will be coordinated by the Incident commander (and facility officials if appropriate) as soon as possible after the incident has been stabilized.

Post-Incident

- The Incident Commander or designee must submit a report containing the following information to the EPA Regional Administrator within 15-days after the incident (refer to 40 CFR 265.56 (j):
 - the date and time of the incident, name, address and telephone number of the owner or operator responsible (if known);
 - the materials involved;
 - an assessment of actual or potential hazards to human health or the environment, if applicable;
 - the estimated quantity and disposition of recovered material associated with the incident.
- Provide an after action report to document issues, lessons learned, problems, and recommended solutions to the Forrest County Emergency Manager.

Forrest County Emergency Support Function #10- Oil and Hazardous Material Response Annex

Responsibilities

Forrest County Fire Services

- The senior fire official within the jurisdiction will serve as the Incident Commander and will establish a command post and a staging area for response personnel, as the situation warrants.
- Evaluates the situation, determines the appropriate emergency classification, and coordinates response activities as deemed appropriate.
- Informs the Forrest County Emergency Management Director and other appropriate personnel of the incident as soon as possible.
- Takes appropriate safety measures for response personnel and the local population.
- Contains, isolates, and neutralizes the hazardous materials, if resources allow.
- Notifies the responsible party (hauler, carrier, owner, etc.), if known, to initiate clean-up efforts.
- Provides rescue, extrication, recovery, and decontamination services for incident victims, if any.
- Monitors the incident area to assure proper and complete clean-up.
- Submits Incident Report(s) to the Forrest County Emergency Management Office.

Forrest County Emergency Operations Center (EOC)

Forrest County Emergency Management Agency will report incidents to Mississippi Emergency Management Agency (MEMA), who in turn will notify the Mississippi Department of Environmental Quality's (MDEQ) Pollution Control Division.

Support Agencies Responsibilities

Agency	Functions
Law Enforcement	• Assigns an individual to report to the unified command post, and additional personnel to the designated safe staging area(s). • Supports the Incident Commander in accordance with Unified Command principles. • Secure the area of the incident/spill; allow no one in the area except authorized emergency personnel. • Reroute traffic as required. • Determine the names of the chemical(s) involved by using the Emergency Response Guidebook (ERG). • If hazardous material is highly toxic, officers will immediately evacuate the surrounding area as determined by the senior law enforcement officer at the command post. • Coordinates traffic control and/or evacuation, as directed by the Incident Commander.

Forrest County Emergency Support Function #10- Oil and Hazardous Material Response Annex

Agency	Functions
Emergency Medical Services	• Assigns an individual to report to the unified command post, and additional personnel to the designated safe staging area(s). • Supports the Incident Commander in accordance with Unified Command principles. • Coordinates all health and medical care services for the sick and injured. • Notifies local hospitals and coordinates appropriate delivery of the sick and injured to definitive care facilities. • Activates mutual aid agreements as necessary when local emergency medical resources are overwhelmed.
Forrest County Health Department	• Provides technical support for hazardous materials operation as required.
Public Works and Engineering Departments	• Develops and maintains hazardous materials incident Standard Operating Procedures (SOPs). • Forrest County and/or municipal public works departments of affected jurisdictions shall provide support to the integrated command post upon request. • Other responsibilities shall include, but are not limited to: transportation of hazardous materials, assist with containment, build containment dikes, supply heavy equipment, clean-up, provide traffic control devices.
Board of Supervisors and Mayors	• Provide financial approval for expenditures. • Declare a Proclamation of a Local Emergency. • Order mandatory evacuations, as per Forrest County Emergency Management Director's recommendation. • Support hazmat incident with available resources.

ESF Review and Maintenance

This ESF will be reviewed every two years by the LEPC, in conjunction with the Forrest County Emergency Management Director as required by 40 CFR 300.215(a). Immediate review and amendment is required whenever the applicable regulations are revised, or if the plan fails in an emergency.

Appendices

Appendix 1 – MDEQ Regional Offices Map

Forrest County Emergency Support Function #10- Oil and Hazardous Material Response Annex

Appendix 1

Mississippi Department of Environmental Quality Central Regional Office

The Field Services - Central Regional Office provides investigative, logistical and limited analytical support for the major MDEQ regulatory programs for central Mississippi.

Location

The Central Regional Office (CRO) is located in Pearl, Mississippi in Rankin County. Counties served by the CRO include:

Adams	Jefferson	Sharkey
Amite	Kemper	Simpson
Attala	Lauderdale	Smith
Claiborne	Leake	Warren
Clarke	Lincoln	Wilkinson
Copiah	Madison	Winston
Franklin	Neshoba	Yazoo
Hinds	Newton	
Holmes	Noxubee	
Humphreys	Pike	
Issaquena	Rankin	
Jasper	Scott	



Services

Closer contact with pollution sources and the affected population allows the staff of these offices to better respond to public needs such as:

- inspections
- routine air and water monitoring
- investigation of fish kills
- spills and accidents involving oil or hazardous materials
- coordination with the state civil defense on national disasters
- Other emergency services during incidents involving substances dangerous to lives and property.

Address and Directions

Central Regional Office
1542 A Old Whitfield Road
Pearl, MS 39208

Take I-20 east from Jackson to exit 52 (Jackson International Airport exit) and continue south on Hwy 475 to the first right, which is Old Whitfield road. Go about 2 miles and we will be in the curve just before the MS

Forrest County Emergency Support Function #10- Oil and Hazardous Material Response Annex

State Fire Academy.

Appendix 1

Mississippi Department of Environmental Quality North Regional Office

The Field Services - **North Regional Office** provides investigative, logistical and limited analytical support for the major MDEQ regulatory programs for northern Mississippi.

Location

The North Regional Office (NRO) is located in Oxford, Mississippi in Lafayette County. Counties served by the NRO include:

Alcorn	Lafayette	Sunflower
Benton	Lee	Tallahatchie
Bolivar	Leflore	Tate
Calhoun	Lowndes	Tippah
Carroll	Marshall	Tishomingo
Chickasaw	Monroe	Tunica
Choctaw	Montgomery	Union
Clay	Oktibbeha	Washington
Coahoma	Panola	Webster
Desoto	Pontotoc	Yalobusha
Grenada	Prentiss	
Itawamba	Quitman	



Services

Closer contact with pollution sources and the affected population allows the staff of these offices to better respond to public needs such as:

- inspections
- routine air and water monitoring
- investigation of fish kills
- spills and accidents involving oil or hazardous materials
- coordination with the state civil defense on national disasters
- Other emergency services during incidents involving substances dangerous to lives and property.

Address and Directions

North Regional Office
8 County Road 413
Oxford, MS 38655

From Oxford, travel east on Hwy 6 (towards Pontotoc/Tupelo) approximately 3 miles. You will

Forrest County Emergency Support Function #10- Oil and Hazardous Material Response Annex

see a water tower on your right. Turn right onto the next county road (CR 413) after you pass the water tower. The North Regional Office will be the first driveway on the right.

Appendix 1

Mississippi Department of Environmental Quality South Regional Office

The Field Services - **South Regional Office** provides investigative, logistical and limited analytical support for the major MDEQ regulatory programs for southern Mississippi.

Location

The South Regional Office (SRO) is located in Biloxi, Mississippi in Harrison County. Counties served by the SRO include:

Covington
Forrest
George
Greene
Hancock
Harrison

Jackson
Jeff Davis
Jones
Lamar
Lawrence
Marion

Pearl River
Perry
Stone
Walthall
Wayne



Services

Closer contact with pollution sources and the affected population allows the staff of these offices to better respond to public needs such as:

- inspections
- routine air and water monitoring
- investigation of fish kills
- spills and accidents involving oil or hazardous materials
- coordination with the state civil defense on national disasters
- other emergency services during incidents involving substances dangerous to lives and property.

South Regional Office
1141 Bayview Avenue, Suite 208
Biloxi, MS 39530

From I-10 take Exit 46A to I-110 South. Cross over Biloxi Back Bay bridge and take exit 1B (first exit to right after bridge). Turn right (west) off exit ramp onto Bayview Ave. Continue west on Bayview through 4-way stop, Bolton State Office Building is on the left (south) side of Bayview Ave.

From Highway 90 turn north on Porter Avenue (at lighthouse) to dead end at Bayview Ave. Turn left (west), go through 4-way stop, Bolton State Office Building is on the left (south) side of Bayview Ave.

**Forrest County Emergency Support Function #10- Oil and Hazardous Material
Response Annex**

Forrest County Emergency Support Function #11 –Animals and Agriculture Annex

Primary Agencies:

Forrest County Emergency Management
Forrest County Animal Control Agencies
Forrest County Extension Service (CES)
Forrest County Humane Agencies
Local Veterinarians and Veterinary Technicians

Support Agencies:

Forrest County Farm Bureau
Forrest County Cattlemen's Association
Forrest County Equine Association
Forrest County 4-H Clubs and Volunteers
Forrest County Department of Health
Wildlife Rehabilitators
Private Sector Interest groups (equine, Cattle, small ruminants, birds (including poultry), marine mammals, reptiles, pocket pets, etc.)
Volunteer Organizations Active in Disasters

State Coordinating/Primary Agencies:

Mississippi Board of Animal Health (MBAH)
Mississippi Animal Response Team (MART)
Mississippi Department of Agriculture (MDAC)

State Support Agencies:

Mississippi Department of Environmental Quality (MDEQ)
Mississippi Department of Wildlife, Fisheries and Parks (MDWF&P)
Mississippi Forestry Commission (MFC)
Mississippi Department of Marine Resources (MDMR)
Mississippi Non-Governmental Organizations:
Mississippi Volunteer Organizations Active in Disasters

Introduction

Purpose

This ESF focuses on issues concerning live companion animals (pets), livestock (including horses), exotic animals, poultry, and wildlife, as well as disposal of carcasses resulting from natural disasters.

Foreign animal or exotic livestock/poultry disease events; crop disease or pest infestations; food safety, feed, seed, fertilizer and/or pesticide emergencies will immediately be the responsibility of the state primary agencies. (See State CEMP/ESF #11)

At the state and federal level ESF #11, supports county and municipal authorities in efforts to address: (1) control and eradication of an outbreak of a highly contagious or economically devastating animal/zoonotic disease, highly infective exotic plant disease, or economically devastating plant pest infestation, (2) safety and security of food, feed, seed, fertilizer and pesticides, and (3) coordination of efforts to provide for all animals and crops affected by disasters (all-hazards).

Protection of human life is the highest priority in emergency response. Recent disasters and follow-up research have shown that proper preparation and effective coordination of animal issues enhances the ability of emergency personnel to protect both human and animal health and safety. Basically, Animal Emergencies are Human Emergencies.

Scope

- Animal disaster response includes implementing an integrated county and municipal response to ensure that animal/veterinary/wildlife issues in disease and natural disasters are supported in coordination with ESF #8: Public Health and Medical Services and ESF #6: Mass Care.

Forrest County Emergency Support Function #11 –Animals and Agriculture Annex

- If ESF #11 of the Mississippi CEMP is activated, the Mississippi Board of Animal Health and the Mississippi Department of Agriculture are the primary agencies in coordination with the Mississippi Emergency Management Agency and other agencies for state level support.
- If ESF #11 of the National Response Framework (NRF) is activated, the U.S. Department of Agriculture (USDA), Food and Drug Administration (FDA), Environmental Protection Agency (EPA), and the Department of the Interior (DOI) are the primary agencies in coordination with the Federal Emergency Management Agency (FEMA) and other agencies for support.

A food, animal, and/or agriculture incident may threaten public health, animal nutrition, food production, aquaculture, livestock production, wildlife, soils, rangelands, and agricultural water supplies. Responding to the unique attributes of this type of incident requires separate planning considerations that are tailored to specific health and agriculture concerns and effects of the disease (e.g., deliberate contamination versus natural outbreaks, plant and animal versus processed food, etc.). Specific operational guidelines, developed by organizations with responsibility for the unique aspects of a particular disease or planning consideration, will supplement this annex and are intended as guidance to assist State, and local public health and agriculture authorities.

Special Considerations

Detection of an intentional or unintentional contamination/adulteration of food, animals, plants, or a pest outbreak may occur in several different ways and involve several different modalities:

A terrorist attack on food, animals or agriculture may initially be indistinguishable from a naturally occurring event; moreover, depending upon the particular agent and associated symptoms, several days could pass before public health, food, agriculture and medical authorities even suspect that terrorism may be the cause. In such a case, criminal intent may not be apparent until some time after illnesses are recognized.

A devastating attack or the threat of an attack on the domestic animal population and plant crops through use of highly infective exotic disease or pest infestation could result in severe economic loss. Early detection, allowing for early intervention, would come from agriculture expert authority reports as well as unusual patterns in surveillance systems. A food or agricultural incident may involve international trade.

Relationship to the Whole Community

This section describes how ESF #11 relates to other elements of the whole community.

Individuals/Households

Individuals are responsible for knowing the risks they face and developing emergency plans for their families that include emergency preparedness for the animals in their household, whether those animals are owned for pleasure or commercial purposes. To the extent possible, during an incident, individuals should carry out their emergency plans in accordance with responder instructions.

During an incident, to the extent practical, animal evacuation and sheltering should be conducted in conjunction with human evacuation and sheltering efforts; animals should be sheltered near their owners. Service animals are not pets and may not be separated from the individual with a disability or other access and functional need, and they should be permitted anywhere the public goes. Owners should provide food, water, husbandry, and exercise for their animals while they are in emergency shelters.

Forrest County Emergency Support Function #11 –Animals and Agriculture Annex

State, Tribal, Territorial, Area, and Local Governments

Local, state, tribal, territorial, and area governments are primarily responsible for the welfare of individuals and animals within their jurisdictions.

Typically, at the local level, the animal control agency is the authority that has jurisdiction for non-disease animal emergency management issues within a given community. At the state level, the Department of Agriculture, Board of Animal Health, State Wildlife Management Agency, or the Emergency Management Agency coordinates animal response activities.

When requested and mission assigned, ESF #11 can assist in coordinating or providing technical assistance to address animal/agriculture emergency management issues. The state, tribal, or territorial government designates an official(s) to coordinate with the Mississippi Department of Agriculture and Commerce and Board of Animal Health. This official(s) serve as the principal point(s) of contact with ESF #11 Coordinators at the Regional Response Coordination Center.

Transportation and distribution of food supplies within the affected area are arranged by local, state, tribal, territorial, insular area, Federal, and voluntary organizations.

Animal and agricultural health responses are conducted in collaboration and cooperation with state authorities and private industries to ensure continued human nutrition; animal, plant, and environmental health; and support of economy and trade.

Inspection of meat, poultry, and processed egg products; production and import facilities; and distributors during a response may be conducted, occur with local, state, tribal, territorial, and insular area authorities and the regulated industry, if needed, to ensure public health and support the economy and trade.

Actions taken during an animal or agricultural emergency are guided by and coordinated with local, state, tribal, territorial, and insular area emergency preparedness and response officials, homeland security officials, and existing USDA internal policies and procedures.

Actions taken during an emergency threatening the environment or cultural and historic resources are guided by and coordinated with the appropriate local, state, tribal, territorial, and insular area agencies, including the state historic preservation office, state archives, and local emergency management agencies.

Private Sector/Nongovernmental Organizations

Most animal and agriculture emergency response resources and assets are owned or controlled by the private sector and NGOs.

Animal emergency management is and has always been a whole community effort—a blending of emergency management and animal handling expertise. At the local level, veterinarians, farmers, animal control agencies and humane organizations, breeders, wildlife rehabilitators, and others make up the animal infrastructure within a community. These entities should be encouraged to collaborate with government to meet emergency animal needs in their communities. Many states have integrated animal response capabilities, such as county and/or state animal response teams, veterinary medical reserve corps, or similarly named entities.

Animal and agricultural health responses are conducted in collaboration and cooperation with state authorities and private industries to ensure continued human nutrition; animal, plant, and environmental health; and support of economy and trade. Businesses where animals are integral to operations (such as production agriculture, zoos/exhibitors, research facilities, breeders, animal welfare agencies/sanctuaries, and veterinary hospitals) should be encouraged to have contingency plans in place for animals housed in

Forrest County Emergency Support Function #11 –Animals and Agriculture Annex

the facility, in the event of a disaster or emergency. Nonprofit networks can provide information on contingency planning for veterinary facilities, zoos, and other congregate animal facilities.

Transportation and distribution of food supplies within the affected area are arranged by local, state, tribal, territorial, insular area, Federal, and voluntary organizations. Inspection of meat, poultry, and processed egg products; production and import facilities; and distributors during a response may be conducted with local, state, tribal, territorial, tribal, and insular area authorities and the regulated industry, if needed, to ensure public health and support economy and trade.

Core Capabilities and Actions

ESF Role Aligned to Core Capabilities

The following table lists the Response core capabilities that ESF #11 most directly supports, along with the related ESF #11 actions. Though not listed in the table, all ESFs, including ESF #11, support the core capabilities of Planning, Operational Coordination, and Public Information and Warning.

NOTE: Many activities are performed under statutory authority; mission assignments are needed to utilize ESF #11 capabilities listed when the mission exceeds functions performed under statutory authority, such as activities related to household pets and service animals.

Core Capability	ESF #11 – Animals and Agriculture
Mass Care Services	Animal (including Household Pets and Service Animal) Mass Care and Emergency Assistance • Supports ESF #6 to coordinate an integrated State and Federal response to meet the mass care and emergency assistance needs of animals, including household pets and service animals, and their owners. • Facilitates whole community multi-agency coordination with NGO agencies for animal response activities. • Provides technical assistance and subject matter expertise to local, state, tribal, territorial, insular area, and Federal government, and NGOs, regarding animal response issues. • Coordinates needs assessments for animals, including household pets and service animals, and animal response needs and activities including technical support for evacuation and emergency animal sheltering.
Critical Transportation	Safety and Defense of the Supply of Meat, Poultry and Processed Egg Products: Ensures meat, poultry, and processed egg products in commerce are safe, under MDAC's jurisdiction.
Public Health and Medical	Animal and Agricultural Health • Responds to animal and agricultural health emergencies under MBAH and MDAC statutory authority. • Coordinates with ESF #8 on management of zoonotic disease. • Coordinates with ESF #8 to ensure that animal/veterinary health issues (including both disease management and medical management) are supported. • Collaborates with ESF #8, HHS and USDA to deliver

Forrest County Emergency Support Function #11 –Animals and Agriculture Annex

	effective “one health” response that integrates human, animal, and environmental health. • Serves as the State lead on animal (including zoonotic) diseases. • Coordinates with ESF #3 on the removal of debris (carcasses) Safety and Defense of the Supply of Meat, Poultry and Processed Egg Products: Ensures regulated facilities are capable of providing safe meat, poultry, and processed egg products under MDAC’s jurisdiction.
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Policies

Actions undertaken under ESF #11 are coordinated with and conducted through county and municipal incident management officials and with private entities. Additional coordination is required with Mississippi Emergency Management Agency, the Mississippi Board of Animal Health, and the Mississippi Department of Agriculture and Commerce.

- Each supporting agency is responsible for managing its respective assets and resources after receiving direction from the primary agency for the incident.
- The primary agency for each incident coordinates with appropriate ESFs and other annexes, including the coordinating agency for the Worker Safety and Health Support Annex, to ensure appropriate use of volunteers and their health and safety and to ensure appropriate measures are in place to protect the health and safety of all workers.

Animal Disaster Response Policies

- Residents of Forrest County are responsible for their own pets and should, whenever possible take their animals with them and provide for their private care when they are instructed to evacuate their homes.
- Livestock producers of Forrest County are responsible for their own animals. If livestock must be evacuated, the producer should work with the local county emergency management agency and the ESF #11 Coordinator.
- The MBAH is the primary state agency for addressing animal disaster issues. The MBAH coordinates local, state, and federal animal response activities such as medical care, sheltering, evacuation, rescue, temporary confinement, procuring feed, food and water, animal identification, carcass disposal and returning animals to owners related to natural disasters when ESF#11 is activated. The State Veterinarian is the MBAH primary point of contact.
- The State Veterinarian will establish quarantines, permit requirements, and holding periods for animals. These requirements are based on many factors, including disease epidemiology, species affected, scope and type of disaster, animals’ health and temperament.
- Euthanasia of animals will be done humanely and at the direction of incident veterinarians.

Forrest County Emergency Support Function #11 –Animals and Agriculture Annex

- Disposal methods for infected or potentially infected/contaminated carcasses and plant material are chosen for their effectiveness in stopping pathogen spread and for their minimal impact on the environment.
- The Mississippi Animal Response Team (MART) is the state response team for animal issues when state ESF #11 is activated. The MART is under the direction of the State Veterinarian.
- Animal Disaster Responders must be credentialed by MART and sign a Code of Conduct in order to officially respond to an animal disaster.
- Responders will establish and maintain contact with EOC/Incident Command staff, through the County ESF #11 Coordinator, County Animal Response Team, or assigned voluntary agency liaison/representative.
- Responders must be ESF #11 credentialed and have an appropriate level of training for the assigned response activity.
- Personnel doing animal response activities that are not credentialed will be required to leave the incident. Personnel that do not adhere to the Code of Conduct will have their credentials revoked and will be removed from the incident.
- Counties are encouraged to form County Animal Response Teams (CARTs). CART personnel will automatically be included as members of the MART. MART members will follow all applicable local and state emergency management directives.
- The MBAH and the MART use ICS to manage animal disasters and are NIMS compliant.
- When addressing dangerous, aggressive, injured or diseased animals that must be euthanized, activities will be conducted as humanely as possible while minimizing the number of animals that must be euthanized.

Plant and Plant Pest Policies:

- The MDAC is the primary agency addressing the protection of seed, feed, fertilizer and pesticide; and plant disease and plant pest field investigations.

Food Safety and Security Policies:

- The MDAC is the primary agency for agricultural food safety and security issues. The MDAC coordinates local, state, and federal agricultural food safety response activities including the inspection and verification of food safety aspects of slaughter and processing plants and products in distribution and retail sites under the department's jurisdiction. The Commissioner of Agriculture is the primary point of contact.
- MDAC coordinates with ESF#8, Public Health and Medical Services and federal regulatory agencies as appropriate.

Forrest County Emergency Support Function #11 –Animals and Agriculture Annex

Concept of Operations

General

The Forrest County Emergency Management Director will keep all responsible agencies informed of all impending conditions (transportation developments, weather, hazardous materials, or other event) which would cause them to assume a readiness posture in preparation of EOC activation, possible deployment of resources to a forward area or other required activities to support this ESF.

Organization

The Forrest County ESF #11 representative or designee will assume the lead as coordinator of all animal and agricultural requirements during an incident, major emergency or disaster. These duties will be executed in conjunction with personnel and resources as listed under all support agencies for the county and the state.

Administrative and Logistical Support

All participating ESF #11 agencies are expected to:

- Coordinate their support with ESF #11.
- Attend and support briefings and other coordination meetings, whether at the EOC or elsewhere.
- Maintain operational logs, messages, requests, and other appropriate documentation for future reference.
- Maintain their maps, displays, status reports, and other information not included in the ESF #5 operations.
- All agencies supporting ESF #11 will receive primary administrative support from their parent organization with additional support from Forrest County EMA as needed.
- All ESF #11 agencies understand that their financial management system, automated or otherwise, used to capture their incurred costs during an emergency, major disaster, or exercise must be in compliance with applicable agency, State, and Federal guidelines, rules, standards, and laws. This understanding is based on the knowledge that any reimbursement of incurred costs is subject to audit.
- All ESF #11 agencies should ensure that their financial management system, automated or otherwise, is used to capture their incurred costs during an emergency, major disaster, or exercise and must be in compliance with applicable agency, state, and federal guidelines, rules, standards, and laws. This understanding is based on the knowledge that any reimbursement of incurred costs is subject to audit.

Actions

Preparedness

- All Forrest County agencies with ESF #11 responsibilities will ensure that they have Standard Operating Procedures (SOPs) in place to enable them to perform appropriate levels of mitigation, preparedness activities and personnel prior to the initiating event.

Forrest County Emergency Support Function #11 –Animals and Agriculture Annex

- Conduct annual training drills or exercises to ensure a high level of readiness for response personnel.

Pre-Incident

- Forrest County ESF #11 lead will develop/maintain alert and have notification procedures for key agricultural/health officials and agencies that support ESF #11.
- Ensure a designated person is identified to work (24 hour coverage if necessary) within the Forrest County Emergency Operation Center. This resource shall remain until the Emergency Operation Center operations return to normal.

Incident

- Immediately upon notification of an incident, actual disaster or major emergency the Forrest County ESF #11 coordinator will activate the internal plan and/or SOP.
- Ensure adequate communication is established/maintained with all applicable responders of ESF #11.
- Coordinate the distribution of assets as needed or based on requirements identified by Forrest County's local government and other ESFs as needed.
- Maintain log of actions taken, resources ordered/used, records of personnel and equipment/ location and all other documents to support reporting requirement.
- Assist in gathering information to support the state ESF #11 lead to be disseminated through public broadcast via ESF #15 (External Affairs).

Recovery

- Forrest County ESF# 11 coordinator will work in conjunction with ESF #6 (Mass Care, Housing and Human Services) and ESF #8 (Public Health and Medical Services) to assess damage and evaluate damage before re-entry and recovery and report the finding to the Forrest County Emergency Management Director at the Emergency Operation Center in writing to be file.
- Will assist with the monitoring of food, water, soil, and air conditions along with the state and federal authorities as needed during and post recovery to ensure the safety of all areas of Forrest County.
- Coordinate with the Forrest County Emergency Operation Center to ensure that all recovery and re-entry information is disseminated through Public Radio, broadcast media and other available sources (Public Information Officer).

Post-Incident

- Develop a timeline to ensure all support personnel have been re-deployed back to their agencies and/or organizations.
- Identify key problem areas as part of the lessons learned agenda.
- Provide after-action requirements through the Forrest County Emergency Management Director to ensure lessons learned and recommended solutions are captured.

Forrest County Emergency Support Function #11 –Animals and Agriculture Annex

Responsibilities

Forrest County Agriculture Representative

Forrest County will ensure that the Forrest County Cooperative Extension Service or designee is tasked based on position to serve as lead for the ESF #11 requirements for Forrest County. The coordinator will be required to develop, maintain and execute all of the personnel and resources to support all incidents, disasters and or major emergency that would affect Forrest County and its citizens. The below items outline specific duties:

- Develop and maintain an internal SOP that outlines all functions required for ESF # 11 supports.
- Coordinate with ESF # 6 (Mass Care, Housing, and Human Services) ESF #8 (Public Health and Medical Services) and Forrest County local officials will determine food needs for the affected population.
- Coordinate the gathering of emergency food supplies, storage warehouses and the transportation and distribution of supplies to members of affected households for take-home consumption.
- Coordinate the acquisition of food donations to supplement food needs.
- Maintain a roster of personnel that assist with various animal issues.

Forrest County Emergency Management Agency Director

The Forrest County Emergency Manager upon the advisement from the State (if warranted) and work in conjunction with the Forrest County Board of Supervisors, Cities of Hattiesburg and Petal Mayor's and City Council Officials, will complete the following:

- Ensure the timely and efficient activation of the requirements of ESF #11.
 - Confer with the support agencies to make decisions based on the incident to deploy designated support personnel to the Forrest County Emergency Operation Center.
 - Task in conjunction with the ESF #11 coordinator all available resources and trained personnel deployed to designated areas as needed.
 - Provide all agencies and volunteers with up-to-date information that would affect the situation (weather, changes in conditions of the situation, road closures, etc.)
-

Forrest County Emergency Support Function #11 –Animals and Agriculture Annex

Support Agencies' Responsibilities

Agency	Functions
Forrest County Extension Service/Forrest County Humane Society	• Liaison to assign support agency personnel to designated locations. • Allocate or obtain health and human resources for task deemed appropriate by the Emergency Management Agency Director or his assistance. • Alert all applicable personnel of possible deployment. • Coordination with the State Veterinarian and State Animal Health Officer to ensure all animals, zoological needs are in compliance with state and federal law. • Support Human services and school districts to accomplish the needs of the Forrest County Emergency Operation Center to meet the needs of the people of Forrest County. • Coordinate animal support supplies (Feed, Fencing, Post, Vet supplies, shelter, etc.).
Forrest County School District	• Support Transportation resources upon request. • Open school kitchens and building as needed to feed and shelter persons of Forrest County. • Dedicate resources from inventory. • Maintain coordination with Forrest County EOC • Public School District Transportation Director and the Forrest County Emergency Operation Center.
Forrest County Sheriff's Department Hattiesburg Police Department Petal Police Department	• Assist with transportation traffic control. • Provide security to all food and water shipments being delivered to the county and at all distributions area in Forrest County. • Provide necessary property protection of evacuated areas. • Assist with route clearance of debris as needed.
Hattiesburg and Petal Public Works Department/Engineering Forrest County Road Department	• Monitor water, food, and animals for signs of contamination. • Close roads and access to areas of contamination. • Assist with keeping routes open to emergency vehicles. • Provide equipment and transportation of animals that have been contaminated or need to be buried. • Assist in the loading/unloading of all equipment, food, water, and/or supplies for the distribution to Forrest County.

ESF #11 Reviews and Maintenance

The Forrest County Cooperative Extension Services with the aid of the Forrest County Humane Society will coordinate the annual revision of this ESF #11, and with all of the support agencies. Other unscheduled reviews and revision may be made after implementation of the plan or because of changes in laws or regulations. Recommendations for changes will be submitted to the Forrest County Emergency Management Agency Director for approval and distribution.

Forrest County Emergency Support Function #12 – Energy Annex

ESF #12 Coordinator

Mississippi Power Company
South Mississippi Electric Power Assn.
Southern Pine Electric Power Assn.
Pearl River Valley Electric Power Assn. Wilmut
Gas Company
PDMA Facilities (see attached list)
Center Point Energy, Blossman Gas

Support Agencies

Forrest County EMA
Forrest County, Hattiesburg, and Petal Public
works
Forrest County Maintenance
AAA Ambulance Service

Mississippi Support Agencies:

Mississippi Emergency Management Agency
(MEMA)
Mississippi Public Service Commission (MPSC)
Mississippi Military Department (MMD)

State ESF Coordinator:

Mississippi Development Authority, Energy
Division (MDA/ED)

State Non-Governmental Organizations:

Electric Power Associations of Mississippi

Introduction

Purpose

This Emergency Support Function (ESF) is intended to facilitate restoration of Forrest County's energy and utility systems following a natural or man-made disaster. ESF #12 involves-cooperation with utility companies to ensure that the power supply systems are maintained during emergency situations, and that damages that may be incurred are repaired and services are restored in an efficient and expedient manner afterward.

Scope

ESF #12 addresses significant disruptions in energy supplies for any reason, whether caused by physical disruption of energy transmission and distribution systems, unexpected operational failure of such systems, or unusual economic or international political events.

This ESF is applicable to the producing, refining, transporting, generating, transmitting, conserving, building, distributing, and maintaining of energy systems and system components. In this capacity, ESF #12 serves to collect, evaluate, and share information on the impact of energy system outages as well as on the progress of the energy restoration process, to include projected schedules for restoration of power, percent completion of restoration, and geographic information on the restoration.

Relationship to the Whole Community

This section describes how ESF #12 relates to other elements of the whole community.

Local, State, Tribal and Area Governments

- When activated, ESF #12 personnel may deploy to local, state, tribal, or area emergency operations centers.

Forrest County Emergency Support Function #12 – Energy Annex

- Assists local, state, tribal, area governments with requests for energy-related emergency response actions as required meeting the affected area's energy demands, and, through DOE, the Energy Sector-Specific Agency works to identify interdependencies and cascading impacts to other jurisdictions and critical sectors.
- Local, state, tribal, and area governments, in coordination with energy asset owners and operators, have primary responsibility for prioritizing the reestablishment of critical infrastructure. They are integrated into ESF #12 operations.

Private Sector/Nongovernmental Organizations

- Stabilization and reestablishment of normal operations at energy facilities is the responsibility of the facility owners and operators.
- Private sector energy asset owners and operators are primarily responsible for the stabilization of infrastructure-related services after an incident occurs.
- For Stafford Act events, ESF #12, through consultation with DOE Headquarters, is the Federal point of contact with the energy industry for information sharing and requests for assistance from private- and public sector energy owners and operators.

Core Capabilities and Actions

As described in the National Response Framework (NRF), responsibility for achieving the objectives of each core capability rests with no single entity or level of government but, rather, is the responsibility of all members of the whole community. The ESF construct is an effective way to bundle and manage the portfolio of resources to deliver core capabilities to local, state, and other responders. ESF #12 is particularly suited to support the Infrastructure Systems, Public and Private Services, and Resources core capabilities.

ESF Role Aligned to Core Capabilities

The following table lists the Response core capabilities that ESF #12 supports, along with the particular ESF #12 actions related to each of these core capabilities. Though not listed in the table, all ESFs support the core capabilities of Planning, Operational Coordination, and Public Information and Warning. **The actions listed beside each core capability in this table apply to local, state, tribal, federal and NGOs.**

Forrest County Emergency Support Function #12 – Energy Annex

Core Capability	ESF #12 - Energy
Infrastructure Systems	- Assists energy asset owners and operators and local, state, tribal, and territorial authorities with requests for emergency response actions as required meeting the Nation's energy demands. - Identifies supporting resources needed to stabilize and reestablish energy systems. - Assists Federal departments and agencies by locating fuel for transportation, communications, emergency operations, and national Defense, pursuant to the authorities available to the agency providing assistance. - In coordination with the Energy Sector-Specific Agency (DOE), addresses significant disruptions in energy supplies for any reason, whether caused by physical disruption of energy transmission and distribution systems, unexpected operational failure of such systems, acts of terrorism or sabotage, or unusual economic, international, or political events. - In coordination with the Energy Sector-Specific Agency (DOE), addresses the impact that damage to an energy system in one geographic region may have on energy supplies, systems, and components in other regions relying on the same system. - In consultation with energy asset owners and operators and the Energy Sector-Specific Agency (DOE), advises local, state, tribal, territorial, insular area, and Federal authorities on priorities for energy system reestablishment, assistance, and supply during response operations.
Public and Private Services and Resources	- Provides subject-matter expertise to the private sector as requested to assist in stabilization and reestablishment efforts. - Through coordination with DOE, (refer to Primary Agency Functions), serves as a Federal point of contact with the energy industry for information sharing and requests for assistance from private and public sector owners and operators.
Situational Assessment	- Works with the state, the private sector, local, tribal, territorial, and insular area authorities to develop procedures and products that improve situational awareness to effectively respond to a disruption of the energy sector. - Coordinates preliminary damage assessments in the energy sector. - Identifies requirements to repair energy systems and monitors repair work. - Through coordination with the state and local EPAs, ESF #12: - Serves as a source for reporting of critical energy infrastructure damage and operating status for the energy systems within an impacted area, as well as on regional and national energy systems. - Assesses the energy impacts of the incident and provides analysis of the extent and duration of energy shortfalls. - Analyzes and models the potential impacts to the electric power, oil, natural gas, and coal infrastructures, and determines the effect a disruption has on other critical infrastructure.

Forrest County Emergency Support Function #12 – Energy Annex

Linkages between Disaster Response and Recovery

ESF #12 is also closely linked with the Infrastructure Systems Recovery Support Functions (RSF) under the National Disaster Recovery Framework. The Infrastructure Systems RSF may stand up nearly as early as ESF #12, although initially only to focus on planning and information sharing. The ESFs and RSFs will coexist at some point and share information about impacts and assistance provided while focusing on their respective functions. There is necessarily some overlap between ESF and RSF missions, but, as the ESF requirements diminish, the RSFs take over the residual ESF activities that are associated with recovery. The timing of this transition depends on the scope of the disaster and the nature of the activities and tasks involved. From the earliest days after the disaster, ESF #12 will work closely with the Infrastructure Systems RSF Field Coordinator to coordinate the transition from emergency repairs to long-term recovery activities as seamlessly as possible. (See Appendix 2 – Recovery Support Functions Chart)

Policies

- It is recognized that the impact of a major natural disaster or a technological or other man-made event affecting one or more areas of the state could result in an energy emergency when demand for electricity, fuel, or any other material related to energy production exceeds the available supply. The secondary effects of damage to energy systems in the state could render local support systems inoperable for a prolonged period.
- Dispersed and widespread damage from a disaster will hinder restoration of energy-producing facilities, which can directly impact other critical facilities and systems such as transportation, communications, and utility systems. Failure of these systems has a direct effect on a community's ability to recover from a disaster which is why timely restoration of energy supply systems is vital.
- Response actions under ESF #12 are carried out with the purpose of maintaining the integrity of the energy system and minimizing the impact on Forrest County citizens and visitors.
- Each ESF #12 coordinator maintains a list of priority services.

Concept of Operations

Assumptions

- The occurrence of a major disaster could destroy or damage portions of the county energy and utility systems and disrupt petroleum supplies.
- Widespread and possibly prolonged electric power failures could occur in a major disaster.
- The transportation, media and telecommunications infrastructures will be affected.
- Delays in the productions, refining, and delivery of petroleum based products may occur as a result of transportation infrastructure problems and loss of commercial power.
- There may be extensive distribution failure in water, wastewater, and gas utilities. These may take hours, days, or even weeks to repair.
- There may be panic hoarding of fuel in areas served by severed pipelines or by individuals from neighboring jurisdictions where shortages have occurred.

Forrest County Emergency Support Function #12 – Energy Annex

- Natural gas lines may break causing fire, danger of explosion, or health (inhalation) hazards.
- Water pressure may be low, hampering firefighting and impairing sewer system function.
- City and County Public Works departments, under an emergency proclamation, will require the authority to go on private property to evaluate and shut-off utilities that jeopardize public and private property or threaten public health, safety, or the environment.

General

- The Forrest County Emergency Management Agency will keep all responsible ESF #12 agencies informed of all impending conditions (utility outages, weather, or other event) which would cause them to assume a readiness posture in preparation for local EOC activation, possible deployment to a forward area of operation, or other activity.
- The Emergency Management District is the primary local agency designated to coordinate energy emergency response and restoration activities.
- All agencies with ESF #12 responsibilities, whether primary or support, will ensure that they have Standard Operating Procedures (SOPs) in place to enable them to perform appropriate levels of mitigation, preparedness, response and recovery related to the event. Agencies will have completed mitigation and preparedness activities prior to the initiating event, and will begin to perform response and recovery as needed.
- Forrest County Emergency Management will develop and maintain alert and notification procedures for key energy officials supporting ESF #12.
- Emergency Management officials will release through ESF #15 special utility/energy statements. They will also issue conservation bulletins and warnings provided by ESF #12 via the Joint Information Center (JIC).
- The assets (i.e., manpower generator, etc.) available to ESF #12 will be used to assist county emergency operations and other ESFs with their emergency efforts to provide power, fuel and other resources as necessary.
- Emergency ESF #12 personnel will mobilize to direct and coordinate relief efforts, to communicate with the public and appropriate governmental agencies, and to restore normal service.

Organization

County EMA

- Forrest County Emergency Management personnel will notify EMS officials and other support agencies of ESF #12 activation.

Administrative and Logistics

All participating ESF #12 agencies are expected to:

Forrest County Emergency Support Function #12 – Energy Annex

- Coordinate their support with ESF #12.
- Attend and support briefings and other coordination meetings, whether at the EOC or elsewhere.
- Maintain operational logs, messages, requests, and other appropriate documentation for future reference.
- Maintain their maps, displays, status reports, and other information not included in the ESF #5 operations.
- All agencies supporting ESF #12 will receive primary administrative support from their parent organization with additional support from Forrest County EMA as needed.
- All ESF #12 agencies understand that their financial management system, automated or otherwise, used to capture their incurred costs during an emergency, major disaster, or exercise must be in compliance with applicable agency, State, and Federal guidelines, rules, standards, and laws. This understanding is based on the knowledge that any reimbursement of incurred costs is subject to audit.
- All ESF #12 agencies should ensure that their financial management system, automated or otherwise, is used to capture their incurred costs during an emergency, major disaster, or exercise and must be in compliance with applicable agency, state, and federal guidelines, rules, standards, and laws. This understanding is based on the knowledge that any reimbursement of incurred costs is subject to audit.

Actions

Preparedness

ESF #12 responsibilities, whether primary or support, are expected to:

- Ensure that they have Standard Operating Procedures (SOPs) in place to enable them to perform appropriate levels of mitigation, preparedness, response, and recovery that a given disaster or emergency may require, in accordance with the *Emergency Management Law, MS Code Ann. § 33-15 (1972), Section 33-15-14(2)(a)(viii)*.
- Complete mitigation and preparedness measures prior to an actual emergency or disaster.
- Assign and train personnel to support emergency operations.
- Develop and, where possible, implement standards for physical and operational security for the energy industry in Forrest County.
- Conduct energy emergency exercises with the energy industry.

Pre-Incident

- Ensure current SOPs are available.
- Companies included will designate EOC representatives who will provide information pertaining to the incident.
- Maintain communications with utility companies and other appropriate organizations regarding shortages and outages affecting the public.
- Each company's ESF representative will work in conjunction with Forrest County Emergency Management and other local agencies in an emergency capacity if needed.

Incident

- Upon activation of ESF #12, ESF representatives will communicate this information to all other ESF #12 members.
- Ensure adequate communications are established and maintained.
- Obtain an initial situation and damage assessment through established intelligence procedures.
- Coordinate the distribution of assets as needed.
- Maintain a complete log of actions taken, resource orders, records, and reports.
- Assist in gathering and providing information for establishing priorities.

Recovery

- Continue to monitor the recovery process.
- Secure resources to repair damaged energy systems.
- Review recovery actions and develop strategies for meeting county energy needs

Post-Incident

- Prepare an after-action report (AAR). The AAR identifies key problems, indicates how they will be or were solved, and makes recommendations for improving ESF response operations. All ESF #12 organizations assist in preparation of the AAR.

Forrest County Emergency Support Function #12 – Energy Annex

Responsibilities

Mississippi Power, South MS Electric, Southern Pine, Pearl River Valley, Dixie Electric, Wilmut Gas, Center Point Energy, Blossman Propane, and PDMA facilities

- Develop an SOP and checklist in conjunction with Forrest County Emergency Management and supporting agencies for this ESF.
- Staff the county EOC for coordinating local energy emergency support if needed and available.
- Provide technical assistance to utility advisory committees.
- Work closely with local/private energy/utility companies to coordinate response and assess damage.
- Support impact assessment by providing personnel for the damage assessment.
- Assist with debris removal following all line restoration.

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Forrest County Emergency Support Function #12 – Energy Annex

Support Agencies Responsibilities

Agency	Functions
Forrest County Emergency Management	• Coordinate with (insert facilities here), and other agencies to identify local energy resources. • Report to the Board of Supervisors on current and continuing functions, problems, and activities concerning energy resources. • Provide standard generator request forms that will be used at the EOC to process all local government generator requests. • Assess availability of energy resources (petroleum, liquid petroleum, natural gas, and/or electrical power) and the demand for those resources by district. • Implement energy emergency procedures necessary to reduce the demand for energy (primarily motor fuels). • Assist in locating shelters/housing units for utility work crews.
All Utility Companies	• Responsible for restoration of utilities following a disaster. • Restore service to critical facilities first.
Local Public Works	• Provide generators to critical facilities and crucial utilities until services are restored.
Mississippi Military Department (MMD)	• Provide generators to critical facilities and crucial utilities until services are restored according to ESF #13, Military Support as requested by the SEOC. • Provide technicians and operators for generators as available.

ESF #12 Reviews and Maintenance

Forrest County utility companies and The Emergency Management District will coordinate an annual review of this ESF #12 with all support agencies. Additional review may be conducted based on incident experience or changing laws and regulations. Recommendations for change will be submitted through Forrest County Emergency Management for approval, publication, and distribution.

Appendices

Appendix 1 - Public Utilities

Appendix 2 – Recovery Support Functions Chart

Public Utilities

ATTACHMENT 2

PUBLIC UTILITIES

ELECTRIC POWER COMPANIES

Mississippi Power Company
Service Center
2601 Hwy 11 – Bypass
Hattiesburg, MS 39401

South Mississippi Electric Power Association
7037 US Hwy 49
Hattiesburg, MS 39402

Southern Pine Electric Power
Home Office: 110 Risher St – Taylorsville, MS 39168
Hattiesburg Branch: Hwy 49 North, HBG 39402

Pearl River Valley Electric
Home Office: 1422 Hwy 13 – Columbia, MS 39429

Dixie Electric Power Association
Home Office: 1863 Hwy 184 – Laurel, MS 39443
Petal Branch: Hwy 42 East – Petal, MS 39465

L-P NATURAL GAS

Willmut Gas Company
315 South Main St
Hattiesburg, MS 39403

Center Point Energy-Entex
Dist Office: 26 Mason St – Laurel, MS

GAS COMPANIES

Classified CPC
1374 US Hwy 11
Petal, Ms 39465

Dixie Pipeline
Po Box 544
Hwy 11
Petal, Ms 39465

Embridge
Po Box 1184
Hwy 11
Petal, Ms 39465

Enterprise Petal NGL
1265 Hwy 11
Petal, Ms 39465

Boardwalk
Po Box 1183
1382 Hwy 11
Petal, Ms 39465

Enterprise Products
Po Box 506
1364 Hwy 11
Petal, Ms 39465

Lone Star
Po Box 545
1234 Hwy 11
Petal, Ms 39465

Targa
Po Box 587
18 Chappel Hill Rd (off of Hwy 11)
Petal, Ms

BUTANE GAS

Blossman Propane Gas
Hwy 42
Hattiesburg, MS 39401

ESF #12-7

PUBLIC WATER SYSTEMS

City of Hattiesburg Water
PO Box 1898
Hattiesburg, MS 39403-1898

City of Petal Water
127 West 8th Ave
Hattiesburg, MS 39465

RURAL WATER ASSOCIATIONS

Dixie Water
930 Bonhomie Rd
Hattiesburg, Ms 39401

Eastabuchie Water
Po Box 924
795 Leeville Rd
Petal, Ms 30465

Brooklyn Water
Po Box 69
Brooklyn, Ms 39425

Glendale Utility
2805 Glendale Ave
Hattiesburg, Ms 39401

McLaurin Utility
283 Carter Rd
Hattiesburg, Ms 39401

Rawls Springs Utility
39 Archie Smith Rd
Hattiesburg, Ms 39402

Sunrise Water Utility
465 Batson Rd
Petal, Ms 39465

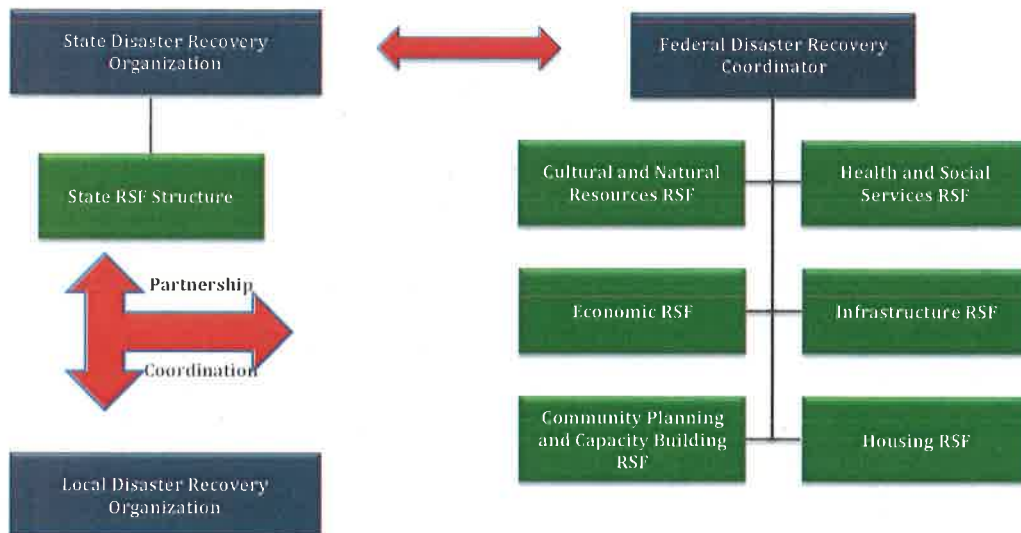
Carnes Utility
1084 Carnes Rd
Wiggins, Ms 39577

Barrontown Utility
101 Dogwood Lane
Petal, Ms 39465

Appendix 2

Recovery Support Functions Chart

National Disaster Recovery Framework
Recovery Support Functions (RFFs) Coordinating Structure



Forrest County Emergency Support Function #13 – Public Safety and Security Annex

ESF #13 Coordinator:

Forrest County Sheriff's Office
Hattiesburg Police Department
Petal Police Department

Primary Agencies:

Forrest County Sheriff's Department
Hattiesburg Police Department
Petal Police Department

Support Agencies:

Forrest County Emergency Management
Forrest General Hospital Public Safety
Southern Miss Police Department
School System Police Departments
Mississippi Highway Safety Patrol
Other county agencies as determined to be necessary

State ESF Coordinator:

Mississippi Department of Public Safety

State Primary Agencies:

Mississippi Department of Public Safety
Mississippi Department of Transportation
Mississippi Military Department
Mississippi Department of Wildlife, Fisheries, and Parks (MDWF&P)
Mississippi Emergency Management Agency (MEMA)
Mississippi National Guard
Alcohol, Tobacco, and Firearms (ATF)

State Support Agencies:

Mississippi Emergency Management Agency
Mississippi Highway Patrol
Mississippi Department of Wildlife, Fisheries, and Parks (MDWF&P)
Mississippi National Guard
Alcohol, Tobacco, and Firearms (ATF)

Introduction

Purpose

The primary purpose of Emergency Support Function (ESF) #13 Public Safety and Security is to coordinate law enforcement activities within Forrest County in order to ensure the safety of life and property during and after an emergency situation or incident. ESF #13 integrates Forrest County's safety and security capabilities and resources in order to support a full range of incident management activities associated with potential or actual emergencies or incident.

Scope

Forrest County Emergency operations for law enforcement agencies will be an expansion of their normal daily duties and responsibilities. These duties and responsibilities include maintaining law and order, traffic control, crowd control and security control measures. Local agencies will have the primary responsibility for routine law enforcement and support groups will assist when and where needed.

Relationship to Whole Community

Local, State, Tribal, and Area Governments

Local law enforcement responsibility and authority rests with local, state, tribal and area law enforcement departments and agencies. During disasters or acts of terrorism, when these departments and agencies are overwhelmed and unable to fulfill their public safety and security missions, additional resources should be obtained through mutual aid and assistance agreements, such as the Emergency Management

Forrest County Emergency Support Function #13 – Public Safety and Security Annex

Assistance Compact, and/or activation of the state National Guard. Once these means of support are exhausted or unavailable, Federal public safety and security needs can be requested through ESF #13.

In a catastrophic incident, a state governor may also choose other options to restore order and ensure public safety. These may include:

- Requests for Federal law enforcement assistance under the Emergency Federal Law Enforcement Assistance Act coordinated through the Attorney General (AG) or the AG's designee
- Members of the National Guard under state control to the extent permitted by state law.

Private Sector/Nongovernmental Organizations

Safety and security responsibilities performed by private sector and nongovernmental organizations are generally limited to requirements at specific locations, such as shopping centers, private sector buildings, locations that house critical infrastructure, special events, and, when contracted, local, state, tribal, territorial, insular area, and Federal buildings. However, overall public safety and security responsibility always defaults to local, state, tribal and territorial area, and Federal law enforcement departments and agencies.

During the response to disasters or acts of terrorism, private sector/nongovernmental security forces continue to perform their assigned safety and security missions to the best of their ability. The local, state, tribal, or area law enforcement department or agency responsible for public safety and security will determine the need for law enforcement resources to assist or augment these private sector/nongovernmental organizations. Should the responsible local, state, tribal, or area law enforcement department or agency be overwhelmed and unable to provide the needed assistance, upon a request for Federal assistance, ESF #13 may be tasked to provide this support through the DHS/FEMA mission assignment process.

Traditionally the vast majority of ESF #13 missions require sworn law enforcement officers armed and trained in the execution of a wide range of law enforcement activities. However, based on the requirements of specific missions, ESF #13 may use non-traditional resources from private sector and/or nongovernmental organizations to meet the requirements of the missions.

These resources may be in the form of individuals and/or organizations with specific skills or capabilities that are trained, capable, and willing to assist ESF #13 as volunteers or contracted support. The specific skills or capabilities of these individuals or groups must match the requirements of the mission. The identification of these private sector/ nongovernmental individuals and organizations will be closely coordinated by the ESF #13.

Any use of these resources to meet ESF #13 mission assignments will be closely coordinated with the requesting entity before these resources are assigned to fulfill the mission.

Core Capabilities and Actions

The following table lists the Response core capabilities that ESF #13 most directly supports along with the related ESF #13 actions. Though not listed in the table, all ESFs, including ESF #13, support the core capabilities of Planning, Operational Coordination, and Public Information and Warning. **The actions listed beside each core capability in this table apply to local, state, tribal, federal and NGOs.**

Forrest County Emergency Support Function #13 – Public Safety and Security Annex

ESF Roles Aligned to Core Capabilities

Core Capability	ESF #13 – Public Safety and Security
On-scene Security and Protection	• Provide general and specialized federal law enforcement resources to support local, state, tribal, area, and Federal law enforcement departments and agencies overwhelmed by disasters or acts of terrorism. ESF #13 can perform a wide array of missions as defined through the state mission assignment process. • Protect critical infrastructure during prevention activities or disaster response, when requested. • Protect emergency responders. • Determine the role, if any, of private sector/nongovernmental organizations in the overall public safety and security response. • Assist state law enforcement and government officials in determining the methodology by which FLEOs will be granted state law enforcement authority during ESF #13 responses. • Manage the development of pre-scripted mission assignments to address known and anticipated disaster response public safety and security short falls. • Give priority to life safety missions first, followed by missions that address security and the protection of infrastructure/property. • Consider the availability of safety and security resources within the requesting federal department or agency when providing ESF #13 support to other federal ESFs.

Policies

Local law enforcement personnel will generally be able to provide adequate police control through existing mutual-aid agreements with communities within the county and/or neighboring counties. If local capabilities are exceeded, support will be available from several state and federal law enforcement agencies. This ESF provides the conduit for utilizing and incorporating the extensive network of public safety and security coordination established for county prevention efforts.

- All requests for state and/or federal law enforcement augmentation should be made by the Forrest County Emergency Management Director to MEMA.
- Operations to support and protect federal facilities/assets within Forrest County must be coordinated in collaboration with the Forrest County Sheriff's Office through the Forrest County EMA Director to MEMA.
- All primary and support agencies shall be utilized before requests are made for additional resources and/or assets.
- All available local resources will be expended before requesting state support.
- This ESF does not usurp or override the policies or mutual aid agreements of any county or municipal jurisdiction or government, state government, or federal agency. Law enforcement activities and

Forrest County Emergency Support Function #13 – Public Safety and Security Annex

criminal investigations are conducted in conformance with existing codes and statutes.

- Law enforcement officials will carry out functions that they are trained to do, some of which may not apply on a regular basis.
- If sufficiently trained law enforcement is not available from local government, public or private sources within the community will be sought. These sources include auxiliary and reserve elements, MSNG, retired and/or veterans' groups, industrial security personnel, private security firms, or other qualified personnel as available through MDPS ECO.

Concept of Operations

Assumptions

- General law enforcement problems are compounded by disaster related community disruption, restriction of movement, impacted communications and facilities, and a shortage of law-enforcement resources.
- The capabilities of local law enforcement agencies may be quickly exceeded. Supplemental assistance should be requested through local and state emergency management channels and the operation of mutual aid agreements.
- The availability of resources will have a profound effect on agencies ability to perform tasked activities.

General

The Sheriff or Police Chief is responsible for law enforcement activities within their jurisdiction. Only when all local resources are exhausted will state law enforcement personnel and equipment be requested. Upon determination by local authorities of a need for additional law enforcement, a request for assistance will be made to the Forrest County Emergency Management Agency to MEMA. Forrest County Emergency Management will also keep all responsible agencies and/or departments informed of all conditions, which would cause them to assume a readiness posture in preparation for EOC activation, evacuation, or other activities. Law Enforcement personnel will keep continuous communications with Emergency Management Officials throughout the event, to ensure the allocation of needed resources from other agencies with capabilities to assist in the recovery process.

Organization

- On-scene Public Safety & Security Operations should be organized using the Incident Command System and remain under the tactical control of the lead law enforcement agency having jurisdiction.
- ESF #13 support to on-scene operations, if needed, will likely take place through the County Emergency Operations Center (EOC). ESF #13 Agency Reps in the EOC should be organized under the ICS Operations Section as either a stand-alone "Team" or as part of a functional Group, depending upon the needs of the incident.

Administrative and Logistical Support

All participating ESF #13 agencies are expected to:

- Coordinate their support with ESF #13.

Forrest County Emergency Support Function #13 – Public Safety and Security Annex

- Attend and support briefings and other coordination meetings, whether at the EOC or elsewhere.
- Maintain operational logs, messages, requests, and other appropriate documentation for future reference.
- Maintain their maps, displays, status reports, and other information not included in the ESF #5 operations.
- All agencies supporting ESF #13 will receive primary administrative support from their parent organization with additional support from Forrest County EMA as needed.
- All ESF #13 agencies understand that their financial management system, automated or otherwise, used to capture their incurred costs during an emergency, major disaster, or exercise must be in compliance with applicable agency, State, and Federal guidelines, rules, standards, and laws. This understanding is based on the knowledge that any reimbursement of incurred costs is subject to audit.
- All ESF #13 agencies should ensure that their financial management system, automated or otherwise, is used to capture their incurred costs during an emergency, major disaster, or exercise and must be in compliance with applicable agency, state, and federal guidelines, rules, standards, and laws. This understanding is based on the knowledge that any reimbursement of incurred costs is subject to audit.

Actions

Preparedness

Forrest County Sheriff's Office in collaboration with the Forrest County Emergency Management Agency shall conduct the following:

- Development and maintenance of SOPs to enable them to perform appropriate levels of mitigation, preparedness, response, and recovery related to public safety and security.
- Train and exercise Forrest County ESF #13 personnel.
- Designates an EOC, alternate EOC, and an ESF #13 liaison that will go to the Forrest County EOC or other areas of operation.

Pre-Incident

Forrest County's Chief Law Enforcement Officer will conduct the following actions in collaboration with the Forrest County Emergency Management Director:

- This ESF will provide expertise and coordination for security planning efforts and conducting technical assessments.

Forrest County Emergency Support Function #13 – Public Safety and Security Annex

- ESF #13 will identify the need for ESF #13 support and analyze potential factors that affect resources and actions needed, such as:
 - Mapping, modeling, and forecasting for crowd size, impact of weather, and other conditions on security.
 - ESF #13 liaison with Forrest County Emergency Management Agency.

Incident

Upon activation of ESF #13, the Forrest County Senior Law Enforcement Officer (Sheriff's Office or designee) and the ECO will:

- Maintain law and order.
- Communicate information to all other ESF #13 members and ensure that adequate communication is established and maintained.
- Obtain an initial situation and damage assessment through established intelligence procedures.
- Patrol evacuated areas and routes.
- Provide traffic and crowd control.
- Provide or coordinate specialized security assets such as traffic barriers, and/or law enforcement personal protective gear.
- All other duties as identified by Forrest County Emergency Management Agency to help preserve life and property.

Recovery

- Continue response operations.
- Assist in damage assessment.
- Maintain law enforcement activities in affected area(s) as long as required by local officials to return the situation to a state of normalcy.
- Phase down operations.
- Coordinate with the Forrest County elected officials and EMA to determine the time schedule for re-entry as an incident dictates.

Post-Incident

- Continuously review and update plans.
- Analyze hazards and determine additional law enforcement requirements.
- Identify critical sites that will require special security during an emergency or incidents.

Forrest County Emergency Support Function #13 – Public Safety and Security Annex

- Prepare an after-action report. The after-action report should identify key problems, indicate how they are to be/were solved, and make recommendations for improving ESF #13 response operations.

Responsibilities

The Forrest County Sheriff's Office is responsible for coordinating all emergency law enforcement activities within Forrest County. Each local and/or municipal police force will maintain authority within its own jurisdiction. The Forrest County Sheriff will appoint a liaison to the Forrest County EOC, that liaison will direct all emergency operations from the EOC. Routine operations will be handled by standard procedures and State and Federal support will be called upon as needed.

The Mississippi Military Department (MMD) will maintain a liaison in the Forrest County Emergency Operations Center (EOC) to provide direct coordination with Local Emergency Management for mission assignments.

Local Mississippi National Guard units may be required to directly support local officials with operational response consistent with current mission assignments. ***This request must be made through the Forrest County EMA Director to MEMA and/or to the Mississippi Military Department.***

Support Agencies Responsibilities

Agency	Functions
Forrest County Emergency Management	• Responsible for contacting the Mississippi Emergency Management Agency if additional support is needed and/or requested. • Provide necessary updates to SEOC for all ESF #13 actions.
Mississippi Emergency Management Agency (MEMA)	• Receive, confirm, evaluate, and prioritize requests for all state resources for ESF #13. • Allocate appropriate resources, authorize mission assignments; and submit request to FEMA for any federal resources required.
City of Hattiesburg and Petal Police Department's	• Maintain law and order within their jurisdiction. • Support Sheriff's Office and perform all task assignments. • Provide mobile units for warning operations (ESF #2). • Provide security for key facilities, traffic control points, crowd control • Support for other public safety activities.
Mississippi Highway Patrol	• Provide traffic control on state roads. • Perform law enforcement activities in support of incidents. • Provide support to local operations as needed.
Mississippi Department of Wildlife, Fisheries, and Parks (MDWF&P)	• Patrol local waters and perform normal law enforcement activities. • Provide support for local operations as needed. • Supply resources and personnel as needed, especially (i.e. boats, MS IMAT) to support water related emergencies.
Mississippi National Guard	• Provide Military Police support for local operation with state approval.
Alcohol, Tobacco, and Firearms (ATF)	• Upon official request, provide manpower and equipment to assist with local disaster operations.
Other county agencies as determined to be necessary	• Provide support for this activity as needed to assist the Forrest County Sheriff's Office and/or the Forrest County Emergency Management Agency.

ESF # 13 Review and Maintenance

Forrest County Emergency Management will coordinate the biennial revision of this ESF with the Coordinator. The Coordinator will be responsible for obtaining input from the Primary and all Support Agencies. Other unscheduled reviews and revisions may be made after implementation of the plan or because of changes in laws or regulations. Recommendations for changes will be submitted to Emergency Management for approval, publication, and distribution.

Forrest County Emergency Support Function #14 – Long Term Recovery Annex

ESF #14 Coordinator(s)

Forrest County Board of Supervisors
Hattiesburg Mayor's Office
Petal Mayor's Office
Forrest County Emergency Management Agency

Primary Agencies

Forrest County Emergency Management Agency
Forrest County Board of Supervisors
Office of the Mayor (Hattiesburg & Petal)
Forrest County Attorney
R3SM-Long Term Recovery (United Way)

Support Agencies

MDH Mental Health/Region XII
Forrest County Road Department
Forrest County Fire Coordinator
Hattiesburg and Petal Public Works
Forrest County Human Services

Mississippi Non-governmental Organizations

American Red Cross
Mississippi Volunteer Agencies Active in Disasters (VOAD)
The Greater Pinebelt Foundation

State ESF Coordinator

Office of the Governor
Mississippi Emergency Management Agency

State Primary Agencies

Mississippi Attorney General's Office
Mississippi Employment Security
Mississippi Department of Human Services
Mississippi Department of Agriculture and Commerce
Mississippi Department of Mental Health
All Other County Agencies

Introduction

Purpose

This document serves, as the framework to ensure that the citizens of Forrest County affected by an incident or disaster will be able to recover utilizing federal and state resources.

Scope

The policies and concepts of this annex apply to the use of Forrest County resources needed to assist in the restoration of communities within the county affected. Additionally after an assessment of the incident's impact the request for state and federal resources needed will be made through the county EMA director to MEMA on behalf of the citizens of Forrest County and all of its municipalities.

Relationship to the Whole Community

Individual/Community Organizations

The public, both individuals and community organizations, have an important role in assisting with long-term care and recovery for citizens affected by or displaced during a disaster.

Forrest County Emergency Support Function #14 – Long Term Recovery

Annex

Local, State, Tribal and Area Governments

Long-term care providers use an inclusive process to ensure coordination with local and State agencies to identify priorities for the application of resources. In engaging with disaster-affected communities, EFS #14 seeks to specifically include and address the needs of individuals with disabilities, those with access and functional needs, children, seniors, individuals with limited English proficiency and members of underserved populations, and works closely with local, State and Tribal governments to identify underserved populations. ESF #14 and cooperating agencies also coordinate with local nongovernmental organizations (NGOs) and community groups which often have excellent relationships with the underserved populations. ESF #14 collaborates with these organizations to ensure that programs are culturally appropriate and that at-risk populations and their needs are identified.

Private-Sector/Nongovernmental Organizations

ESF #14 coordinators and support agencies recognize the private sector as a key partner in domestic incident management, particularly in the area of critical infrastructure protection and restoration. Private-sector entities are also called upon to contribute necessary items and services to the impacted area. These sources are important to aid in the life-saving and recovery efforts. Forrest County and other partnering agencies coordinate with the private sector to effectively share information, formulate courses of action, and incorporate available resources to prevent, prepare for, respond to, and recover from incidents of various types.

Core Capabilities and Actions

ESF Role Aligned to Core Capabilities

The following tables list the Response core capabilities that ESF #14 most directly supports along with the particular ESF #14 actions related to that core capability. Though not listed in the table, all ESFs support the core capabilities of Operational Coordination and Public Information and Warning. **The actions listed beside each core capability in this table apply to local, state, tribal, federal and NGOs.**

Core Capabilities	ESF #14 – Long-Term Recovery
Planning	• Coordinates developments of the State's Public Assistance and Hazard Mitigation plans. • Coordinates development of ESF #14 • Collaborates with key governmental officials at the state, county, and local level, and critical public sector partners. • Conducts a systematic process, engaging the whole community as appropriate, in the development of executable strategic, operational, and/or community- based approaches to meet defined objectives.
Infrastructure Systems	• Assists local governments impacted by a disaster in rebuilding and/or repair efforts. • Assists local governments through Public Assistance and Mitigation grants to ensure accurate disaster funding is available, and that all state and federal guidelines are followed. • Implements housing solutions that effectively support the needs of the

Forrest County Emergency Support Function #14 – Long Term Recovery Annex

	whole community and contribute to its sustainability and resilience.
Economic Recovery	• Gathers information from state and federal agencies and impacted local governments to assess the scope and magnitude of the social and economic impacts. • Works with private sector to help coordinate business recovery and development in impacted areas. • Identify statutory, regulatory and policy issues that contribute to gaps, inconsistencies and unmet needs in economic recovery. • Develops solutions to address preparedness, mitigation and resilience issues before a disaster strikes and that will facilitate the return of economic and business activities (including agricultural) to a normal state.
Health and Social Services	• Coordinates through Forrest County Department of Human Services, all requests for emergency food stamp assistance or other social services. • Assists through MDHS, volunteer organizations, and Mississippi Department of Health (MSDH) with long-term housing, feeding requirements, and emergency services. • Coordinates through Mississippi Department of Employment Security, unemployment grant programs for affected communities. • Provides a system for victims to received prescribed medications while displaced. • Works with regional Mental Health Agencies to provide Mental Health care to displaced disaster victims. • Provides up-to-date health and safety for disaster victims and those serving them.
Housing	• Works with federal agencies and Mississippi Development Authority (MDA) to develop long-term housing needs and assistance. • Assists local governments and other ESF #14 stakeholders in developing long- term housing plans for impacted communities. • Provides access to SBA for victims to seek loans to repair damaged homes. • Makes available federal government monies for minor repairs to homes (\$1,500 maximum). • Collaborates with local authorities in public education to ensure children of disaster victims may continue to attend school while displaced.

Policies

- County agencies continue to provide recovery assistance to county and municipal government, the private sector and individuals while continuing activities and assessments for additional resources through the ESF #14 coordinator (Forrest County EMA).
- State support to Forrest County will be tailored based on the type, extent, and duration of the event and long-term recovery period, and on the availability of State resources.

Forrest County Emergency Support Function #14 – Long Term Recovery Annex

- Long-term community recovery and mitigation efforts are forward-looking and market-based, focusing on permanent restoration of infrastructure, housing, and the local economy, with attention to mitigation of future similar impacts when feasible.
 - Forrest County will use the post-incident environment as an opportunity to measure the effectiveness of community recovery activities.
 - ESF #14 will facilitate the application of loss-reduction building science expertise to the rebuilding for critical infrastructure (e.g. in repairing hospitals, key county facilities).
-

Concept of Operations

Assumptions

- All appropriate disaster declarations will be made in a timely manner.
- Given Forrest County's limited resources to accomplish recovery operations, the state and federal governments will play a major role, substantially supplementing the county efforts.
- Depending on the type and scope of the incident, federal resources and/or funds may be available for public and/or private (individual and businesses) assistance.
- There may be long-term shelter requirements to house county citizens and other populations following a disaster situation.
- A *long-term recovery plan* will be developed based on the impacts of the specific disaster or emergency, the duties and responsibilities outlined in the other functional annexes and hazard specific appendixes to this plan, and the planning considerations addressed in this annex.
- Long-term recovery planning and activities could include mitigation efforts to reduce the potential hazard of similar disasters in the future.
- Many types of public, private, and volunteer assistance will be offered following an extreme emergency that will involve unique management challenges and further test county sheltering and feeding capacities.
- Depending on the incident, it may be more appropriate for some recovery functions to be tasked to a specific county department rather than an EOC section. Specially qualified persons/agencies from the public and private sectors may be appointed to perform functions unique to large-scale recovery operations.
- Under certain conditions, such as a lengthy recovery from a flood or tornado, Forrest County will seek inclusion in a Presidential Declaration so to qualify for assistance in the form of federal emergency funds and equipment, if qualified.

Forrest County Emergency Support Function #14 – Long Term Recovery Annex

General

ESF #14 provides the coordination mechanisms for local government to:

- Immediately after any emergency/disaster, response activities to save lives and protect property should have the highest priority. However, recovery activities can be conducted concurrently with response and should commence as soon as possible. Gradually, as the requirement for emergency response diminishes, the need for recovery activities should become the focal point.
- Recovery and restoration actions following any emergency or disaster should be determined by the specific event. Recovery plans are based on the damage assessment; an awareness of what shape the recovery should take in the rebuilding of infrastructure, the environment and the economy; and the resources available for that rebuilding. Several federal, state, and local jurisdictions may be involved depending on the hazard and scope of the situation. City and County local governments should lead the recovery activities for their jurisdictions.
- The recovery process can be split into long-term and short term activities, but some activities can occur in both. Also, there is no clear distinction of when short-term recovery activities end and long-term begins.
 - Short-term recovery efforts typically focus on restarting critical community elements such as utility, economic, and social systems in order to meet people's immediate needs.
 - Long-term recovery efforts include resumption of full services; large-scale repair and replacement work; economic and resource re-stabilization; organizations' re-adaptation; and assessment of the event. Hazard mitigation is often part of the long-term recovery effort. Hazard mitigation actions are those taken to permanently eliminate or reduce the long-term vulnerability to human life and property from hazards. Long-term recovery may go on for years until the entire disaster area is completely redeveloped, either as it was before the disaster or for entirely new purposes.
- Recovery activities may continue long after the EOC has been closed, requiring the activities to be coordinated and managed from a different location.
- The responsibility for coordination of disaster recovery efforts in Forrest County rests primarily with County EMA. Responsibility for making local policy decision remains with the local elected officials. Responsibility for actions of local, state, federal, and volunteer personnel remains with those organizations.
- During major events, the Emergency Operations Center (EOC) will likely have been activated for the response and short term recovery phases of the emergency and should continue to be used for transition into longer-term recovery activities. Ongoing activities related to the implementation of ESF #14 may be coordinated from other locations.
- Assess the social and economic consequences in the impacted area and coordinate state efforts to address long-term community recovery issues resulting from an Incident of State Significance
- Advise on the long-term recovery implications of response activities and coordinate the transition from response to recovery within the county

Forrest County Emergency Support Function #14 – Long Term Recovery Annex

- Work within the county to ensure that all municipal governments, NGOs, and private-sector organizations to conduct a comprehensive market disruption and loss analysis and collaborate efforts to develop a comprehensive long-term recovery plan for all affected communities within the county.

Recovery Functions

The following functions should be addressed as part of the recovery process and assigned to the appropriate ICS Section.

- Animal Control/Sheltering: Provides policies and procedures/guidelines addressing animal control and sheltering following a disaster. Includes sheltering, feeding, and release of pets, livestock and wild animals.
- Business Resumption: Provides policies and procedures/guidelines to facilitate the re-establishment of normal commercial business activities following a disaster. Includes policies/procedures/guidelines for deferral of taxes and fees, availability and use of grants, disaster assistance applications and relocation guidance.
- Communications/Automation: Provides the communications and automated data processing abilities for direction and control of recovery activities as well as for continued daily operations. This includes identifying actions to protect current resources, procedures/guidelines for prioritizing and sharing limited resources, and identifying additional resources for procurement. Communications/Automation resources include, but are not limited to county/city and amateur radio equipment and operations, facsimile machines, telephones, cellular phones, copiers and computers.
- Continuity Of Government: Provides for the preservation, maintenance, and/or reconstitution of the government's ability to carry out its executive, legislative, and judicial processes. Includes preservation of lawful leadership and authority, prevention of unlawful assumption of authority, and prioritization and maintenance of essential services.
- Damage Assessment: Ensures that procedures/guidelines and expertise are available to assess the safety and serviceability of essential government facilities (e.g., EOCs, shelters, hospitals, police and fire stations, schools, highways, bridges, airports, public works etc.), commercial buildings and residential occupancies. Establishes building/ structure accessibility/usability. Damage Assessment should begin as the event is occurring and afterwards, until the full scope of the damage is known.
- Debris Management: Provides for the removal, temporary storage, and disposal of disaster-related debris including hazardous and other contaminated materials. Coordinates with waste haulers, transfer stations, landfill sites and other disposal facilities.
- Demolition: Ensures that appropriate policies, agreements, and procedures/guidelines are in place to facilitate the demolition of public and private structures considered unsafe for habitation or declared an imminent hazard.
- Disaster Assistance: Provides policies and procedures/guidelines for, and information concerning, federal, state, local, private and non-profit disaster assistance programs.

Forrest County Emergency Support Function #14 – Long Term Recovery Annex

- Documentation & Record Keeping: The scope of an extreme emergency calls for deliberate and comprehensive administrative controls. Eligibility for federal assistance is dependent on accurate documentation. Proper documentation with regard to such things as Damage Assessment, Grant Applications, and Costs must be provided to the appropriate entities. Records should be maintained on all aspects of the recovery effort. Figures and facts should be as accurate as possible and will support post-recovery audits. Original copies of records and reports should be retained in Forrest County; only copies should be sent forward to State and Federal agencies. Verification of claims is enhanced by photographic evidence and by individual identity verification using driver's licenses. Individual identity verification is of particular importance for disposition of food stamps, other benefits, and to control reentry operations.
- Donations Management: Provides for coordination of donations to disaster victims, including informing the general public, through the PIO, of specific items needed. Works with businesses, private non-profit organizations, churches, and private citizens to manage receipt, sorting, transport, and delivery of donated goods and services.
- Engineering/Construction: Provides technical advice and evaluations, engineering services, construction management and inspection and contracting services during the disaster recovery period.
- Environmental Services: Provides environmentally based, technical information and support for management of recovery activities. Includes assistance and advice on air quality, soil conditions, natural resources, weather, river levels, and advice on solid waste disposal and environmental permitting.
- Fatality Management: Some disasters may produce mass fatalities, which require a significant amount of management and resources. The County Coroner's Office is the lead agency for the collection, storage, and disposition of all human remains and their personal effects.
- Financial Management: Provides guidance and procedures/guidelines for disaster cost documentation and contingency funding for recovery activities including restoration of government services. Items of concern may include paying bills, meeting payrolls, and maintaining or establishing contractual relationships. Also assesses disaster impacts on municipal bonds and insurance, examines taxation issues such as property reassessment and coordination of cost recovery activities including grant applications for governmental entities.
- Human Resource Management: Provides for coordination of human resource support during disaster recovery activities. Includes assistance with staffing of the EOC and other coordination centers (e.g. phone banks.), coordination of county volunteers (including multi-lingual services), continuation of employee assistance and family contact/support programs and employee education regarding disaster reimbursement policies.
- Individual Assistance: Forrest County may assist State and Federal officials in the establishment of Disaster Recovery Centers (DRC). Such centers are the focal point for making federal assistance available to qualified individuals, families, and businesses. Assistance for qualifying individuals and families is provided through the Individual & Family Grant Program (IFGP); businesses may qualify for emergency funds from the Small Business Administration (SBA).

Forrest County Emergency Support Function #14 – Long Term Recovery Annex

- Infrastructure Management:
 - Repair / Restoration: Prioritizes essential public facilities and provides for coordination of personnel and resources necessary to make temporary or permanent repairs to them.
 - Relocation: Includes locating and leasing temporary office and storage space and the retrieval of needed resources from damaged buildings.
- Legal Program Management: Ensures all of the county's criminal and legal obligations are met. Provides legal guidance and assistance for disaster recovery activities. Includes assistance with preparation of disaster related declarations, rendering opinions regarding planned/proposed actions, and interpreting regulatory actions of other jurisdictions (e.g. state or federal).
- Mental Health/Counseling: Provides for social and psychological counseling for disaster victims, emergency service workers, and disaster recovery workers.
- Preservation of Records: Provides guidance, information and procedures/guidelines for the salvaging of damaged vital records and documents as well as the restoration of information and record systems.
- Public Assistance: Restoring damaged public property, and property owned by certain non-profit organizations, is within the scope of Public Assistance. When approved at the Federal level, such assistance can offset 75 percent of the cost of repair or replacement of a damaged facility or infrastructure asset, such as a road, bridge or sewer line. The State and local jurisdictions must provide the funds for the remaining 25 percent. After a "Presidential Declaration", disaster reports required to support receipt of Federal emergency funds are developed and provided to the State by survey teams comprised of: a Federal representative, a State representative, and a local representative. These disaster reports are forwarded by the State to FEMA.
- Public Information: Provides channels for educating the public on actions to take during the recovery period. Collects, controls, and disseminates public safety, public service and general assistance information. Minimizes the impact of misinformation, rumors, etc. Organizes "Town Hall" meetings. Coordinates within own agency staff, other agencies, the EOC, public information phone centers, and the media.
- Recovery Management: Provides for overall management of recovery activities. Develops strategic goals and policy directives to guide both short and long-term recovery. Keeps elected officials informed of the situation and provides advice on required decisions and appropriate actions. Ensures accurate public information is disseminated. Provides for the safety and welfare of the public and recovery personnel.
- Resource Management: Provides for coordination of the materials, personnel, equipment and facilities for disaster recovery activities.
- Rezoning and Land Use: Ensures ordinances, policies, and procedures/guidelines are in place to allow expeditious zoning and land use decisions following a disaster. Includes procedures/guidelines for building moratoria, fast track permitting, permit restrictions, fee waivers and coordination, and oversight of repairs to historic buildings.

Forrest County Emergency Support Function #14 – Long Term Recovery Annex

- Temporary and Long-Term Housing: Provides for relocation of citizens displaced by a disaster and ensures that housing is available throughout the recovery period.
 - Emergency housing: (Response) the housing of displaced persons for a short period of time.
 - Temporary housing: Refers to temporary quarters for displaced people to live until permanent housing can be found for them.
 - Long-term housing: permanent replacement housing.
- Transportation: Provides transportation (road, rail, water, and air) for personnel, equipment, and supplies to perform disaster recovery activities. Includes maintenance and repair of transport vehicles. Also provides for public transport for dislocated citizens and for coordination of public transportation systems during recovery activities.
- Utilities: Provides for the facilitation and coordination of efforts to fully restore utility services following a disaster. Includes phone, power, water, cable, and sanitation.
- Volunteer Coordination: Provides for recruitment, training, registration, certification, assignment, and recognition of volunteers.

Organization

Mutual Aid Agreements

The Forrest County Emergency Management Agency will initiate mutual aid agreements upon request from municipal government(s) within the county to ensure request for assistance as dictated by the incident or disaster.

Statewide Mutual Aid Compact (SMAC)

County agencies or local government within Forrest County may request assistance after all resources locally have been depleted, through the Forrest County Emergency Management Director for the implementation of the SMAC.

Local Field Units/Teams

Based on the incident within the county, field units or local teams from key state agencies could be deployed to address unmet needs. These teams would coordinate their efforts through the Forrest County Emergency Manager. Personnel assigned key responsibilities for ESF #14 would include but not be limited to:

- MEMA - Assign a Public Assistance staff person to provide liaison between state and county/local governments.
- MDH - Mississippi Department of Health District staff to assist with health issues as a result of widespread health concerns caused by the incident or disaster.

Forrest County Emergency Support Function #14 – Long Term Recovery Annex

- MDA - Mississippi Development Authority/Community Involvement Division would provide field teams to assist in Forrest County with long-term rebuild/recovery projects under the CDBG grant program.
- MDHS - Mississippi Department of Human Services would provide field teams to ensure all human services program under long-term recovery efforts are addressed as dictated by the incident (i.e. replacement benefits, disaster food stamps).
- MDES - Mississippi Department of Employment Security would assist all displaced persons in affected areas with emergency unemployment benefits through mobilization of field teams.
- MDMH - Mississippi Department of Mental Health would provide continuous crisis counseling teams through federal crisis grant to assist with long-term mental health needs.

Emergency Management Assistance Compact (EMAC)

Should the requirement for additional assistance exceed the availability of resources within the State, Forrest County EMA Director through MEMA could receive assistance from outside the state to assist in the recovery process, as Mississippi is a member state of EMAC.

Administrative and Logistical Support

All participating ESF #14 agencies are expected to:

- Coordinate their support with ESF #14.
- Attend and support briefings and other coordination meetings, whether at the EOC or elsewhere.
- Maintain operational logs, messages, requests, and other appropriate documentation for future reference.
- Maintain their maps, displays, status reports, and other information not included in the ESF #5 operations.
- All agencies supporting ESF #14 will receive primary administrative support from their parent organization with additional support from Forrest County EMA as needed.
- All ESF #14 agencies understand that their financial management system, automated or otherwise, used to capture their incurred costs during an emergency, major disaster, or exercise must be in compliance with applicable agency, State, and Federal guidelines, rules, standards, and laws. This understanding is based on the knowledge that any reimbursement of incurred costs is subject to audit.
- All ESF #14 agencies should ensure that their financial management system, automated or otherwise, is used to capture their incurred costs during an emergency, major disaster, or exercise and must be in compliance with applicable agency, state, and federal guidelines, rules, standards, and laws. This understanding is based on the knowledge that any reimbursement of incurred costs is subject to audit.

Actions

Forrest County Emergency Support Function #14 – Long Term Recovery Annex

Preparedness

- Forrest County Emergency Manager should ensure that all county agencies with responsibility under ESF #14 fully understand their requirements to assist in the long-term recovery process.
- Ensure that the Standard Operating Procedures (SOP) are developed and maintained that outlines in greater detail the requirements to carry out long term recovery operations.
- Incorporate exercising ESF #14 as part of the county's annual exercise program.
- As appropriate, involve state, NGOs, and private-sector organizations in pre-event planning activities and training.
- Regularly update required contact list, resource matrix, facilities etc.

Pre-Incident

All local state agencies will provide an individual to the Forrest County EOC to ensure liaison requirements are carried out based on the requirements. The below items indicate other responsibilities that should be implemented as part of pre-incident tasks:

- Forrest County EMA should provide identification of early projects to be quickly implemented, especially those relating to critical facilities based on county and municipal plans.
- In collaboration with local government, assign local staff to work Preliminary Damage Assessment Teams, to help identify and document economic impact and losses in the incident affected area.
- Forrest EMA director should communicate with the SEOC to ensure requirements to leverage any state or federal assistance that could be potentially needed to assist in impacted area.
- Develop/coordinate mechanism and requirements for post-incident assessments, plans and activities that can be scaled or tailored to incidents of varying types and magnitudes.

Incident

Upon activation of ESF #14, the Forrest County Emergency Manager will initiate the following activities/responsibilities:

- Ensure adequate communications are established and maintained.
- Obtain the initial situation and damage assessment through established local teams.
- Coordinate the distribution of assets as needed.
- Maintain a complete log of actions taken, resource orders, records and reports.
- Ensure necessary information is forwarded to the ESF #5 lead for collection to the SEOC in helping to establish priorities.
- Ensure information is provided to ESF #15 for any needed press releases.

Forrest County Emergency Support Function #14 – Long Term Recovery Annex

Post Incident

The Forrest County EMA director would be required to carry out the following responsibilities as part of post-incident requirements:

- Prepare an after-action report that identifies key problems, possible resolutions on how they are to be solved, and makes recommendations for improving ESF response operations. All county agencies will participate in the input of this report and will be disseminated to key county officials, county agencies, NGOs, VOADs and MEMA.
- Gather information from state and local agencies to assess the scope and magnitude of the social and economic impacts on the affected area(s).
- Convene inter-departmental and inter-agency meetings to determine incident specific action plans to support specific community recovery and mitigation activities.
- Coordinate identification of appropriate state programs with MEMA to support implementation of long-term community recovery plans.
- Ensure recovery plan identifies gaps under current authorities and funding and identify through MEMA any possible new legislation needed to address program gaps. This would include necessary waivers, state and federal law compliance as well as measures to prohibit delay of assistance to recipients.

Responsibilities

Forrest County Board of Supervisors

- County Board President or member designated will be required to convene meetings pre- and post-incident to implement requirements of ESF #14.
- Serve as the lead within the county to ensure necessary proclamations and reports are developed and forwarded to MEMA.
- Assist and approve all public information correspondence or media releases.
- Ensure temporary, necessary ordinances or policies are drafted to ensure the safety of all citizens within Forrest County.

Mayors (Cities of Hattiesburg and Petal)

- Ensure policies and procedures are carried out as outlined in ESF #14.
- Serve as the key official within that municipality to ensure necessary requirements as identified are in place (equipment, facilities, etc.).
- Provide any necessary information required by EMA director to ensure public information releases and damage assessment reports are forwarded to SEOC.

Forrest County Emergency Support Function #14 – Long Term Recovery Annex

Forrest County Attorney

- Provide legal advice and interpretation for all policies, waivers, etc. for county needs as part of the long term recovery process to elected officials and the county EMA director.
- Work with the State Attorney General's office to ensure compliance of requirements under the Mississippi Emergency Management Law.
- Work citizen consumer complaints as identified by local government or the office of the EMA director.

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Forrest County Emergency Support Function #14 – Long Term Recovery Annex

Support Agencies Responsibilities

Agency	Functions
Forrest County Chamber of Commerce	• Work with county, municipal and senior elected officials to identify necessary vendors and contractors to facilitate local long-term restoration and recovery. • Coordinate through MDA/Community Division and county elected officials to assist with CDBG efforts for citizens in the affected areas. • Assist in the identification of sites for Emergency Group Homes and temporary trailer parks as necessary by Forrest EMA.
Public Utilities for Cities of Hattiesburg and Petal	• Lead organization to ensure restorations and resources needed are identified and carried out. • Identify needed resources from other utilities within the region to help in widespread county restorations and construction. • Work with ESF #3 coordinator to ensure that areas requiring needed debris removal and road clearance are identified.
Mississippi Volunteer Organizations Active in Disasters	• Assist applicants with temporary housing vouchers. • Identify additional resources or federal programs for persons affected by the incident/disaster.
Forrest County Sheriff's Office	• Serve as the lead law enforcement agency to assure public safety, necessary curfews, crowd control and traffic control points are manned and implemented during periods of no-entry. • Work ESF #14 needs as identified by Forrest County EMA Director.
City of Hattiesburg Housing Authority	• Provide housing assistance and needed resources to persons through rental /leases, purchases (based on availability). • Serve as the local liaison for HUD/USDA applicants affected by disaster/incident. • Assist citizens with locating and providing housing through the federal housing procurement process (i.e. MS Home Corporation).
Forrest County Sheriff's Office	• Serve as the lead law enforcement agency to ensure public safety, necessary curfews, crowd control and traffic control points are manned and implemented. • Work with ESF #13 at state to provide needed assistance.
	• Provide teams to work road clearance and debris removal. • Initial damage assessment. • Distribute supplies and resources within the county.

Forrest County Emergency Support Function #14 – Long Term Recovery Annex

ESF Review and Maintenance

Forrest County Emergency Management will coordinate the biennial revision of this ESF with the Coordinator. The Coordinator will be responsible for obtaining input from the Primary and all Support Agencies. Other unscheduled reviews and revisions may be made after implementation of the plan or because of changes in laws or regulations. Recommendations for changes will be submitted to Emergency Management for approval, publication, and distribution.

Forrest County Emergency Support Function #15 - External Affairs Annex

ESF #15 Coordinator

Forrest County Emergency Management
Agency

Primary Agencies

Forrest County Emergency Management
Agency
Public Information Officer (County
Appointed)

Support Agencies

WDAM TV
WHLT TV
Hattiesburg American
Radio Stations
Clear Channel Radio- WORV
WBBN, WKZW, WXRR, WKNZ

State Primary Agencies

Mississippi Department of Agriculture and
Commerce
Mississippi Department of Corrections

Mississippi Department of Education
Mississippi Department of Employment
Security
Mississippi Department of
Environmental Quality
Mississippi Department of Finance and
Administration
Mississippi Department of Health
Mississippi Department of Human
Services
Mississippi Department of Medicaid
Mississippi Department of Mental
Health
Mississippi Department of Public Safety
Mississippi Department of
Transportation
Mississippi Development Authority
Mississippi Gaming Commission
Mississippi Insurance Department
Mississippi Office of Attorney General
Office of the Governor
Mississippi Military Department
Mississippi Public Broadcasting

Purpose

The purpose of this ESF is to provide for the effective collection, control, and dissemination of emergency public information, and for the minimization of confusion, misinformation, and rumors during times of emergency. Long term public educational efforts related to hazard awareness are also outlined in this annex.

Scope

- The Forrest County PIO, or designee by elected official, along with any additional local agency/department or non-profit organization's PIO support, will implement a public information program, which includes planning and directing public awareness campaigns for such items as severe weather, hurricanes, flooding and tornadoes.
- Forrest County ESF #15, working with the MEMA PIO, will publicize response activities that directly benefit the affected communities in Forrest County. Such activities will include: shelter and feeding locations, road closure information, boil water notices, school closings, health and mental health information, environmental hazards or any other type of information that may be required to assist citizens during an emergency.
- Forrest County ESF #15, working in consultation with the MEMA PIO, will respond to reporter/public inquiries for damage assessments and will publicize any disaster declarations.

Relationship to the Whole Community

Individuals/Community Organizations

The public, both individuals and community organizations, have an important role in assisting with rapid dissemination of information, identifying unmet needs, and mutual support.

Local, State, Tribal, and Area Governments

Counties, municipalities and area authorities retain the primary responsibility for communicating health and safety instructions for their population. Nothing in this annex limits the authority of these authorities to release information regarding an incident under their jurisdiction, particularly if it involves immediate health and safety issues. In the unlikely event that counties, municipalities and area governments are unable to perform these responsibilities, the State may provide vital operational health and safety information to the affected population. Nothing in this document should be construed as diminishing or usurping those responsibilities.

Private Sector/Nongovernmental Organizations

The private sector is a component of external affairs. Coordinated communication and collaboration with the private sector supports effective incident response by integrating private sector capabilities and information into response operations. Information must be coordinated across various levels of government to identify needs, convey resources available for business recovery, and facilitate collaborative support for support for economic recovery. Information must be disseminated about response and other important information to the private sector through public outreach and education methods, such as media campaigns, workshops, roundtables, and trainings.

Core Capabilities and Actions

ESF Role Aligned to Core Capabilities

The following table lists the Response core capability that ESF #15 most directly supports, along with the particular ESF #15 actions related to that core capability. Though not listed in the table, all ESFs support the core capabilities of Planning and Operational Coordination. **The actions listed beside each core capability in this table apply to local, state, tribal, federal and NGOs.**

Forrest County Emergency Support Function #15 - External Affairs Annex

Core Capability	ESF #15 – External Affairs
Public Information and Warning	External Affairs • Provides accurate, coordinated, and timely information to affected audiences. • Provides communications support and advice to the leaders during an incident. • Conducts communications planning. Public Affairs • Coordinates messages with local, state, tribal and area Federal governments from a National Joint Information Center (NJIC). • Gathers information on the incident. • Provides incident-related information through the media and other sources in accessible formats and multiple languages to individuals, households, businesses, and industries directly or indirectly affected by the incident, including those with disabilities and others with access and functional needs. • Monitors news coverage to ensure that accurate information is disseminated. • Disseminates incident information to new media (official Web sites, social networking platforms) to ensure wide delivery of life saving information. • Maximizes the use of video and digital imagery to communicate during incidents. • Handles appropriate special projects, such as news conferences and press operations, for incident area tours by government officials and dignitaries. • Provides basic services, such as communications and supplies, to assist the news media in disseminating information to the public. • Oversees media relations. • Ensures effective communication of incident information to individuals with disabilities and others with access and functional needs through the use of appropriate auxiliary aids and services, such as sign language and other interpreters; captioning of audio and visual materials; and accessible Web site communications.

Forrest County Emergency Support Function #15 - External Affairs Annex

	Community Relations • Conducts outreach to the whole community, including limited English proficiency populations and those with disabilities and others with access and functional needs. Disseminates critical information to survivors and affected communities on available disaster assistance programs and other relevant recovery information. • Coordinates closely with the affected state(s) to identify community leaders (e.g., grassroots, political, religious, educational, business, labor, ethnic, and racial) and neighborhood advocacy groups to assist in the rapid dissemination of information, identify unmet needs, establish an ongoing dialogue and information exchange, and facilitate collaborative local, state, tribal, territorial, insular area, or Federal planning and mutual support for disaster response. Prepares an initial action plan to support Unified Coordination Group with incident-specific guidance and objectives. Develops and disseminates reports to key decision makers to provide situational awareness and share critical, actionable information gathered from the field. • Serves as the primary liaison between the Federal response operations and the community. Engages with community through door-to-door outreach, public meetings, and other external affairs activities. • Conducts assess, inform, and report (AIR) activities to improve situational awareness. Congressional Affairs • Prepares an initial congressional affairs action plan to support the Unified Coordination staff with incident specific guidance and objectives. • Establishes contact with congressional offices representing affected areas to provide information on the incident.
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Forrest County Emergency Support Function #15 - External Affairs Annex

	• Coordinates with Congressional Affairs staff from all federal agencies involved in the response to ensure consistency and transparency in communicating with members of Congress. • Organizes Congressional briefings. • Arranges for incident site visits for members of Congress and their staffs. • Responds to congressional inquiries. • Assists in the development of written materials for presentations and making congressional notifications. Intergovernmental Affairs • Promotes Federal interaction and implements information sharing with local, state, tribal and area governments. • Informs local, state, tribal, territorial, and insular area elected and appointed officials on response efforts and recovery programs. • Disseminates information with the assistance of state municipal leagues, county associations, and tribal governments. • Promotes Federal interaction with tribal governments on all aspects of incident response operations. • Ensures inclusion of tribes in all aspects of incidents and incident response operations, if necessary. Joint Information Center • Serves as a central point for coordination of incident information, public affairs activities, and media access to information regarding the latest developments. ○ Incident JIC: Is the physical location where all public affairs professionals involved in the response work together to provide critical emergency information, media response, and public affairs functions. ○ Virtual JIC: Links all participants through technological means (secure or non-secure) when
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Forrest County Emergency Support Function #15 - External Affairs Annex

	geographical restrictions, incident management requirements, and other limitations preclude physical attendance by public affairs leadership at a central location. ○ Satellite JIC: Is a forward-deployed component of an incident JIC. ○ Area JIC: Multiple JICs may be used when there are multiple Joint Field Offices (JFOs) to support the area command Unified Coordination structure and whenever multiple JICs are operating Plans and Products • Educates the public in the aftermath of an incident through news advisories, press releases, prepared materials, fliers, and talking points. • Develops new media products for dissemination, such as blog posts, messages for social media, update messages, video, and digital imagery. Private Sector • Provides strategic counsel and guidance to response leadership in actual or potential incidents. • Conducts outreach and education. • Promotes operational integration with the impacted private sector entity to support local economic response and recovery. • Supports situational awareness by engaging the private sector in information sharing efforts.
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Policies

- Forrest County will endeavor to release timely and accurate emergency information to the public concerning emergency preparedness, response and recovery.
- Life-safety information and instructions to the public have first priority for release.
- Mission assignments to departments or jurisdictions for public affairs should be agreed upon by those entities prior to an actual emergency or disaster.

Forrest County Emergency Support Function #15 - External Affairs Annex

- Forrest County and its incorporated cities and towns are entitled to release information concerning their emergency actions. Any releases prepared by the EOC, city, or town which quote or mention another jurisdiction should be coordinated with the respective jurisdiction before being released.
- This annex is effective upon approval.
- All appropriate governmental and volunteer agency resources should be used as available.
- All services should be provided without regard to economic status or racial, religious, political, ethnic, or other affiliation.
- Forrest County's response during incidents, emergencies, or disasters is based on the availability of resources. If the response requirements go beyond local capabilities, mutual aid, state, and/or federal assistance should be requested.
- All requests from appropriate local jurisdictions to the state for medical and public health assistance should be assumed to be valid.
- All organizations are responsible for the development and maintenance of their own internal operating and notification procedures. No part of this annex is intended to supplant agency SOG/SOPs.
- All organizations are responsible for filling any important vacancies; recalling personnel from leave, if appropriate; and, alerting those who are absent due to other duties or assignments.
- Personnel designated as on-scene responders or representatives to the EOC should make prior arrangements to ensure that their families are provided for in the event of an emergency, so to ensure a prompt, worry-free response and subsequent duty.

Concept of Operations

Assumptions

- Emergencies and disasters may occur without warning at any time of day or night, and may cause mass casualties.
- A public education and information program will help save lives and property during emergencies and disasters if the public knows how to prepare for them.
- In an emergency situation, the public will demand information about the emergency and the protective actions to be taken.
- Local print and broadcast media will cooperate in broadcasting, publishing, and posting on the web detailed disaster-related instructions to the public.
- Normal means of communications in the affected areas may be either destroyed or largely incapacitated; therefore, only limited and incomplete information is anticipated from the disaster area until communications can be restored.

Forrest County Emergency Support Function #15 - External Affairs Annex

- Responding agencies will provide information to reduce public concerns about the incident and response activities.
- Sufficient trained support personnel will be available to help coordinate public information and interface with the media and other agencies.
- Demands for information from media outside the jurisdiction will be significantly increased in a disaster.
- State-level news releases should be coordinated with the designated County PIO and not conflict with local-level releases.
- Rumor control procedures directed by the designated County PIO should prevent incorrect information from affecting emergency response activities.
- The EOC PIO maintains listings of media contacts and Emergency Alert System (EAS) networks and relies on those contacts and networks for the dissemination of Emergency Public Information.
- During a county-wide or large disaster, a Joint Information Center (JIC) may be established to coordinate the dissemination of information about all county, state and federal disaster response and recovery programs.
- Information is one of the first casualties of a disaster. Rumors often abound and information is usually sketchy at best. It may be hours before officials know the facts. The lack of information or contradictory information may cause confusion. The public may accept as valid rumors, hearsay and inaccurate information which may cause unnecessary fear and confusion.

General

- Forrest County Emergency Management Agency has the primary responsibility for disseminating information affecting their localities. This information will also be provided to MEMA in order to establish a consolidated report for release to the news media statewide.
- Emergency information efforts will focus on specific event-related information. This information will generally be of an instructional nature focusing on such things as warning, evacuation, and shelter. It is also important to keep the public informed of the general progress of events. A special effort will be made to report positive information regarding emergency response in order to reassure the community that the situation is under control.
- Rumor control will be a major aspect of the informational program. Along with this will be the use of public feedback as a measure of the program's effectiveness. Educational efforts will be directed toward increasing public awareness about potential hazards and how people can deal with them. All information and education efforts will rely heavily on the cooperation of commercial media organizations.
- The Forrest County Emergency Management Agency maintains a daily public information awareness program and has designated one or two individuals to serve as its official Public Information Officer(s) or disaster spokesperson(s).
- The majority of the information that ESF #15 will disseminate to the public through the media will come from the PIO via situation reports, county news releases, and one-on-one contact with other

Forrest County Emergency Support Function #15 - External Affairs Annex

ESFs. Situation report information will be double-checked by ESF #15 staff before it is released to the media and publicized; EOC staff should not quote situation reports to the media.

- ESF #15 will publicize, through the media and other means, response activities that directly benefit affected communities. Response activities that would be publicized include location of shelters and feeding stations, location of comfort stations, boil water orders, road closure information, school and office closing information, and environmental hazards.

Organization

Lead Public Information Officer

The Forrest County Public Information Officer will oversee the information flow to the media/public by coordinating all PIO activity.

County EOC

The Forrest County Emergency Operations Center (EOC) will serve as the centralized point for all information to be released to the public concerning the disaster along with decisions, suggestions, and instructions.

Administrative and Logistical Support

All participating ESF #15 agencies are expected to:

- Coordinate their support with ESF #15.
- Attend and support briefings and other coordination meetings, whether at the EOC or elsewhere.
- Maintain operational logs, messages, requests, and other appropriate documentation for future reference.
- Maintain their maps, displays, status reports, and other information not included in the ESF #5 operations.
- All agencies supporting ESF #15 will receive primary administrative support from their parent organization with additional support from Forrest County EMA as needed.
- All ESF #15 agencies understand that their financial management system, automated or otherwise, used to capture their incurred costs during an emergency, major disaster, or exercise must be in compliance with applicable agency, State, and Federal guidelines, rules, standards, and laws. This understanding is based on the knowledge that any reimbursement of incurred costs is subject to audit.
- All ESF #15 agencies should ensure that their financial management system, automated or otherwise, is used to capture their incurred costs during an emergency, major disaster, or exercise and must be in compliance with applicable agency, state, and federal guidelines, rules, standards, and laws. This understanding is based on the knowledge that any reimbursement of incurred costs is subject to audit.

Forrest County Emergency Support Function #15 - External Affairs Annex

Actions

Preparedness

- Develop and maintain a public information and educational program.
- Appoint and ensure proper training of PIO.
- Develop and maintain a working relationship with the media.
- Develop and maintain a current list of radio stations, television stations and newspapers to be used for public information releases (Appendix 1).
- Develop Standard Operating Guides (SOGs) and checklists in conjunction with the support agencies for this ESF.

Pre-Incident

- Determine the level of response required by ESF #15 to respond to the event.
- Staff ESF #15 as needed in the Forrest County EOC.
- Mobilize resources and coordinate response.
- Brief media spokesperson.

Incident

- Provide updates to the news media concerning disaster conditions and actions taken pursuant to those conditions.
- Coordinate rumor control.
- Schedule news conferences.

Recovery

- Provide public information.
- Compile record of events.
- Assess effectiveness of information and education programs.

Post-Incident

- Coordinate with MSVOAD personnel to determine what volunteer goods and services are most needed in the disaster area.

Forrest County Emergency Support Function #15 - External Affairs Annex

- Prepare an after action report to identify lessons learned, issues and recommendations for resolutions to be forwarded to Forrest County Emergency Manager.

Responsibilities

Forrest County Emergency Management

- Develop and maintain a public information and educational program.
- Maintain a working relationship with the media.
- Appoint a public information officer to disseminate the information.
- Provide concerned citizens with official public information and disaster awareness brochures prior to emergencies.
- Designate a briefing room for media representatives within the EOC or other designated location, and provide news releases to mass media to insure accurate reports and consistent information flow.
- Publicize the telephone number where the public can obtain official disaster information.
- Develop an SOG and checklist in conjunction with the support agencies for this ESF.
- Provide MEMA with periodic updates of the disaster situation.

Public Information Officer (PIO) [Appointed by County Government]

- Direct all emergency public information efforts during actual disasters and provide news releases to the media.
- Check all print media for accuracy of reports.
- Maintain close working relationships and working agreements with a current list of radio stations, television stations and newspapers to be used for public information releases (Attachment 1).
- Obtain all disaster information from EOC officials.
- Receive, compile, and prepare authoritative information with other local governmental agencies.
- Coordinate the release of disaster-related information with other agencies and departments to include MEMA.
- Provide a rumor control function to stop inaccurate information from wide circulation.

Support Agencies Responsibilities

Agency	Functions
Local Media (TV Stations, Radio Stations, Newspapers)	• Provide coverage of emergency management activities • Work with Emergency Management on educational programs • Check accuracy of information with Emergency Management

Forrest County Emergency Support Function #15 - External Affairs Annex

ESF #15 Reviews and Maintenance

It is the responsibility of Forrest County Emergency Management, in conjunction with the PIO, to coordinate with all support agencies to review this ESF annex biennially. Recommendations for change will be submitted to the Forrest County Emergency Manager for approval, publication, and distribution to all plan holders.

Appendices

Appendix 1 – Forrest County Media Listing and Contacts

Appendix 2 – Forrest County Public Information Officer Checklist

Appendix 1

Forrest County Media Listing and Contacts

	Newspapers	• Hattiesburg American
	Radio Stations	• Clear Channel Radio Stations, WORV, WBBN, WKZW, WXRR, WKNZ
	Television Stations	• WDAM, WHLT
	Social Media	• The Emergency Management District, City of Hattiesburg, City of Petal

Space intentionally left blank

Forrest County Emergency Support Function #15 - External Affairs Annex

Appendix 2

Forrest County Public Information Officer Checklist

Mitigation Phase

- ☐ Stay current or familiar with the latest techniques for emergency management information.
- ☐ Meet regularly with members of the media to foster a close working relationship.
- ☐ Conduct public education and media programs as needed.

Preparedness Phase

- ☐ Maintain close liaison with local, state, and federal PIOs as well as the media to enhance public preparedness and awareness prior to an emergency, and to facilitate dissemination of actual incident information.
- ☐ Participate in emergency drills and exercises to test plans for effective and consistent information release.
- ☐ Attend PIO conferences and training sessions.
- ☐ Compile and prepare emergency information for the public in case of emergency.
- ☐ Coordinate public education/awareness campaigns with the EMA office.

Response Phase

- ☐ Reports to the EOC, upon activation.
- ☐ Contacts the media and informs them about the emergency.
- ☐ Serves as an official Forrest County spokesperson and the sole source for dissemination of official emergency related materials to the public. *Remind agency heads to clear all releases through you.*
- ☐ Activates the Public Information web site and regularly updates it with the latest information.
- ☐ Coordinates all public announcements with the Incident Commander.
- ☐ Issues news media releases from the EOC, or, if activated, establishes and coordinates all actions at the Joint Information Center (JIC).
- ☐ Provides for briefings with the participation of the EMA and other involved officials.
- ☐ Insures that the JIC has the most current information.
- ☐ Verifies the authenticity of incoming information.
- ☐ Verifies that duplicate or contradictory releases are not being made.
- ☐ Takes action to maintain control of rumors.
- ☐ Coordinates with the American Red Cross to establish a single point of contact for the public to obtain information concerning missing relatives.
- ☐ Public Information Officers should provide news releases that emphasize the following:
 - A clear identification of the affected area
 - Timely, accurate and easily understood information on the situation.
 - Recommended or ordered protective actions.
 - Descriptions of local, State and Federal response to the emergency.
 - Identification of stations and times for information updates.
 - At the end of an emergency situation, request that broadcast media announce the end of the emergency at regular intervals to ensure complete dissemination to the public.
- ☐ After an emergency is terminated, continue to provide information to the media concerning recovery operations
- ☐ Maintains current files and accurate records of all information released to the public and media which should include, but not be limited to:

Forrest County Emergency Support Function #15 - External Affairs Annex

- Name, agency, and phone number of the release initiator.
- Text, tape, or video of the news release.
- Substantiating information for the release.
- Date and time information received.
- Date and time information released.
- How and to whom the news release was issued.

Recovery Phase

- 1. Maintain status board.
- 2. Continue to brief the media about continuing developments.
- 3. Critique the public information response to the emergency with the media, DESC and agency heads.
- 4. Incorporate appropriate recommendations to revise the plan.
- 5. Release available statistics on disaster damage, injuries and fatalities.
- 6. Inform the public on available assistance - and the location of shelters and disaster assistance centers.
- 7. Provide the media information on the progress of recovery efforts.

The Emergency Management District



EMERGENCY PROCEDURES

TROPICAL STORM / HURRICANE

SEP 02

Updated
April 2017

PROCEDURES

THE EMERGENCY MANAGEMENT DISTRICT will proceed as indicated in following phases:

Phase I

A TROPICAL STORM has formed in the Atlantic Ocean, Caribbean Sea or the Gulf of Mexico. Personnel will begin tracking the Storm and keep updated on the development and potential threat to the area.

1. Track the Storm by computer daily.
2. Brief the Director daily on the location, direction of travel, development and potential increase in strength.

Phase II

THE TROPICAL STORM has become a HURRICANE with wind speeds of 74 mph or greater. The HURRICANE is predicted to enter the Gulf of Mexico.

1. Continue to monitor and track the Hurricane as outlined in Phase I.
2. Review all Hurricane plans and procedures.
3. Update contact list for Emergency conditions.
4. Perform preventative maintenance on all equipment that may need to be utilized in an emergency.

Phase III

THE HURRICANE has entered the Gulf of Mexico and has the potential to become a Category 2 or higher.

1. All District Employee vacations and scheduled days off will be suspended until that time when the Hurricane has cleared our area.
2. A governmental authority briefing will be held to ensure each government entity is aware of the potential danger. Each entity will be urged to implement Pre-emergency actions in their areas.
 - a. Equipment/Supply check.
 - b. Shortfall reports are developed to identify items of equipment or personnel that will be

requested to support any emergency operations in response to the Hurricane.

- c. Emergency Management personnel will contact MEMA for information and coordination when and if the Hurricane impacts the District.
- d. Alert Ham Operators for possible activation.
- e. Tornado drill is conducted over the WAPS system to insure that all pagers are working and that everyone is informed of the procedures to follow if a tornado warning is issued.
- f. Monitor National Weather Bulletins and disseminate information to all responding agencies in both counties (i.e. Fire-Law-Medical-Supervisors-Mayors).
- g. Develop shift schedule for District employees that can be initiated quickly if conditions warrant.
- h. Page out Storm Advisories and coordinates as received.

Phase IV

HURRICANE IS CATEGORY 2 or higher and the Mississippi Gulf Coast has been placed under a Hurricane Watch and the hurricane is expected to make landfall within 48 hours.

1. EOC staffing is increased to a 24-hour operation. The day shift and night shift will activate the Operations Room to monitor storm progress and report vital information to appropriate agencies. **Prior to the 24 hours landfall prediction the NIGHT SHIFT will consist of the Duty Officer and Radar Observer if required.
2. Continue to update all city and county agencies on Hurricane status (i.e. location and strength).
3. Begin preparation for emergency conditions if hurricane continues to track towards our area.
4. Monitor local weather conditions for severe weather and issue watches and/or warnings as directed by National Weather Service.

5. Conduct coordination meeting with all Emergency Response Agencies

- a. Brief on hurricane location, track, predicted landfall, and possible threat.
- b. Re-establish all emergency contact personnel.
<Who to call list>.
- c. Develop resource list from within the county and cities of Hattiesburg & Petal, for availability of Mutual-Aid with the District.
- d. Review road clearing plans and priority list.
- e. Make contact with utility companies within the District. Who to contact? How to contact?
- f. Determine who would serve as liaison for each position in the EOC during full activation.
- g. Contact PIO to begin duties.
- h. Develop and disseminate a News Release on the projected path of the storm. Emphasize PUBLIC AWARENESS PROGRAM IN PLACE.

Phase V

THE HURRICANE is a Category 2 or higher and is to make landfall within 24 hours and will impact the Forrest County area.

- 1- Full EOC activation begins.
- 2- EOC activation SOP is implemented.
 - a. Notify all Skywarn personnel of severe weather potential.
 - b. Maintain contact with MEMA.
 - c. Maintain contact with Camp Shelby EOC for coordination and support if it is used as an evacuation center.
 - d. Begin traffic monitoring to determine the impact or problems with any evacuation of coastal counties.
 - e. Recommend that cities and county declare a local State of Emergency.

- f. Request assistance from MEMA for shortfalls in equipment and resources that will be needed during the emergency.
- g. Implement plan for using State Guard in EOC operations.

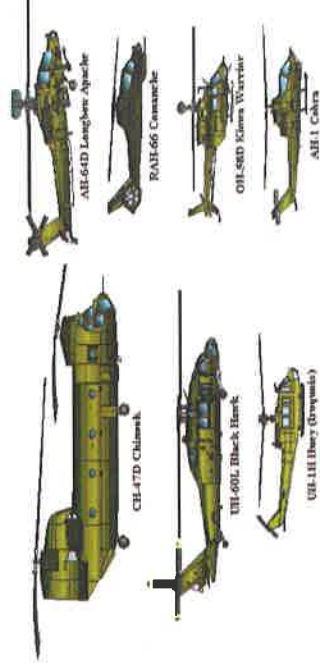
Phase VI

THE HURRICANE has passed the District and has caused damage. Weather conditions are now such that Recovery Operations can begin (i.e. Search and Rescue, Damage Assessment, Clearing debris).

- 1. Recovery Operations
 - a. Coordinate with Fire, Law Enforcement, and Public works for initial damage assessment.
 - b. Coordinate SAR with the District.
 - c. Request assessment assistance from MEMA/FEMA.
 - d. Document all damages using video camera and paper documentation.
 - e. Develop daily news briefings on conditions in the District. (Coordinate with PIO).

EOC Operations remain fully activated until all conditions are returned to safe or normal.

AIRCRAFT ACCIDENT RESPONSE PLAN



Prepared by:

THE EMERGENCY MANAGEMENT DISTRICT
4080 US HWY 11
HATTIESBURG, MS 39402

JULY 2002

Updated: October 2010
March 2011
January 2012
April 2017

INTRODUCTION

The purpose of this emergency response plan SOP is to establish an efficient, reliable, and fast procedure to provide support to local Emergency Response Agencies in the event of an Aircraft Accident in our area.

This SOP may be implemented in times of emergency, disaster, or individual incident involving Aircraft.

This SOP supersedes any Aircraft Accident Plan/SOP dated prior to this date.

Glen Moore, Executive Director

Date

AIRCRAFT ACCIDENT SOP

PURPOSE

This response plan is designed to provide emergency responders with the minimum information necessary to respond to an aviation mishap. Individual agencies are encouraged to customize the plan as needed. Remember time is an extremely critical factor in responding to an emergency situation. Immediate positive action is necessary; delay may effect someone's survival.

CONCEPT OF OPERATIONS

Aircraft wreckage sites can be hazardous for many reasons other than adverse terrain or climatic conditions. Personnel involved in the recovery, examination, and documentation of wreckage may be exposed to physical hazards posed by such things as hazardous cargo, flammable and toxic fluids, sharp or heavier objects, and disease. It's important to exercise good judgment, utilize available protective devices and clothing and use extreme caution when working in the wreckage. Do not exceed your physical limitations.

Treat the area like a crime scene. Arrange for security at the accident scene. Determine if Hazardous Materials are on the aircraft and request special assistance if necessary. Wreckage and cargo should not be disturbed or moved except to the extent necessary.

911 CALL REPORT OF AIRCRAFT ACCIDENT:

Notify the following:

***** Flight Service Station - 1-800-992-7423**
FSS Supervisor - 1-703-724-4288

____ Police

*Hbg – 601-545-4910 (Centralized Dispatch)

*Petal –601- 544-5331

____ Sheriff

* Forrest County Sheriff – 601-544-7800

____ Fire

*HBG – 601-545-4910 (Centralized Dispatch)

*Petal – 601-544-5331

*FC Vol Fire 601- 544-7800 (Sheriff's Office)

____ Ambulance

*AAA Ambulance (601-264-3404)

____ Emergency Management

*Forrest Co EM – 601-544-5911

____ Coroner

*Butch Benedict – (off. 601-5821571 or
FCSO 601--544-7800 © 601-270-6116)

____ Hospital

*Forrest General Hospital - ER – 601-288-2100

*Wesley Medical – ER – 601-268-8193

____ FAA (call first)

*Regional Communication Center 1-404-305-5180
24/7/365 yearly

____ Lockheed Martin Flight Services (24/7/365)
1-800-992-7433 or 1-877-487-6867 (call 2nd)
New Orleans Watch Supervisor 1-281-230-5551

____ Mississippi Flight Standards District Office
Office 601-664-9800 Fax 601-664-9910

____ Military Facility (if military aircraft)
* Camp Shelby – Directorate –601- 558-2491

- * Camp Shelby – Operations – 601-558-2768
- * Camp Shelby – Security –601- 558-2448

_____ MEMA <Ms Emergency Management Agency>
(1-800-222-6362 emergency# or 601-933-6362)

**PROVIDE THE FOLLOWING INFORMATION: (this info will be requested by
FAA <Federal Aviation Agency> & FSDO <Flight Standards District Office)**

- ✂ “N” Number of the Aircraft (located on the tail of the plane) _____
- ✂ Location of the Accident _____
- ✂ Local contact number (for directions or further info) _____
- ✂ Aircraft type (single engine, multi-engine, fixed wing, rotor, model) _____
- ✂ Number of injuries _____
- ✂ Number of fatalities _____
- ✂ Time accident was discovered and or reported _____

CRASH SITE PROCEDURES:

- ☒ Secure the area and keep spectators out
- ☒ Establish entrance and exit routes for Emergency Vehicles
- ☒ Rescue any injured
- ☒ Establish “No Smoking” zone
- ☒ Prevent handling or disturbance of wreckage (to include small pieces
that may be scattered away from the aircraft)

- ☒ Do Not disturb instruments or throttle position
- ☒ Switch off battery power (if this can be done safely – and note that this was done... battery switch is usually located within the pilot's reach – on the left bottom side of the instrument panel or the left bulkhead of the aircraft)
- ☒ Secure any items recovered for protective purposes such as: log books, certificates, mail, manuals, or other documents found.
- ☒ Do NOT allow owner/operator of aircraft into the site.
- ☒ Be aware of HAZMAT safety procedures
 - Fuel spillage / Fire Hazard
 - BIO Hazard (use breathing protection and gloves that protect from pathogens)
- ☒ Locate ELT (Emergency locator transmitter) and turn off.
- ☒ Identify any witnesses and obtain statement and their names, addresses and contact numbers.
- ☒ Note direction of impact
- ☒ Note weather conditions
- ☒ Follow FAA Directions and notate name and badge / ID number of FAA Official

RESCUE PROCEDURES

- ⚠ Use caution in approaching wreckage by vehicle, particularly if the approach is along the crash path as:
 - Survivors may have been thrown out.
 - Valuable evidence could be destroyed
 - Fuel spillage may ignite
- ⚠ Render First Aid to survivors until you are relieved by medical personnel
- ⚠ If there is a post-crash fire or indications of the possibility of fire or explosion move survivors a safe distance away
- ⚠ Verify that medical aid has been requested and is in route

- ✎ If passengers are trapped inside, try to rescue them through an escape hatch or larger aircraft or main door on smaller aircraft
- ✎ Many aircraft carry fire extinguishers and first aid kits that may be available for use.

RECOVERY OF BODIES

- ✎ With FAA approval bodies may be removed. However, detailed pictures and drawings must be completed to document the site before any disturbance is made.
- ✎ Note which body was where to identify pilot and co-pilot. (normally left seat is pilots)
- ✎ Determine how bodies will be handled, identified, and stored. (Coroner will guide)
- ✎ Alert Coroner NOT to embalm any bodies. FAA will provide a TOX-BOX for pathological and toxicological test.

GENERAL INFORMATION

- ☐ Determine land ownership and access to crash site.
- ☐ Determine resources needed for recovery, access, and clean up
- ☐ Establish Incident Command Structure
- ☐ Establish staging areas for responders
- ☐ Establish triage for injured
- ☐ Designate commo channel for responders
- ☐ Designate area for family to be briefed
- ☐ Alert CISM team for assistance

SITE SECURITY

- ✎ Establish a limited access perimeter around the site.
- ✎ Determine access points to the site

- Site is to be secured as a crime scene until released by FAA or NTSB

MEDIA RELATIONS:

- Do NOT release names of victims to News Media
- Release only:
 - Type of Aircraft
 - "N" Aircraft number
 - Number of people involved
- Assign a Media staging area (JIC – joint information center)
- Designate a PIO

MILITARY AIRCRAFT

- Notify nearest military facility
- Contact FAA
 - 1-800-992-7423
 - Washington Supervisor 1-703-724-4288
- Establish security zone
- Be aware of presence of explosives (ordnance or ejection seats, etc.)
- Do NOT raise, move, or tamper with armrest as they may activate ejection seats and can be extremely dangerous.
- Orange and yellow markings on the outside designate escape hatches.
- Secure area
- Be prepared to turn incident over to military unless civilian aircraft involved in accident or if civilian injuries or property involved.
 - Camp Shelby Switch Board 601-558-2000
 - MEDEVAC 601-558-2256
 - Range Control 601-558-2706

HAZARDS OF AIRCRAFT CRASH

- ◇ Fuel spillage may ignite
- ◇ Oxygen bottles may explode
- ◇ Fire extinguisher may explode
- ◇ Hazardous materials may be present
- ◇ Bio Hazards (pathogens) may be present (use PPE)
- ◇ Composite materials in aircraft can cause an extremely dangerous breathing hazard (use breathing protection when approaching wreckage)
- ◇ Military aircraft have explosive charges in ejection seats and may have live ordnance.
- ◇ Do NOT move the propeller the slightest movement CAN cause the engine to start.
- ◇ Turn off Battery switch (usually located on left bottom side of the instrument panel or left bulk head, avoid moving any other switch and **record that the battery switch was turned off.**
- ◇ Aircraft used for agricultural applications may contain hazardous materials. Use PPE for rescue. (Notify MEMA for DEQ notification)

AIRCRAFT ACCIDENTS ARE NOT COMMON IN OUR AREA HOWEVER, THEY CAN AND DO OCCUR. WE ARE IN AN AREA OF MAJOR COMMERCIAL AND MILITARY TRAFFIC PATHS. IF YOU ARE THE FIRST ON SITE AT AN AIRCRAFT ACCIDENT REMEMBER THE DANGERS PRESENT.

YOUR GOAL SHOULD BE RESCUE, ADVISE AND GUARD UNTIL OTHER AUTHORITIES ARRIVE.

Contact FAA

Call FAA toll-free 24 hours a day at 1-866-TELL-FAA (1-866-835-5322)

Call Flight Service Station – 1-800-992-7433

Consumer Hotline – ask questions about FAA-monitored consumer issues
Hazardous Materials – report specific violations
Whistleblower Hotline – aviation industry employees can report information relating to air carrier safety or participate in other protection activities

Report

Maintenance improprieties

Low-flying aircraft

Aircraft incidents

Federal Aviation Regulation (FAR) violations

Call Aviation Consumer Protection at (202) 366-2220 to:

Report a concern about airline service including:

Lost baggage

Ticketing

Denied boarding

Visit the Department of Transportation [Air Travel Service Problems](#) webpage

Flight Standards District Offices (FSDO)

Contact your local FSDO for information on:

Accident investigations

Air carrier certification and operations

Aircraft maintenance

Aircraft operational issues

Aircraft permits

Airmen certification (licensing) for pilots, mechanics, repairmen, dispatchers, and parachute riggers

Certification and modification issues

Enforcement and investigation issues

Low-flying aircraft

Call Transportation Security Administration toll-free (866) 289-9673 to:

Report specific violations and concerns about security.

Visit the Transportation Security Administration [Transportation Security and Baggage](#)

[Screeners Concerns](#) webpage

Freedom of Information Act (FOIA) Requests

[How to Make a Request](#)
[Headquarters FOIA Office](#)
[Region and Center FOIA Offices](#)
[Documents and Publications](#)

For More Information:

[Accessibility Help Desk Email](#) for Section 508 difficulties accessing this site.
[Aircraft Noise Issues](#)
[Aviation Education Program Managers](#)
[FAA Online Telephone Directory](#)
[Find FAA Offices](#)

To search for answers or to ask a question of your own, visit our [Frequently Asked Questions](#).

To submit comments or questions about the website, [email us](#).

FAA Headquarters

Federal Aviation Administration
800 Independence Ave, SW
Washington, DC 20591

Mississippi Flight Standards District Office (FSDO)

100 West Cross Street
Suite C
Jackson, Mississippi 39208

Phone: (601) 664-9800 Fax: (601) 664-9910

Office Hours: 8:00 a.m. to 4:30 p.m., Central Time, Monday – Friday
Office visits by appointment only

Who We Are

[Employee Directory \(PDF\)](#)
[Customer Feedback Form](#)

News & Programs

[Aviation Safety Program](#)

Resources

Mechanic Information

[Designated Mechanic Examiners](#)
[Designated Airworthiness Representatives](#)

[Part 147 Mechanic Schools](#)

Pilot Information

[CFI Initial Practical Test](#)

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[Part 141 Pilot Schools](#)

General Information

[Computer Testing Centers](#)

[Mississippi Air Carriers](#)

TERRORISM

ANNEX

The Emergency Management District

April 2017

TERRORISM - Annex

Definition of Terrorism: A violent act or an act dangerous to human life, in violation of the criminal laws of the United States or any segment to intimidate or coerce a government, the civilian population or any segment thereof, in furtherance of political or social objectives.

Domestic Terrorism: Involves group or individuals whose terrorist activities are directed at elements of our government or population without foreign direction.

International Terrorism: Involves groups or individuals whose terrorist activities are foreign based and/or directed by countries or groups outside the United States or whose activities transcend national boundaries.

GENERAL CONSIDERATIONS

1. TERRORISM OR NOT! Terrorist activities present a greater challenge in the identification of the event as Terrorism driven, crime scene consideration and identification of extended targets.
2. THE TRUE TARGET! It is critical that terrorist threats be handled with extreme caution. The true target may be the responder (Fire, Police, EMS) and secondary devices may be present.
3. PROTECTION OF THE CRIME SCENE! We may not only have a hazardous situation that may be extremely dangerous to responders and the general public but we MUST also insure that the crime scene is protected for evidence.

PPD-391 U.S. POLICY ON COUNTERTERRORISM

According to the Presidential Decision Directive PPD-391 U.S. on Counter-terrorism, dated June 21, 1995, the FBI will be the agency in charge of any Terrorist events. This directive adds a new player to the list of agencies responding. However, we must realize that the FBI will most likely be hours away from responding. This means local response units will be first on scene and MUST perform the critical tasks required to protect life and property, as well as protect the crime scene, do evacuation, isolate the area and deal with the incident.

RECOGNIZING TERRORISM

1. TYPE OF EVENT!

Explosives and/or incendiaries are some of the favorite terrorist weapons. Explosions or Fire in areas that would not seem likely could signal a terrorist threat.

Incidents involving firearms when they occur in conjunction with other incidents might be a terrorist event.

Non-Trauma mass casualty incidents such as a large number of victims in a given area without injury may also be a signal of terrorism activities.

2. **TIME OF THE EVENT!** Timing of the event might also be a signal if it occurs on significant anniversaries. A fire at a governmental office during non-office hours might be a signal.
3. **ON-SCENE WARNING SIGNS!** On-scene warning signals such as unexplained patterns of illnesses or death, chemical containers, spray devices or lab equipment may indicate possible terrorist activity.

PROTECTIVE MEASURES

The best protection for first responders during terrorist events is based on avoiding or minimizing exposure through the principals of Time, Distance, and Shielding.

TIME – spend the shortest amount of time in the area as possible. Be aware of the reported ignition time of the bomb threat and wait until it has passed before beginning the search.

DISTANCE – make sure you are far enough away and up wind to prevent exposure.

SHIELDING – use protective clothing and shield behind vehicles, buildings and solid objects that protect against the blast or exposure.

TYPES OF HARM

There are several types of harm that you can be exposed to. These are categorized utilizing the acronym TRACEM:

- T** – Thermal (extreme heat or cold)
- R** – Radiological (alpha-beta-gamma rays)
- A** – Asphyxiation (lack of oxygen)
- C** – Chemical (toxic or corrosive materials)
- E** – Etiological (disease-causing organisms)
- M** – Mechanical (physical trauma, guns, bomb, etc.)

THERMAL – refers to extreme heat or cold.

RADIOLOGICAL – refers to alpha particles, beta particles or gamma rays.

ASPHYXIATION – refers to lack of oxygen caused by gases heavier than air such as Carbon dioxide, or chemical vapors in a confined space.

CHEMICAL – refers to toxic or corrosive material such as acids or toxins, i.e. nerve gas.

ETIOLOGICAL – refers to disease causing organisms such as bacteria, rickettsia and viruses or toxins derived from living organisms.

MECHANICAL – refers to physical trauma such as gun shot wounds, slip-trip & fall hazards and injury from bomb fragments or shrapnel.

In general the incident information and warning signs should be analyzed to determine what self-protection measures must be taken to protect life and property. Use these signals to determine what threat you are facing and how to best handle the situation. Do you evacuate the area? If so how far back do you evacuate? Is it safe to evacuate or shelter in place and is it the best alternative? These questions depend on factors such as what harm are you facing. It might be safer to shelter the population in their homes rather than risk exposure during a total evacuation.

CONCLUSION

Terrorist threats are real and must be dealt with using caution and systematic planning. All agencies involved must be aware of the threat and respond accordingly. Control of the area is essential to limit exposure. Crime scene protection must be stressed throughout the operation. A high awareness level will surely help protect the lives of the responders as well as the population in the effect area.¹

¹ Technical Information for this SOP was taken from: EMERGENCY RESPONSE TO TERRORISM: Basic Concepts - U.S. Department of Justice, Office of Justice Programs -Bureau of Justice Assistance, Federal Emergency Management Agency, United States Fire Administration - National Fire Academy, August 18, 1997.

TRANSPORTATION

HAZMAT

PLAN

ANNEX

April 2017

TRANSPORTATION HAZMAT PLAN

SITUATION: A HAZMAT incident along 1-59 would cause an evacuation of residents within the effected area. This plan will serve as a standard operating guide for such an event.

NOTIFICATION: Upon receiving a 911 call, the receiving agency would notify the following agencies;

1. MHP (601-582-2935) if outside the city limits or to assist in the Operation.
2. Forrest Co. Sheriff's office (601-544-7800)
3. Hattiesburg Police Department (601-545-4910)
4. Hattiesburg Fire (601-545-4910) for Hazmat team and assistance in Evacuations.
5. The Emergency Management District (601-544-5911), (pager # 1101 CD-1), (601-545-4910 Hattiesburg Dispatch), (601-544-7800 after hrs Forrest Co. Sheriff's Dispatch)
6. Lamar Co. Sheriff's Office (601-544-2462) if adjacent to county lines And residents of Lamar Co. are evacuated.
7. MEMA – Emergency 24 hr. 1-800-222-6362
Non-Emergency 1-800-445-6362
8. DEQ – (601-961-5175)
9. MDOT – (601-544-6511)
10. AAA Ambulance (601-264-3404)
11. Fire Department which covers the accident area.
12. Red Cross (601-582-8151)
13. Salvation Army (601-544-3648)

RESPONSE AGENCY RESPONSIBILITIES

A. LAW ENFORCEMENT

1. Establish roadblocks and re-route traffic.
2. Assign areas of each agency to conduct evacuation operations.
3. HPD initiate REVERSE 911 call for area to be evacuated.
4. Determine security requirements and assign stations.
5. Insure evacuation is complete and verified with Fire.

B. FIRE SERVICE

1. Mitigation of HAZMAT situation.
2. Assist in road blocks and traffic control.
3. Contain any Fire Situation.
4. Provide Fire Safety stand-by.
5. DECON operations.
6. Insure evacuation is complete and verified with Law.

C. EMS

1. Treat and Transport, as needed and decon'd.
2. Stand-by for operational EMS support.
3. Notify area Hospitals.
4. Coordinate all Ambulance Services.
5. Provide EMS for Emergency Workers.

D. EMERGENCY MANAGEMENT

1. Notify MEMA – DEQ and any other State or Federal agency Needed on scene.
2. Establish Mobil Command Post.
3. Coordinate Media information.
4. Insure Incident Command is established.
5. Provide weather information.
6. Determine population and maps needed of evacuation zone.
7. Photos of area
8. Maintain log of all activity.
9. Activate EOC if required.
10. Maintain record of all Media Releases.
11. Establish incident Command Structure.
12. Process Local State of Emergency if needed.

E. HAZMAT – HATTIESBURG FIRE HAZAMT (OPERATIONS)

1. Identify product(s) and hazards involved.
2. Establish safety zone.
3. Where possible contain leaks, spills and run-off.
4. Identify evacuation zone.
5. Establish Incident Safety Plan and Safety Officer.

F. MDOT

1. Provide and establish traffic barriers, signs and detour signs.
2. Assist in Hazmat containment by providing sand and or other Materials for dams or absorption.

G. MDEQ

1. Assist in Hazmat assessment.
2. Assign contractor for Hazmat mitigation and clean up.
3. Provide Hazmat technical assessment to fire service.

H. MEDIA RELATION

1. Provide public information concerning evacuation area and Product releases.
2. Request that the public avoid the area.
3. Assist in notification of public to evacuate or shelter in-place As directed by the Fire Service.

I. FORREST COUNTY – (IF OUTSIDE CITY LIMITS)

4. Provide material for containment (ie, sand, dirt, etc).
5. Provide heavy equipment as requested by on scene Commander.

J. HATTIESBURG/PETAL WORKS

1. Provide traffic barricades.
2. Provide sand or dirt as needed.
3. Provide heavy equipment as needed.

K. RED CROSS/SALVATION ARMY

1. Open Shelters and handle mass care.
2. Provide Food for Emergency Workers.

L. AREA HOSPITALS

1. Prepare to receive and treat large number of patients.
2. Prepare to DECON patients if required.

M. OTHER ITEMS

1. Before, during and after clean-up take photographs.
2. Determine security requirements for evacuation area.
3. Determine how evacuation area is verified.
4. Use Reverse 911 for evacuation call.
5. Determine shelter requirements.
6. Identify responsible party.
7. Determine time for evacuation...Approximately time to be out.

8. Re-route traffic; consider bridge limits on county roads.
9. Establish how often Media briefings will be held.
10. Maintain log from first notification to all significant action taken.
11. Be sure everyone evacuated is accounted for and are out. They
Need to know how to contact someone for information.
12. Will EOC be activated and what staffing level.

NORFOLK SOUTHERN RAILROAD YARD

EMERGENCY RESPONSE PLAN



The Emergency Management District
4080 US Hwy 11
Hattiesburg, MS 39402

April 2017

Emergency Contact List

1	Hattiesburg Fire		601.545.4910
2	Hattiesburg Police		601.545.4910
3	AAA Ambulance		601.264.3404
4	Forrest Co Sheriff		601.5447800
5	Emergency Management		601.544.5911
6	Norfolk Southern RR		800.453.2530
7	Hazmat	Mike Stiner	404-210-2784 ©
8	Environmental	Garland Hendry	205-301-0027 ©
9	Trainmaster	Thomas Dunlap	205-612-5880 ©
10	Asst Trainmaster	John York	205-353-1185 ©
11	Track Master	Nathan Wolfe	601-297-3571

REMINDER CHECK LIST

		✓
1.	Get Aerial Photos	
2.	Get Maps	
3.	Notify Red Cross & Salv Army to set up Evac Center	
4.	Develop Emergency Notification Proto Call	
5.	Identify Staging Area	
6.	Identify initial procedures for Incident Assessment & Air Monitoring	
7.	Determine Wind Speed / Direction / Temp / Humidity etc	
8.	Begin Plum Cloud Tracking	
9.	Determine Evacuation Zone	
10.	Identify Incident product that is leaking	
11.	Develop Traffic flow plan / Road Block	
12.	Set Up Media Relations, News Briefings etc.	
13.	Establish Incident Command	
14.	Determine What Incident level – 1 (one – 2 (two – 3 (three) ??	
15.	Determine How contractors (i.e. USES) will enter the ICS System?	
16.	Determine when it is Safe to Re-enter evacuated area/buildings	
17.	Determine what shelters would be used.	
18.	Determine Where City / County Government would move if evacuated.	
19.	Como for Operations	
	Fire Commo	
	Law Commo	
	EMS Commo	
20.	Notify Public Works for barricades and detour signs	
21.	Determine if Schools, Churches, Day Care Centers are in Evac Area	
22.	Determine How best to evacuate Jail and where to go	
23.	Determine Where HPD evacuates to (due to 1 mile radius)	
24.	Determine which Chemicals would cause Major Evacuation (worse Case Situation)	

HATTIESBURG NORFOLK SOUTHERN RAIL YARD EMERGENCY RESPONSE PLAN

Introduction

The purpose of this Emergency Response Plan is to establish an efficient, reliable and effective guide for a response to any Hazardous Material Incident that might occur in this Rail Yard. This plan will also serve as a guide to insure the safety of residences living in the area as well as responders deploying to an incident.

General

This plan will consist of Three (3) levels:

LEVEL 1 – is an incident that is contained in the area and involves only minor release of product that would not cause exposure or danger to residents outside the rail yard. Maximum effect range of any exposure of product or vapors would be 100 ft or less.

Example: Release of non-flammable material or minor derailment of a train with no release.

LEVEL II – is an incident involving product release that is of flammable or toxic nature that may pose a hazard to the Rail Yard area and immediate area. Notification and evacuation of an area not greater than 500 ft from center of release or downwind would be necessary.

Example: Propane tank car with a minor leaking valve that can be controlled. The leak should be confined to the immediate area around the vessel and no potential of expansion of the problem.

LEVEL III – is an incident that involves a Hazardous Material that is flammable or toxic in nature and of such quantity that it will likely travel by wind outside the rail yard and cause an explosive potential that could endanger people or structures outside the rail yard.

This level incident would require a notification and evacuation of the area from 500 feet to 1 mile in radius.

Response to this level incident would require extensive Fire, hazmat and Law Enforcement personnel to perform notification and evacuation procedures and then secure the area.

Example ???

RESOURCE REQUIREMENTS

LEVEL 1 – Only Fire Hazmat and Emergency Personnel would be required to respond. Outside contract personnel as determined by Norfolk Southern Rail Road, OIC may be called for mitigation and clean-up operations. No evacuation would be necessary in a Level I incident because it is small in nature and poses no threat to people outside the Rail Yard.

LEVEL II – Response from Fire, Hazmat, EMA and Law Enforcement is required.

The immediate area around the Rail Yard should be blocked and secured. The Hazmat crew will determine the potential threat and recommend actions to be taken. Level II incident is such that protective action should be taken but no a threat that would cause evacuation of residents and structures, however, a Level II incident could escalate to a Level III if proper action is not taken quickly.

LEVEL III – Is an incident that has great potential to cause DEATH and INJURY to life and property within a ½ to one (1) mile radius of the Rail Yard.

Evacuation is required at this level. This may include a radius of ½ to one (1) mile and require resources from surrounding areas to include:

- | | |
|-----------------------------------|-------------------------|
| • Hattiesburg Police Dept | • USM |
| • Forrest County Sheriff's Office | • Ms Highway Patrol |
| • Petal Police Dept | • Hattiesburg Fire Dept |
| • Lamar Co Sheriff's Office | • Petal Fire Dept |

This response will require a well coordinated response from all available resources in the area. The downtown area of Hattiesburg, including all governmental offices and at least two (2) schools would be included in the ½ to one (1) mile radius. City Hall, City Offices, Forrest County Court Buildings and Forrest County Jail are all included in the evacuation zone. Moving these populations will require extensive resources.

RAIL YARD HAZARDOUS COMMODITY RESPONSE PLAN FORREST COUNTY, MISSISSIPPI

Prepared for the Emergency Management District of Forrest County, Mississippi

June 2013

FINAL



Stantec

**RAIL YARD HAZARDOUS
COMMODITY RESPONSE PLAN
FORREST COUNTY, MISSISSIPPI**

Prepared for The Emergency
Management District of Forrest County,
Mississippi



Stantec

June 3, 2013

RAIL YARD HAZARDOUS COMMODITY RESPONSE PLAN FORREST COUNTY, MISSISSIPPI

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Click on Section Header or
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Methanol 

Phosphoric Acid 

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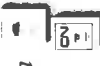
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SECTION 1: EMERGENCY RESPONSE ACTION PLAN (ERAP)

1.1 Forrest County Emergency Management Qualified Individual (QI) Information

Forrest County hazardous materials emergency response plan.

TABLE 1.1
QUALIFIED INDIVIDUAL INFORMATION
QUICK REFERENCE TO
FORREST COUNTY EMERGENCY MANAGEMENT AGENCY

Topic		Information
IDENTIFICATION	NAME	The Emergency Management District
	DIRECTOR	Glen Moore
	OPERATIONS	Paul Sheffield
LOCATION	MAILING ADDRESS	4080 US Hwy 11, Hattiesburg, MS 39402
	PHYSICAL ADDRESS	4080 US Hwy 11, Hattiesburg, MS 39402
	COUNTY	Forrest
	LATITUDE: North	31 ° 15' 17.06"
	LONGITUDE: West	89 ° 20' 21.55"
PHONE NUMBERS	24-HOUR – Hotline	(601) 545-4910
	DAY	(601) 544-5911
	FAX	(601) 545-4516
QUALIFIED INDIVIDUAL / FACILITY INCIDENT / COMMANDER / EMERGENCY RESPONSE COORDINATOR	NAME	Glen Moore
	POSITION	Director
	WORK ADDRESS	4080 US Hwy 11, Hattiesburg, MS 39402
	WORK PHONE	(601) 544-5911
	CELL PHONE	(601) 606-.9185
	HOME ADDRESS	
	HOME PHONE	
TRAINING		ICS 100, 200, 300, 400, 700, and 800B

TABLE 1.1 (CONTINUED)
QUALIFIED INDIVIDUAL INFORMATION
QUICK REFERENCE TO
FORREST COUNTY EMERGENCY MANAGEMENT AGENCY

Topic		Information	
QUALIFIED INDIVIDUAL / FACILITY INCIDENT COMMANDER / EMERGENCY RESPONSE COORDINATOR	NAME	Paul Sheffield	
	POSITION	Operations Officer	
	WORK ADDRESS	4080 US Hwy 11, Hattiesburg, MS, 39402	
	WORK PHONE	(601) 544-5911	
	CELL PHONE	(601) 606-5150	
	EMAIL ADDRESS	_____ <u>paul@forresteoc.com</u>	
	HOME PHONE	_____	
TRAINING		ICS 100, 200, 300, 400, 700, and 800B	
QUALIFIED INDIVIDUAL / FACILITY INCIDENT COMMANDER / EMERGENCY RESPONSE COORDINATOR	NAME	Jim Hennessey	
	POSITION	Communications Officer	
	WORK ADDRESS	4080 US Hwy 11, Hattiesburg MS, 39402	
	WORK PHONE	(601) 544-5911	
	CELL PHONE	(601) 270-0524	
	EMAIL ADDRESS	<u>Jim@ForrestEOC.com</u>	
	HOME PHONE	_____	
TRAINING		ICS 100, 200, 300, 400, 700, and 800B	

TABLE 1.1 (CONTINUED)
QUALIFIED INDIVIDUAL INFORMATION
QUICK REFERENCE TO
FORREST COUNTY EMERGENCY MANAGEMENT AGENCY

Topic		Information
QUALIFIED INDIVIDUAL / FACILITY INCIDENT COMMANDER / EMERGENCY RESPONSE COORDINATOR	NAME	Debbie Windham
	POSITION	911 Coordinator
	WORK ADDRESS	4080 US Hwy 11, Hattiesburg MS, 39402
	WORK PHONE	(601) 544-5911
	CELL PHONE	(601) 408-0754
	EMAIL ADDRESS	Debbie@ForrestEOC.com
	HOME PHONE	
QUALIFIED INDIVIDUAL / FACILITY INCIDENT COMMANDER / EMERGENCY RESPONSE COORDINATOR	TRAINING	ICS 100, 200, 300, 400, 700, and 800B
	NAME	Chip Brown
	POSITION	Communications Technician
	WORK ADDRESS	4080 US Hwy 11, Hattiesburg MS, 39402
	WORK PHONE	(601) 544-5911
	CELL PHONE	(601) 270-1200
	EMAIL ADDRESS	Chip@ForrestEOC.com
	HOME PHONE	
	TRAINING	ICS 100, 200, 300, 400, 700, and 800B

1.2 Release Response Notification Form

CHEMTREC 1-800-424-9300

TABLE 1.2 RELEASE RESPONSE NOTIFICATION FORM	
Reporter Information	
Reporter's Name	
Reporter's Phone Number	
Reporter's Position	
Facility Name	
Owner's Name	
Facility Identification Number	
Address	
	City:
	State:
	Zip Code:
Were Materials Released	☐ YES ☐ NO
Confidential	☐ YES ☐ NO
Meeting Federal Reporting Requirements	☐ YES ☐ NO
Calling for Responsible Party	☐ YES ☐ NO
Date and Time of Each CHEMTREC Call (use 24 hour time)	

**TABLE 1.2 (CONTINUED)
RELEASE RESPONSE NOTIFICATION FORM**

Incident Description										
Source and/or Cause of Incident										
Date										
Time of Incident	(use 24 hour time)									
Incident Address/Location										
Nearest City										
County										
State										
Zip Code										
Distance from City (miles)										
Largest Container on-site										
Total on-site Storage Capacity										
Incident Container Type										
Incident Tank Capacity (include units)										
Total Incident Capacity (include units)										
Facility Latitude										
Facility Longitude										
Weather Conditions										
Material Released	Circle CHRIS Code of Material Released: <table border="0"> <tr> <td>☐ YES</td> <td>Quantity Released</td> <td>(include units)</td> </tr> <tr> <td>☐ NO</td> <td>Material Released Into Water ☐ YES ☐ NO</td> <td></td> </tr> <tr> <td></td> <td>Quantity Released into Water</td> <td>(include units)</td> </tr> </table>	☐ YES	Quantity Released	(include units)	☐ NO	Material Released Into Water ☐ YES ☐ NO			Quantity Released into Water	(include units)
☐ YES	Quantity Released	(include units)								
☐ NO	Material Released Into Water ☐ YES ☐ NO									
	Quantity Released into Water	(include units)								

TABLE 1.2 (CONTINUED)
RELEASE RESPONSE NOTIFICATION FORM

Response Actions	
Initial Response Actions (Include Activity Name)	
Actions Taken to Control Incident (Include Responders Names)	
Actions Taken to Mitigate Incident (Include Responders Name)	

TABLE 1.2 (CONTINUED)
RELEASE RESPONSE NOTIFICATION FORM

Impact	
Number of injuries	
Number of deaths	
Evacuation(s) Required	☐ YES ☐ NO
Number Evacuated	
Was There Any Damage	☐ YES ☐ NO
Damage in Dollars (estimated)	
Medium Affected	
Description of Affect	
Additional Information about Medium	
Additional Information (any information about the incident not recorded elsewhere in the report)	

TABLE 1.2 (CONTINUED)
RELEASE RESPONSE NOTIFICATION FORM

Caller Notifications			
Contact	Activity	Yes -- date/time/name	No
Command Post:			
QI:			
AQI:			
AQI:			
AQI:			
AQI:			
AQI:			
Spill Response Support:			
EPA:	Region - On-Scene Coordinator		
	U.S. EPA Environmental Response Team		
State Notifications:			

1.3 Emergency Response Personnel Roster

This roster lists typical emergency response personnel based on the size of the release and includes phone numbers, the amount of time needed to respond, and their responsibility during the emergency.

**TABLE 1.3A
EMERGENCY RESPONSE PERSONNEL FOR SMALL RELEASES (LEVEL I INCIDENT)**

Name	Phone	Response Time	Responsibility During Response Action
Forrest County EMA	(601) 544-5911	15-20 minutes	• Agency coordination
Hattiesburg Fire Dept.	(601) 545-4910	3-7 minutes	• Initial size up • Protective measures
Hattiesburg Police Dept.	(601) 545-4910	3-7 minutes	• Traffic control • Perimeter evacuations if needed
AAA Ambulance	(601) 264-2221	4-12 minutes	• Health and safety of responders and the public

**TABLE 1.3B
EMERGENCY RESPONSE PERSONNEL FOR LARGE RELEASES (LEVEL II INCIDENT)**

Name	Phone	Response Time	Responsibility During Response Action
Forrest County EMA	(601) 544-5911	15-20 minutes	• Agency coordination
Hattiesburg Fire Dept.	(601) 545-4910	3-7 minutes	• Initial size up • Protective measures
Hattiesburg Police Dept.	(601) 545-4910	3-7 minutes	• Traffic control • Perimeter evacuations if needed
AAA Ambulance	(601) 264-2221	4-12 minutes	• Health and safety of responders and the public
Forrest County Sheriff Dept.	(601) 544-7800	10-15 minutes	• Assist with traffic control, perimeter, and evacuations if needed
Forrest County Volunteer Fire Dept.	(601) 544-7800	20-30 minutes	• Assist with traffic control, perimeter, and evacuations if needed
Petal Police Dept.	(601) 544-5331	5-10 minutes	• Assist with traffic control, perimeter, and evacuations if needed
Petal Fire Dept.	(601) 544-5331	5-10 minutes	• Assist with traffic control, perimeter, and evacuations if needed

SECTION 2: FACILITY INFORMATION

2.1 Norfolk Southern

The facility information form provides an overview of the site location, contact information, authoritative information and operation information.

TABLE 2.1 FACILITY AND QUALIFIED INDIVIDUAL INFORMATION QUICK REFERENCE TO NORFOLK SOUTHERN RAILWAY		
Topic		Information
IDENTIFICATION	NAME	Norfolk Southern Railway
	OWNER	
	OPERATOR	
LOCATION	MAILING ADDRESS	
	PHYSICAL ADDRESS	601 East Front Street Hattiesburg, MS 39401
	COUNTY	Forrest County, Mississippi
	LATITUDE: North	31° 19' 48" N
	LONGITUDE: West	89° 17' 07" W
PHONE NUMBERS	24-HOUR – Control Center	NS Police Communications Center
	24-Hour Phone	1-800-453-2530
	FAX	(404) 733-3900
FACILITY QUALIFIED INDIVIDUAL / FACILITY INCIDENT COMMANDER / EMERGENCY RESPONSE COORDINATOR	NAME	Charles Deig
	POSITION	Local Trainmaster
	WORK ADDRESS	601 East Front Street Hattiesburg, MS
	WORK PHONE	
	CELL PHONE	(404) 430-9125
	EMAIL ADDRESS	
	TRAINING	DOT Awareness, Function Specific training, HazCom, fire safety training, proper PPE use training, CPR, First Aid and AED training, participates in deployment/tabletop ERP training

TABLE 2.1(CONTINUED)
FACILITY AND QUALIFIED INDIVIDUAL INFORMATION
QUICK REFERENCE TO
NORFOLK SOUTHERN RAILWAY

Topic		Information
FACILITY QUALIFIED INDIVIDUAL / FACILITY INCIDENT COMMANDER / EMERGENCY RESPONSE COORDINATOR	NAME	Glen Rebner
	POSITION	Engineer Environmental Operations
	WORK ADDRESS	1400 Norfolk Southern Dr. Irondale, Alabama 35210
	WORK PHONE	
	CELL PHONE	(205) 937-4104
FACILITY QUALIFIED INDIVIDUAL / FACILITY INCIDENT COMMANDER / EMERGENCY RESPONSE COORDINATOR	EMAIL ADDRESS	
	TRAINING	40 hr HAZWOPER 8 hr HAZWOPER refresher Incident Command System Respiratory Protection and Fit Testing Hazard Communication training Fire safety training CPR, First Aid and AED training Participates in deployment/tabletop ERP training
	NAME	Robert Wood
	POSITION	Hazardous Materials Compliance Officer
	WORK ADDRESS	1200 Peachtree Street NE Atlanta, GA. 30309
FACILITY QUALIFIED INDIVIDUAL / FACILITY INCIDENT COMMANDER / EMERGENCY RESPONSE COORDINATOR	WORK PHONE	
	CELL PHONE	(404) 989-2523
	EMAIL ADDRESS	
	TRAINING	40 hr HAZWOPER 8 hr HAZWOPER refresher Incident Command System Respiratory Protection and Fit Testing Hazard Communication training Fire safety training CPR, First Aid and AED training Participates in deployment/tabletop ERP training

2.2 Canadian National

The facility information form provides an overview of the site location, contact information, authoritative information and operation information.

TABLE 2.2
FACILITY AND QUALIFIED INDIVIDUAL INFORMATION
QUICK REFERENCE TO
CANADIAN NATIONAL RAILWAY

Topic	Information
IDENTIFICATION	NAME Canadian National Railway
	OWNER
	OPERATOR
LOCATION	MAILING ADDRESS
	PHYSICAL ADDRESS 101 Roy Street Hattiesburg, MS 39401
	COUNTY Forrest County, MS
	LATITUDE: North 31° 18' 41" N
	LONGITUDE: West 89° 16' 56" W
PHONE NUMBERS	24-HOUR – Control Center CN Police Communication Center
	24-Hour Phone 1-800-465-9239
	FAX (514) 399-8201
FACILITY QUALIFIED INDIVIDUAL / FACILITY INCIDENT COMMANDER / EMERGENCY RESPONSE COORDINATOR	NAME Chris Lanoue
	POSITION Dangerous Goods Officer
	WORK ADDRESS 2400 North Riverside Drive Baton Rouge, LA 70802
	WORK PHONE (225) 382-2203
	CELL PHONE (225) 229-6811
	EMAIL ADDRESS Chris.lanoue@cn.ca
	TRAINING HAZMAT Technician (OSHA/NFPA) Tank Car Specialist (OSHA/NFPA) Intermodal Specialist (OSHA/NFPA) Incident Commander (OSHA) Explosives Technician (L.A.) RR Wrecking Operations (CN Mechanical/Hulcher) Respiratory Protection Fit Tested (OSHA) HAZCOM/WHMIS (OSHA/COSH) Fall Protection (OSHA/COSH) Instructor Outreach (Table Top/CN911 Car delivery)

TABLE 2.2(CONTINUED)
FACILITY AND QUALIFIED INDIVIDUAL INFORMATION
QUICK REFERENCE TO
CANADIAN NATIONAL RAILWAY

Topic		Information
FACILITY QUALIFIED INDIVIDUAL / FACILITY INCIDENT COMMANDER / EMERGENCY RESPONSE COORDINATOR	NAME	Greg Henshaw
	POSITION	Dangerous Goods Officer
	WORK ADDRESS	297 Rivergate Road Memphis, TN 38109
	WORK PHONE	(901) 786-5686
	CELL PHONE	(901) 409-6237
	EMAIL ADDRESS	greg.henshaw@cn.ca
FACILITY QUALIFIED INDIVIDUAL / FACILITY INCIDENT COMMANDER / EMERGENCY RESPONSE COORDINATOR	TRAINING	HAZMAT Technician (OSHA/NFPA) Tank Car Specialist (OSHA/NFPA), Intermodal Specialist (OSHA/NFPA), Incident Commander (OSHA), Explosives Technician (L.A.) RR Wrecking Operations (CN Mechanical/Hulcher) Respiratory Protection Fit Tested (OSHA) HAZCOM/WHMIS (OSHA/COSH) Fall Protection (OSHA/COSH) Instructor Outreach (Table Top/CN911 Car delivery)
	NAME	Scott McLeod
	POSITION	Senior Dangerous Goods Officer
	WORK ADDRESS	915 Belle Ave Joliet, Illinois
	WORK PHONE	(815) 774-6410
	CELL PHONE	(708) 334-9185
FACILITY QUALIFIED INDIVIDUAL / FACILITY INCIDENT COMMANDER / EMERGENCY RESPONSE COORDINATOR	EMAIL ADDRESS	scott.mcleod@cn.ca
	TRAINING	HAZMAT Technician (OSHA/NFPA) Tank Car Specialist (OSHA/NFPA) Intermodal Specialist (OSHA/NFPA) Incident Commander (OSHA) Explosives Technician (L.A.) RR Wrecking Operations (CN Mechanical/Hulcher) Respiratory Protection Fit Tested (OSHA) HAZCOM/WHMIS (OSHA/COSH) Fall Protection (OSHA/COSH) Instructor Outreach (Table Top/CN911 Car delivery)

2.3 Kansas City Southern

The facility information form provides an overview of the site location, contact information, authoritative information and operation information.

TABLE 2.3 FACILITY AND QUALIFIED INDIVIDUAL INFORMATION QUICK REFERENCE TO KANSAS CITY SOUTHERN RAILWAY COMPANY		
Topic	Information	
IDENTIFICATION	NAME	Kansas City Southern Railway Company
	OWNER	
	OPERATOR	
	MAILING ADDRESS	
LOCATION	PHYSICAL ADDRESS	10 Smith Mitchell Road Hattiesburg, MS 39401
	COUNTY	Forrest County, MS
	LATITUDE: North	31° 15' 42" N
	LONGITUDE: West	89° 15' 25" W
PHONE NUMBERS	24-HOUR – Control Center	KCS Critical Information Desk
	24-Hour Phone	1-800-892-6295
	FAX	(816) 983-1908
	NAME	Charles Lewis
	POSITION	Assistant Superintendent
FACILITY QUALIFIED INDIVIDUAL / FACILITY INCIDENT COMMANDER / EMERGENCY RESPONSE COORDINATOR	WORK ADDRESS	2206 A Street Meridian, MS 39301
	WORK PHONE	(601) 933-4760
	CELL PHONE	(601) 616-2971
	EMAIL ADDRESS	clewis@kcsouthern.com
	TRAINING	DOT Awareness, Function Specific training, HazCom, fire safety training, proper PPE use training, CPR, First Aid and AED training, participates in deployment/tabletop ERP training

TABLE 2.3(CONTINUED)
FACILITY AND QUALIFIED INDIVIDUAL INFORMATION
QUICK REFERENCE TO
KANSAS CITY SOUTHERN RAILWAY COMPANY

Topic		Information
FACILITY QUALIFIED INDIVIDUAL / FACILITY INCIDENT COMMANDER / EMERGENCY RESPONSE COORDINATOR	NAME	Carl Akins
	POSITION	Director Environmental and HazMat
	WORK ADDRESS	P.O. Box 219335 Kansas City MO 64121-9335
	WORK PHONE	(318) 676-6624
	CELL PHONE	(318) 505-7118
	FAX NUMBER	(816) 983-1622
FACILITY QUALIFIED INDIVIDUAL / FACILITY INCIDENT COMMANDER / EMERGENCY RESPONSE COORDINATOR	EMAIL ADDRESS	cakins@kcsouthern.com
	TRAINING	40 hr HAZWOPER 8 hr HAZWOPER refresher Incident Command System Respiratory Protection and Fit Testing Hazard Communication training Fire safety training CPR, First Aid and AED training Participates in deployment/tabletop ERP training
	NAME	Steve McNealy
	POSITION	U.S. DOT Hazmat Compliance and Emergency Response Environmental and Hazmat Safety Department Engineer III
	WORK ADDRESS	P.O. Box 219335 Kansas City MO 64121-9335
	WORK PHONE	(816) 983-1588
FACILITY QUALIFIED INDIVIDUAL / FACILITY INCIDENT COMMANDER / EMERGENCY RESPONSE COORDINATOR	CELL PHONE	(816) 769-8254
		(816) 983-1622
	EMAIL ADDRESS	smcnealy@kcsouthern.com
	TRAINING	40 hr HAZWOPER 8 hr HAZWOPER refresher Incident Command System Respiratory Protection and Fit Testing Hazard Communication training Fire safety training CPR, First Aid and AED training Participates in deployment/tabletop ERP training

SECTION 3: EMERGENCY RESPONSE INFORMATION

This section provides emergency response information including notification phone listings, equipment lists, rail yard evacuation procedures and responder staging areas. In the event of an undesired release of a hazardous commodity, a qualified individual from the railroad should provide, at a minimum, the following information regarding the incident upon initial notification: location of emergency, product or material involved, estimated amount of product released or release rate (if safe to do so), and if locomotive or railcar involved, unit or car number and track number (if safe to do so).

3.1 Emergency Notification Phone List

The Emergency Notification Phone List provided below identifies the names and phone numbers of the organizations and personnel that need to be notified immediately in the event of an emergency. These numbers must be verified each time the plan is updated. This contact list should be placed in a location that is accessible to all employees to ensure that, in case of a release, personnel on-site can immediately notify the appropriate parties.

Note: Notifications should be made by a representative from the affected railroad, who responds to all releases.

TABLE 3.1 EMERGENCY NOTIFICATION PHONE LIST			
Contact Role	Agency	Day Phone	24-Hr Phone
Command Post:	The Emergency Management District	(601) 544-5911	(601) 545-4910
Dispatcher:	Hattiesburg Police Department	(601) 545-4910	
Qualified Individual:	Glen Moore—Forrest Co EMA Director	(601) 544-5911	(601) 606-9185
Alternate Qualified Individual:	Debbie Windham — Deputy Director, 911 Coordinator	(601) 544-5911	(601) 408-0754
Alternate Qualified Individual:	Robert Stephens — Hattiesburg FD HAZMAT	(601) 545-4650	(601) 466-0784
Alternate Qualified Individual:	Paul Sheffield — Operations Officer	(601) 544-5911	(601) 606-5150
Alternate Qualified Individual:	_____ - Fire Chief	() ____ -	() ____ -
Alternate Qualified Individual:	Jim Hennessey	(601) 544-5911	(601) 270-0524
National Response Center (NRC):	Federal On-Scene Coordinator (FOSC) Notification and Initial Report	(202) 267-2675	1-800-424-8802
Other Agencies:	CHEMTREC		1-800-424-9300
Spill Response Support:	USES		1-888-279-9930
EPA:	Region 4 On-Scene Coordinator <i>Note: For emergencies, call NRC first - they will notify EPA FOSC.</i>	(404) 562-8717	
	Region 4 Environmental Response Team	(404) 562-8705	(404) 562-8700

**TABLE 3.1 (CONTINUED)
EMERGENCY NOTIFICATION PHONE LIST**

Contact Role	Agency	Day Phone	24-Hr Phone
State Notifications: <i>The responsible party is required to contact the required state and local agencies to provide further information.</i>	MEMA	(601) 933-6362	1-800-222-6362
	MS Highway Patrol	(601) 987-1330	Local 911
	Emergency Ops: Major Rusty Barnes		
	MS State Fire Marshal	1-888-648-0877	
	MDEQ	1-888-786-0661	
	MS National Guard 47 th Civil Support Team	(601) 313-6193	(601) 313-6261
	MS Dept. of Homeland Security	(601) 346-1500	
	MS Dept. of Wildlife, Fisheries, & Parks	(601) 783-2911	
	U.S. Fish & Wildlife Service SE Region Emergency Consult Coord.	(404) 679-7089	
Other Federal Agencies:	USDA NRCS, MS State Office	(601) 965-5035	
Local Emergency Planning Committee (LEPC):	Forrest County Emergency Management	(601) 544-5911	(601) 545-4910
If Utilities were Impacted:	Mississippi Power	(601) 545-4111	1-800-837-9760
	Wilmut Gas	(601) 544-6001	
	AT&T		(866) 801-3600
	Comcast	1-800-266-2278	
If Businesses were Impacted:	Chamber of Commerce	(601) 296-7518	
If Residences were Impacted:	The American Red Cross	(601) 582-8151	
	The Salvation Army	(601) 544-3684	
Weather Report:	National Weather Service	1-800-295-1944	
Emergency Broadcast Radio and Television Stations: Local Television/Radio Stations for Evacuation Notification	Hattiesburg Radio Broadcasting Stations		
	Clear Channel	(601) 296-9800	(601) 544-8744
	Blackney Communications	(601) 649-0095	(601) 649-0075
	Hattiesburg Television Broadcast Stations		
	WDAM	(601) 544-4730	
Ambulance Service:	WHLT	(601) 545-4460	
	AAA Ambulance	(601) 264-2221	Local 911
Hospitals:	Forrest General Hospital	(601) 288-7000	Local 911
	Wesley Medical Center	(601) 268-8000	Local 911
Fire Departments:	Hattiesburg Fire Department Fire Chief:	(601) 582-3311	Local 911
	Hattiesburg Fire Department Director of Training: Robert Pickering	(601) 545-4650	Local 911
	Volunteer Fire Department	(601) 544-7800	Local 911
	Petal Fire Department Fire Chief: Joe Hendry	(601) 705-0908	Local 911
	Forrest County Sheriff's Department	(601) 544-7800	Local 911
Police Department:	Hattiesburg Police Department	(601) 545-7900	Local 911
	Petal Police Department	(601) 544-5331	Local 911

3.2 Emergency Response Equipment

The emergency response equipment lists found in the following pages identify and provide a description of the available emergency response equipment and location of the response equipment. USES personnel and/or members of the Hattiesburg HAZMAT Team will provide response to small releases. USES personnel along with the Hattiesburg HAZMAT Team and, if needed, additional contractors may be contacted for large releases.

All equipment should be inspected on a regular basis and maintained in operational status. Each piece of equipment should be inspected after it is used and decontaminated prior to being returned to its designated location. Equipment that is not suitable for re-use should be immediately replaced.

3.2.1 Response Equipment Tests and Deployment Drills

Response equipment deployment exercises may be conducted to ensure that response equipment is operational and the personnel who operate the equipment during a release response are capable of deploying and operating it. Available response equipment is listed in the following pages. Only a representative sample of each type of response equipment should be deployed and operated during a training drill.

Hattiesburg Fire Department – Fire Training/HAZMAT

53 Academy Drive

Hattiesburg, Mississippi 39401

(601) 545-4650



EMERGENCY RESPONSE EQUIPMENT LIST

The following items are located at the Hattiesburg Fire Department – Fire Training/HAZMAT center and are available for use in emergency response efforts.

- Air monitoring equipment (Including entry team and area monitoring equipment)
- Small hydrocarbon product transfer pump (less than 500 gallons)
- Plug and Patch kits for small releases
- Dome clamps for manhole covers
- Magnetic tank and Railcar patches
- Various damming and diking equipment

Outside of these items listed above, also available are numerous types of PPE for various product releases and other standard HAZMAT equipment.

**USEES****UNITED STATES ENVIRONMENTAL SERVICES**

Industrial | Response & Remediation | Maritime

[HOME](#)**EMERGENCY RESPONSE EQUIPMENT LIST****24-Hour Emergency Number: 888-279-9930**

<u>COMPANY HEADQUARTERS</u> 24-Hour Emergency Numbers: 888-279-9930 (or) 504-279-9930 365 Canal Street, Suite 2520 New Orleans, Louisiana 70130 Fax: 504-566-8309	<u>BEACH, NORTH DAKOTA</u> 24-Hour Emergency Numbers: 701-872-2122 16701 I-94 Frontage Road Beach, North Dakota 58621
<u>BATON ROUGE, LOUISIANA</u> 24-Hour Emergency Numbers: 888-267-4901 (or) 225-673-4200 6338 Highway 73 Geismar, Louisiana 70734 Fax: 225-677-9549	<u>NEW ORLEANS, LOUISIANA</u> 24-Hour Emergency Numbers: 504-279-9934 2809 East Judge Perez Drive Meraux, Louisiana 70075 Fax: 504-279-7756
<u>VENICE, LOUISIANA</u> 24-Hour Emergency Number: 504-534-2744 42156 Hwy. 23 South Venice, Louisiana 70091 Fax: 504-534-7042	<u>SHREVEPORT, LOUISIANA</u> 24-Hour Emergency Number: 318-861-0880 9435 St. Vincent Avenue Shreveport, Louisiana 71106 Fax: 318-861-1285
<u>JACKSON, MISSISSIPPI</u> 24-Hour Emergency Number: 601-372-3232 1075 Mendell Davis Drive Jackson, Mississippi 39272 Fax: 601-372-3356	<u>BILOXI, MISSISSIPPI</u> 24-Hour Emergency Number: 228-396-3866 13032 Shriners Boulevard Biloxi, Mississippi 39532 Fax: 228-396-3836
<u>LITTLE ROCK, ARKANSAS</u> 24-Hour Emergency Number: 501-945-0092 261 Newman Drive N Little Rock, Arkansas 72117 Fax: 501-945-0202	<u>MEMPHIS, TENNESSEE</u> 24-Hour Emergency Numbers: 866-281-3232 (or) 662-280-3232 1855 Veterans Drive Southaven, Mississippi 38671 Fax: 662-280-3011
<u>BIRMINGHAM, ALABAMA</u> 24-Hour Emergency Number: 205-663-8737 228 Regency Park Alabaster, Alabama 35007 Fax: 205-663-4404	<u>MOBILE, ALABAMA</u> 24-Hour Emergency Number: 251-662-3500 3750 Halls Mill Road Mobile, Alabama 36693 Fax: 251-662-3400
<u>LAREDO, TEXAS</u> 24-Hour Emergency Number: 877-398-9911 4401 Highway 359, Suite 1 Laredo, Texas 78046 Fax: 956-722-9914	<u>HOUSTON, TEXAS</u> 24-Hour Emergency Number: 281-867-4100 950 Seaco Ave. Deer Park, Texas 77536 Fax: 281-867-4101

RESPONSE EQUIPMENT (Jackson, Mississippi and Service Locations)

Containment Boom Jackson, Mississippi

Qty. (ft.)	Model	Size	Description
2,000	River	18"	Quick Connect, 100 ft. sections, 22 oz. Fabric
400	Miniboom	10	Quick Connect, 50 ft. sections, 22 oz. Fabric

Vacuum Trucks & Skimmers (*Effective Daily Recovery Capacity, Derated to 20% Efficiency per NVIC 7-92), Jackson, MS

Qty.	Type	EDRC* (Barrels)	Description
1	Vacuum Truck	500	70-Barrel Capacity, Stainless Steel
1	King-Vac	500	70-Barrel Capacity
1	Guzzler	500	60-Barrel Capacity
1	Goo Gobbler	616	24" Aluminum Cylinder Skimmer with Hydraulic Pack
1	Goo Gobbler	616	24" Aluminum Cylinder Skimmer with Pneumatic Pack

Temporary Storage Capacity, Jackson, Mississippi (Minimum in Inventory)

Qty.	Type	Capacity	Description
15	Overpack Drums	95 Gal.	Polyethylene
30	Overpack Drums	85 Gal.	Steel
100	Open Top Drums	55 Gal.	Steel
36	Open Top Drums	55 Gal.	Polyethylene
36	Closed Top Drums	55 Gal.	Steel
18	Closed Top Drums	55 Gal.	Polyethylene
4	Storage Tanks	1,100 Gal.	Polyethylene
1	Skid-Mounted Tank	5,000 Gal.	Steel
2	Tote-Container	250 Ga.	Polyethylene

Vessels and Motors, Jackson, Mississippi

Qty.	Type	Size, ft.	HP	MPH	Range, Mi.	Lbs.	Crew Size
1	Fast Response Vessel	20	2 - 88	60	150	2,500	6
1	Work Boat	18	90	40	40	1,250	4
1	Work Boat	16	25	25	30	1,000	2
1	Work Boat	14	15	25	30	350	2
3	Work Boat	12			150		2

Transportation Equipment, Jackson, Mississippi

Qty.	Description	Qty.	Description
18	Pick-up Trucks	1	36' HazMat Response Trailer/Chemical Transfer Unit with
1	6,000-Gallon Stainless Steel Tanker	1	53' Command/Communications Trailer
2	20' Equipment Trailer	1	53' Bunkhouse Trailer
1	16' Equipment Trailer with sides	1	32' Mobile Command Post with Field Laboratory
1	16' Oil Spill Response Trailer	1	Traffic Control Trailer with Traffic Control Equipment
1	25' Equipment Trailer with hydraulic crane	1	PPE Trailer
3	25' Gooseneck Equipment Trailer	2	25' Equipment Trailer
1	36' Response Trailer	1	18' Equipment Trailer
2	4-WD ATVs	1	8' Equipment Trailer
3	Over the Road Trucks with Roll Off Frames		

Supplies, Consumable, Jackson, Mississippi (Minimum in Inventory)

Qty.	Description	Qty.	Description
50	Bales, Sorbent Pads	10	Bags, Vermiculite
25	Bags, 8" Sorbent Boom, 40'	50	Bales, Fiberperl / Cell-u-Sorb
30	Bags, Citric Acid	25	Bags, Hydrated Lime
150	Bags, Oil-Gator	25	Bags, FloorDri
25	Bales, Chemical Pads	10	Micro-Blaze
25	Bags, Ferrous Sulfate		

Personal Protective Equipment, Jackson, Mississippi

Qty.	Description	Qty.	Description
12	Level A Suits, DuPont Tychem	200	Pair, Nitrile Gloves
1	Level A Suit Tester	200	Pair, Neoprene Gloves
20	Fully-Encap. Level B suits, CPF 3 & 4	50	Pair, SilverShield Gloves
100	Level B Suits, CPF 3	50	Pair, SilverShield Boot Covers
150	Level B Suits, CPF 2	50	Pair, Rubber Boot Covers
250	NexGen Suits	1,000	Pair, Nitrile Inner Gloves

RESPONSE EQUIPMENT (Jackson, Mississippi and Service Locations)

Breathing Air Trailer, Jackson, Mississippi

Qty.	Description
12	High Pressure (6,000 psi) Grade-D Breathing Air Cylinders

Respiratory Protective Equipment, Jackson, Mississippi

Qty.	Description
1	Breathing Air Trailer (Grade D) consisting of 12 6,000 PSI Cylinders
9	MSA Self-Contained Breathing Apparatus (SCBA), 60 minutes, including 12 NFPA-Compliant SCBAs
7	Hip-Mounted Breathing Air Units
30	Air-Purifying Respirators

Safety Equipment, Jackson, Mississippi

Qty.	Description	Qty.	Description
1	Blast Shield with Remotely-Operated Drill Press	400	Chemical-Specific Colorimetric Detector Tubes
2	HazCat Kit	1	Hydrogen Cyanide Detector
1	Portable Weather Station	1	Ammonia Detector
1	Random Aerosol Monitor (RAM)	1	Vented Exhaust Hood, Portable
3	Photoionization Detector (PID)	12	Mustang Flotation Jackets
1	Flame Ionization Detector (FID)	8	Mustang Survival/Flotation Suits
1	Lumex Portable Mercury Vapor Analyzer	1	Passport
4	Colorimetric Tube Pumps	2	MSA Watchman
2	Entry Rae 4-Gas Meter	3	Radiological Survey Meter (NORM)
1	Guardian Biological Agent Detector		

Pumps, Transfer and Miscellaneous Equipment, Jackson, Mississippi

Qty.	Description	Qty.	Description
1	Stainless Steel Betts Valve	1	3" Stainless Steel Vane Pump
1	Vac-U-Max Stainless Steel Drum Pump	1	LPG / Anhydrous Ammonia Pump
1	Corken Compressor (Chlorine)	1	4,300-Watt Generator
1	Nitrogen Purge System for Chemical Transfers	2	2" Stainless Steel Air Diaphragm Pump, Viton Elastomers
1	3" Flare Stack	1	2" Stainless Steel Air Diaphragm Pump, Teflon Elastomers
320	Feet, 2" Stainless Steel LPG / Anhydrous	3	1" Polypropylene Air Diaphragm Pump, Viton Elastomers
	Ammonia Transfer Hose	2	2" Polypropylene Air Diaphragm Pump, Viton Elastomers
140	Feet, 2" Resistoflex Chemical Hose	4	2" Gas Wash Pump
220	Feet, 2" Teflon Chemical Transfer Hose	4	1" Wash Pump
3	Coppus Blower	3	1 1/2" High Pressure Washer Pump
150	Feet, 2" U.H.M.W.P. Chemical Transfer Hose	2	3" Gas Trash Pump
150	Feet, 1" U.H.M.W.P. Chemical Transfer Hose	4	2" Aluminum Air Diaphragm Pump
100	Feet, 2" Chemical Transfer Hose with Poly Fittings	1	60 kw Generator
200	Feet, 1" Monel Chlorine Transfer Hose	1	Carbon Filter Unit 2000lb. Capacity
300	Feet, Hydraulic Hose	2	Biological Fogging Units
1	Magnetic Patch	1	21.7 hp Hydraulic Power Pack
1	Chlorine "C" Kit	6	2" 1000 P.S.I. Stainless Steel Shutdown Valves
1	6,600-Watt Generator	1	Remote Emergency Shutdown System (3 shutdown locations)
30	3/4" Acme Brass Adapters	2	2" Sightglass, backflow valves
1	185 CFM Air Compressor	1	High-Pressure Steam Cleaner
1	Butterworth	1	Portable Light Tower 4000-Watt
1	Explosion-Proof Lighting	1	2" Kynar Versamatic Diaphragm Pump
1	60 KVA Generator	2	7,200-Watt Generators
1	Haz-Hammock	2	Pressure Washer-Hot Water, trailer-mounted, self-contained
Comprehensive supply of stainless steel and polyethylene fittings, valves, nipples, bushings, reducers and couplings			

Communications and Electronics, Jackson, Mississippi

Qty.	Type	Frequency	Range, Mi.	Description
12	Motorola Hand-Held	851-866 MHz	5	Intrinsically Safe
25	Cellular Telephone		Nationwide	Hand Held
10	GPS Units			Hand Held
2	Lazar Temperature Guns			
10	Digital Cameras			

RESPONSE EQUIPMENT (Jackson, Mississippi and Service Locations)

Mercury Spill Equipment and Supplies, Jackson, Mississippi

Qty.	Description	Qty.	Description
3	Mercury Vacuum	25	Pounds, Mercury Granular Absorbent
15	Gallons, Mercon Solution	10	Mercury Indicator Powder

Heavy Equipment, Jackson, Mississippi

Qty.	Description
1	4-Wheel Drive Cat Rubber-Tire Backhoe with Extend-a-hoe Attachment
1	Catepillar 320 Track hoe
1	Catepillar D5M Bull Dozer
1	Catepillar Skid Steer (bob cat)
1	Mini Excavator
1	Sheep's foot compactor (60" drum)
1	18 Yard tandem dump truck
1	End-Dump Trailer
1	2,000 gallon water truck
1	Tractor trailer with lo-boy

Firefighting Equipment and Supplies, Jackson, Mississippi

Qty.	Description	Qty.	Description
1	Akron 536 Cellar Nozzle	1	Firefighting Trailer with foam capability and 2,500 GPM pump
1	Akron 911 Oscillating Monitor with Nozzle	1	Firefighting Trailer with foam capability and 1,100 GPM pump
1	Akron 3443 Quick-Attack Monitor	1	Firefighting Support Trailer
1	Portable Monitor	18	NEPA-Compliant Firefighting Turnout/Bunker Gear
500	Feet, 3" LDH (Supply Line) Fire Hose	10	DuPont Tychem® CPF Thermo Pro (chemical and fire-resistant, level B suits)
500	Feet, 5" LDH (Supply Line) Fire Hose	8	NEPA-Compliant Self-Contained Breathing Apparatus (SCBA)
200	Gallons, AFFF and High-Expansion Foam	8	Spare Bottles of Air
115	Gallons, X-TRA High Expansion Foam	2	350-lb. Wheeled Purple K Fire Extinguishers
1	K-12 Abrasive Saw	6	20-lb. Cartridge Purple K Fire Extinguishers
1	2,100-Gallon Water Tank, Portable	4	30-lb. Metal X Fire Extinguishers
120	Feet, 6" Suction Hose with Camlock Fittings	1	Tempest PPV Fan, Gasoline
1	1/2" 95 GPM in-line Foam Eductor	1	500 GPM Self Educating Foam Master Stream Nozzle
2	1/2" in-line Foam Eductor	1	1000 GPM Self Educating Foam Master Stream Nozzle
2	750 Cumlin 25 GPM Hi-Ex Foam Nozzle w/Eductor	4	1 1/2" Turbojet Nozzle w/ Pistol Grip
1	Smoke Ejector	1	Elkart Chief Nozzle
2	2 1/2" X (2) 1 1/2" Gated Wye	3	Turbojet Fog Nozzle
1	(2)2 1/2" x 5" Storz Outlet Siamese Clappered	1	6" Nercyrt Nozzle
1	Water Thief w/(2) 1 1/2" x (1) 2 1/2"	1	3" Piercing Nozzle
1	LDH Manifold 5" Storz x (4) 2 1/2"	1	Stacked Tips Set for Monitor
1	LDH Manifold 5" Storz x (3) 2 1/2"	1	250 GPM Medium Expansion 2 1/2" Nozzle
2	2 1/2" NH Gated Valve	6	6" x 20" Suction Hose w/ Camlock Fittings
1	2 1/2" Double Female Adapter	1	6" Basket Strainer
1	2 1/2" Double Male Adapter	1	6" Floating Strainer
4	6" Female nh x 5" Storz Adapter	1	2100 Gal. Portable/Folding Water Tank
1	5" Female nh x 5" Storz Adaptor	1	Gasoline PPV Fan
3	4 1/2" Female nh x 5" Storz Adapter	1	Stokes Stretcher w/Floataation Kit
2	2 1/2 nhf x 5" Storz Adapter	1	Long Hand Board (Plastic)
1	Herbert LDH Hose Clamp	1	Sled
1	Eyewash Station	1	Confined Space Rescue Kit
1	First Aid Kit		
1	Fire Boss, twin agent (AFFF Foam and PKP Extinguishing Agents)		
1	Darley Hercules Portable Fire Pump, rated at 575 GPM		
6	Radios		

Comprehensive supply of ladders, tools and accessories, including Akron turbojet nozzles, flathead axes, pike poles, etc.

RESPONSE EQUIPMENT (Jackson, Mississippi and Service Locations)

Traffic Control Equipment, Jackson, Mississippi

Qty.	Description	Qty.	Description
1	Solar Powered Arrow Board	4	Roadwork Ahead Signs
1	Truck with flashing lights	4	Right/Left Lane Closed One Mile Signs
1	24' Foot Equipment Trailer	4	Right/Left Lane Closed One-Half Mile Signs
2	Stop and Slow Flagger Paddles with 6' Staff	2	Right/Left Lane Closed 1500 Feet Signs
10	Personnel Clip On Flashing Lights	4	Lane Diversion/ Lane Ends Signs
4	Flaggers Flags	2	Reduced Speed Ahead Signs
8	Blinking Lights	2	Speed Limit 60 Signs
12	Flagman's Reflective Vests	2	One Lane Road Ahead Signs
50	Traffic Control Cones	2	Be Prepared to Stop Signs
70	Tires (to keep barrels in place)	2	Flagman Ahead Signs
180	Feet, Traffic Control Interlocking Barricades	2	Shoulder Work Signs
10	Tripod Sign Stands	2	End Road Work Signs
20	H Style Sign Stands	1	Speeding Fines Doubled When Workers Are Present Sign
4	Lighted Hand Wands	4	Blank MPH Signs
60	Traffic Control Barrels	1	Road Closed Authorized Personnel Only Sign
2	Exit Signs	1	Right Shoulder Closed w/Next xx Miles Plaque
2	Yield Signs	1	Right Shoulder Closed w/xx Feet Plaque
2	Road Work One Mile Signs	1	Left Shoulder Closed w/Next xx Miles Plaque
		1	Left Shoulder Closed w/xx Feet Plaque

3.3 Rail Yard Evacuation Procedures

Assess the Situation: The Qualified Individual shall assess the situation to the extent that time and safety permits when initiating an evacuation. The following should be taken into account:

- ✓ **Prevailing wind direction and estimated speed** (Windsocks located around the yard may be used to determine wind direction. Adjectives, such as “strong”, “gusty”, “steady” or “calm”, can be used if miles per hour (mph) cannot be determined.)
- ✓ **Hazards imposed by released material** (corrosive, flammable, toxic, etc.)
- ✓ **Release flow direction**
- ✓ **Water currents, tides, or wave conditions** (if applicable)

Exit Facility by the designated Emergency Route Assignment: Personnel not involved in emergency response efforts shall leave the facility area. Personnel designated to remain behind shall:

- ✓ **Shelter-In-Place.** Stay inside, shut all doors and windows to the occupied area (seal if necessary), and close off the air conditioning/ventilation (HVAC) system.
- ✓ **Care for essential facility operations.**
- ✓ **Operate firefighting systems.**
- ✓ **Perform emergency response related tasks, if safe to do so.**

Proceed to designated places of refuge: See Section 3.4 for Responder Staging Areas.

3.3.1 Rail Yard Specific Evacuations



Click here to access the Norfolk Southern Yard Evacuation Plan and Map for the Hattiesburg site.



The Canadian National Yard Evacuation Plan is not a separate document, but is included in the Emergency Action Plan for the Hattiesburg site referred to in Section 7 of this document. **Click here to access the CN Emergency Action Plan.**

The Kansas City Southern Yard has no specific local emergency evacuation plan and follows typical KCS HAZMAT instruction for emergencies.

3.4 Responder Staging Areas (RSA)

A responder staging area (RSA) should be used to receive, coordinate, manage, and deploy responders and their accompanying resources. For most small scale releases, one RSA may be sufficient. Larger events and disasters may generate a need for multiple RSAs.

A Staging Area Manager should be assigned to each established RSA. The Staging Area Manager is the principle supervisor of the RSA and will coordinate with the establishing entity for the assignment of staging area staff, equipment, supplies, and services necessary to operate the site.

Potential RSA locations include:

- ❖ **Mount Carmel Baptist Church parking lot, 1101 North Main Street**
- ❖ **Hardy Street Baptist Church parking lot, 1508 Hardy Street**

- ❖ _____
- ❖ _____
- ❖ _____

3.4.1 Strategy for Establishing an RSA Site

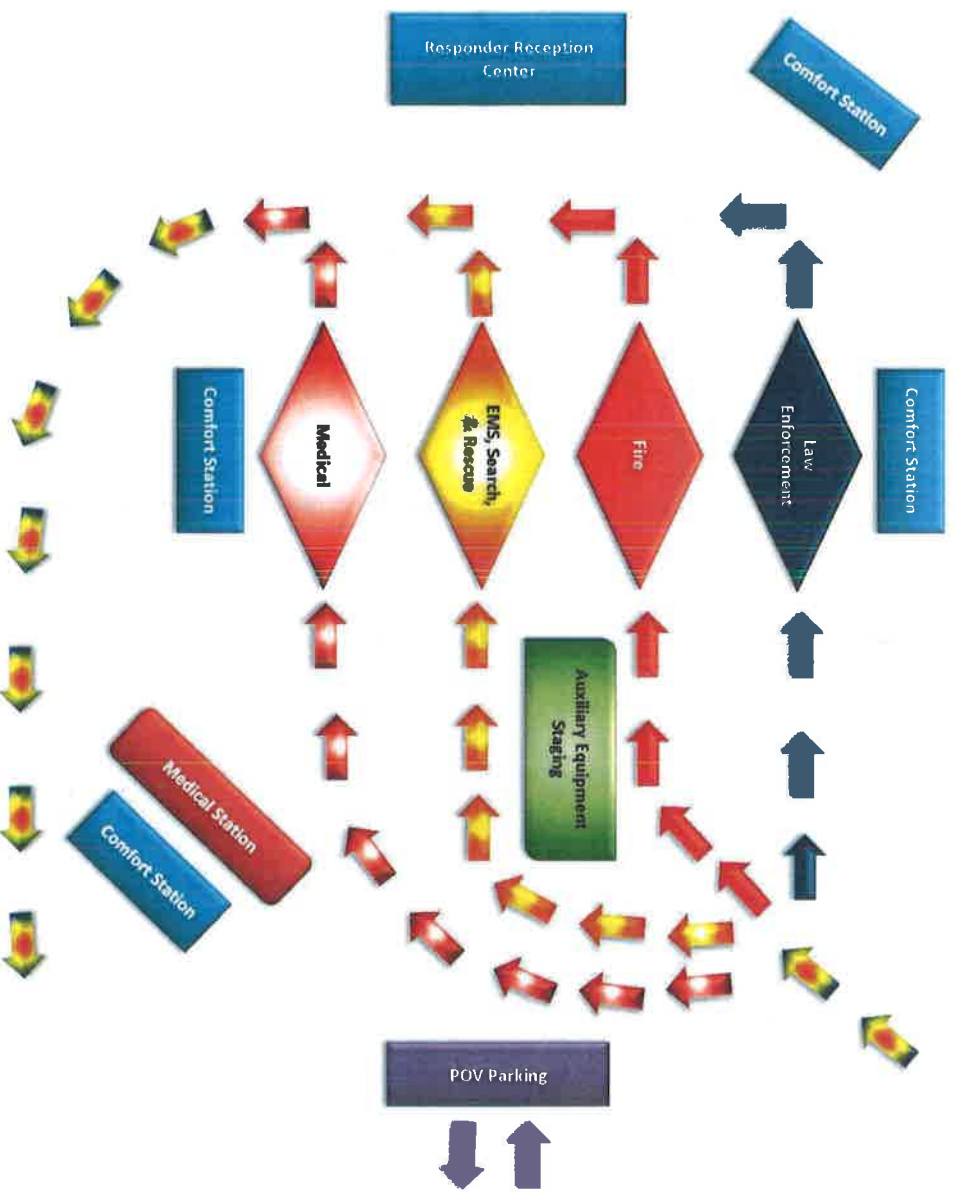
RSAs will be located in the general vicinity of the incident but away from immediate danger/impacted area. Typical locations include city parks, fairgrounds, airports, or large parking areas near major avenues of access to the impacted areas.

RSA site selected should provide:

- Overall site safety and the threat (360° - Over/Under/Through/Around) and security for safe operation of the site.
- A one-way/circular traffic pattern that facilitates receipt, staging and dispatch of multiple vehicles/crews.
- Space for receiving, temporary storage, maintenance, and deployment of responder equipment and material.
- A designated space (sheltered if possible) with personnel and equipment for:
 - Refueling (consider all potential environmental impacts when locating refueling operations);
 - Repair and refurbishment of response equipment; and
 - Coordinating, testing, and maintenance of incoming responder communications systems.
- Medical first aid and temporary shelter for responders and site crew.
- Space for storing and distributing any available supplies (i.e. PPE) for responders.
- Space (or nearby base camp) to provide food, water, shelter, and sanitation facilities for responders and site personnel.
- Ease and safety in accessing anticipated modes of transport (truck, helicopter, boat, etc.).
- Close proximity with easy access to the incident site.
- Plan for the emergency provision of:
 - Electrical power;
 - Telephone/fax and internet services; and
 - Office space.
- Decontamination areas for personnel and equipment, if appropriate.

Figure 3.4.1 provides an example of a rough RSA layout. The actual site layout of each RSA will be determined by each situation, the location, the weather, the terrain, etc.

Figure 3.4.1 – Example RSA Layout



SECTION 4: HAZARD EVALUATION

The purpose of this section is to identify potential commodity hazards and the impacts to the surrounding area in the event of a release. The hazards evaluation and identification is intended to assist Forrest County EMA in planning for potential releases, thereby reducing the severity of the impacts to the public and nearby property that may potentially occur.

4.1 Norfolk Southern – Dragon Siding

4.1.1 Hazard Identification

This section lists the most frequent hazardous commodity that may be present in large quantities at this facility at any given time. The presence of such materials is temporary only and they are stored in Rail Tank Cars that are either moving through this rail yard or are stopped here while being interchanged to another railroad.

- Propane/Liquefied Petroleum Gas (LPG)

4.1.1.1 Storage Tanks

There are no substantial Aboveground Storage Tanks (AST) located at this rail yard. If such tanks are constructed in the future, this section will be updated to reflect that. This rail yard services nearby propane companies who have substantial AST nearby.

4.1.1.2 Health Hazard

Specific hazards for the most frequent commodities are listed in Table 4.1.1.2, based on the National Library of Medicine's (NLM) Wireless Information System for Emergency Responders (WISER). ***Click on the Commodity Name to go to Chemical Data Sheet.***

TABLE 4.1.1.2
SPECIFIC COMMODITY HAZARDS
@ NORFOLK SOUTHERN – DRAGON SIDING

Material Name	Vapor Density ¹	Flammable Range ² LEL UEL	Flash Point ³	Specific Gravity ⁴	Toxicity Level ⁵
Propane /LPG	1.56 @ 32°F	2.1% 9.5%	~156°F	0.493 @ 77°F	OSHA PEL-TWA: 1000mg/m3

Note 1: Vapors/gases less than 1 will rise in air and be trapped at the top of enclosures. Vapors greater than 1 will sink in air, travel along ground, and settle in low areas.

Note 2: LEL (lower explosive limit) is the same as LFL (lower flammable limit). UEL (upper explosive limit) is the same as UFL (upper flammable limit). Variable

Note 3: Flash point is the temperature at which enough vapors are present to ignite and flash across the liquids surface when an ignition source is provided.

Note 4: Specific gravity is whether a material will float or sink in water. Any number less than one means the product will float on the surface. Any number greater than one will sink beneath the water. A number equal to one will disperse throughout water.

Note 5: These are published exposure limits found on Material Safety Data Sheets. PEL is OSHA's permissible exposure limit. TLV is threshold limit value-time weighted average. STEL is time weighted (8-hour) average-short term (15-min.) exposure limit.

NDA means no data is available. **NE** means not established.

4.1.1.3 Petroleum, Oil, and Lubricants (POL) Operations and Containment

There are no POL operations at this facility other than the Diesel Fuel that would be in the fuel tanks of the Diesel Locomotives operating at this rail yard or that may be temporarily brought in to refuel a locomotive by a highway tank truck or trailer.

4.1.1.4 Loading/Unloading of Transportation Vehicles

There are no regularly scheduled loading or unloading operations or permanent Loading/Unloading facilities for transportation vehicles at this facility at this time.

4.1.1.5 Day-to-Day Operations

This rail yard operates 24 hours per day, 7 days per week. There may be from 1 to 10 employees and or contractors working in this rail yard at any given time.

4.1.1.6 Secondary Containment

There are no secondary containment facilities or structures at this facility at this time.

4.1.2 Vulnerability Analysis

DATA

The following information describes the areas, facilities and environmental impacts near this rail yard and the vulnerability to releases of a hazardous commodity staged or passing through this rail yard. **Click on the DATA button above to access the database for this site.**

4.1.2.1 Public Water Supply

There are no water wells located within the large release area (0.5 miles) of this site.

4.1.2.2 Schools

The 3 schools closest to this rail yard are listed in Table 4.1.2.2, and could be affected in the event of a large release.

TABLE 4.1.2.2 SCHOOLS NEAR NORFOLK SOUTHERN – DRAGON SIDING			
School	Distance / Location From Rail Yard	Phone	
Petal Middle School	2.0 miles SE	(601) 584-6301	
Charles H. Johnson Head Start	1.8 miles S	(601) 544-4195	
Play School Child Care Center	2.0 miles SE	(601) 544-4018	
*Note: Distance from station is approximate mileage.			

4.1.2.3 Nursing Homes

There are no nursing homes located within the large release area (0.5 miles) of this site.

4.1.2.4 Medical Facilities

There are no major emergency medical facilities located within the large release area (0.5 miles) of this site. Injured personnel should be transported by local ambulance to the closest available medical centers listed in Table 4.1.2.4.

**TABLE 4.1.2.4
NEARBY EMERGENCY MEDICAL FACILITIES**

Medical Facility	Distance From Rail Yard	Location	Phone
Forrest General Hospital	6.8 miles	6051 Hwy 49	(601) 288-7000
Wesley Medical Center	8.5 miles	5001 Hardy St	(601) 268-8000

*Note: Distance from station is approximate mileage.

4.1.2.5 Residential Areas

In the event of a large release (0.5 miles) at this facility, approximately 23 residential dwellings could possibly be impacted.

4.1.2.6 Sensitive Environmental Areas

The Leaf River is located 0.5 miles to the west of this facility and in the event of a large release it could possibly be impacted.

4.1.2.7 Recreational Areas

The closest park to this facility is Optimist Park. This park is located approximately 1.4 miles from this facility and is not expected to be impacted in the event of a large release (0.5 miles) at this site.

4.1.2.8 Transportation Routes

Highway 11 and 42 are the major highways located within 0.5 miles of this facility and could possibly be impacted in the event of a large release at this site.

4.1.2.9 Public Utilities

The electric power company for this site is Mississippi Power. Other utilities are provided by Eastabuchie Utility Association, Inc. These companies should be contacted in the event of a release.

4.1.2.10 Businesses

In the event of a large release (0.5 mile) at this facility, approximately 9 businesses could possibly be impacted.

4.1.2.11 Vulnerability to Natural Disasters

Forrest County is ranked 21 out of 82 counties in Mississippi for tornados. A total of 91 historical tornado events have been recorded with a magnitude of 2 or greater. No historical earthquake or volcano events have been recorded.

4.1.2.12 Fire/Explosion

The potential for a quantity of Propane/LPG to be released (as vapor or liquid) during a fire or igniting during a release exists. Propane/LPG is highly flammable and easily ignited. The vapors are heavier than air and may travel long distances to a source of ignition and flash back. Under prolonged exposure to fire or heat the containers may rupture violently.

4.1.3 Facility Reportable Incident History

FRA records show that there has not been an accident/incident at this facility within the last 10 years. If an accident/incident occurs at this facility, this section should be updated accordingly.

In accordance with 40 CFR 300.405 requirements, the following minimum information must be recorded in the future documentation of reportable hazardous releases:

- Location of release;
- Type(s) of material(s) released;
- An estimate of the quantity of material(s) released;
- Possible source of release; and
- Date and Time of release.

4.2 Norfolk Southern

4.2.1 Hazard Identification

This section provides a list of the eight most frequent hazardous commodities that may be present in large quantities at this facility at any given time. The presence of such materials is temporary only and they are stored in Rail Tank Cars that are either moving through this rail yard or are stopped here while being interchanged to another railroad.

- Acrylic Acid, Stabilized
- Chlorine
- Ethylene Oxide
- Propane/Liquefied Petroleum Gas (LPG)
- Methanol
- Phosphoric Acid
- Sodium Hydroxide Solution
- Sulfuric Acid

4.2.1.1 Storage Tanks

There are no substantial Aboveground Storage Tanks (AST) located at this facility. If such tanks are constructed in the future, this section will be updated to reflect that.

4.2.1.2 Health Hazard

Specific hazards for the eight most frequent commodities are listed in Table 4.2.1.2, based on the National Library of Medicine's (NLM) Wireless Information System for Emergency Responders (WISER). **Click on the Commodity Name to go to Chemical Data Sheet.**

TABLE 4.2.1.2
SPECIFIC COMMODITY HAZARDS
@ NORFOLK SOUTHERN

Material Name	Vapor Density ¹	Flammable Range ² LEL UEL	Flash Point ³	Specific Gravity ⁴	Toxicity Level ⁵
Acrylic Acid, Stabilized	2.5	2.4% 8.02%	121°	1.0511 @ 68°F	NIOSH REL-TWA: 10 ppm
Chlorine	2.48			2.98 g/L	OSHA PEL-C: 1 ppm
Ethylene Oxide	1.49	3% 100%	NA (GAS) -20°F (Liquid)	0.882 @ 50°F	OSHA PEL-TWA: 1 ppm
Propane/LPG	1.56 @ 32°F	2.1% 9.5%	~156°F	0.493 @ 77°F	OSHA PEL-TWA: 1000 mg/m ³
Methanol	1.11	6% 36.5%	52°F	0.792 @ 68.0°F	
Phosphoric Acid				miscible	OSHA PEL-TWA: 1 mg/m ³
Sodium Hydroxide Solution				2.13 @ 77°F solid	OSHA PEL-TWA: 2 mg/m ³
Sulfuric Acid				1.84	OSHA PEL-TWA: 1 mg/m ³

Note 1: Vapors/gases less than 1 will rise in air and be trapped at the top of enclosures. Vapors greater than 1 will sink in air, travel along ground, and settle in low areas.

Note 2: LEL (lower explosive limit) is the same as LFL (lower flammable limit). UEL (upper explosive limit) is the same as UFL (upper flammable limit). Variable

Note 3: Flash point is the temperature at which enough vapors are present to ignite and flash across the liquids surface when an ignition source is provided.

Note 4: Specific gravity is whether a material will float or sink in water. Any number less than one means the product will float on the surface. Any number greater than one will sink beneath the water. A number equal to one will disperse throughout water.

Note 5: These are published exposure limits found on Material Safety Data Sheets. **PEL** is OSHA's permissible exposure limit. **TLV** is threshold limit value-time weighted average. **STEL** is time weighted (8-hour) average-short term (15-min.) exposure limit.

NDA means no data is available. **NE** means not established.

4.2.1.3 Petroleum, Oil, and Lubricants (POL) Operations and Containment

There are no POL operations at this facility other than the Diesel Fuel that would be in the fuel tanks of the Diesel Locomotives operating at this rail yard or that may be temporarily brought in to refuel a locomotive by a highway tank truck or trailer.

4.2.1.4 Loading/Unloading of Transportation Vehicles

There are no regularly scheduled loading or unloading operations or permanent Loading/Unloading facilities for transportation vehicles at this facility at this time.

4.2.1.5 Day-to-Day Operations

This rail yard operates 24 hours per day, 7 days per week. There may be from 1 to 10 employees and or contractors working in this rail yard at any given time.

4.2.1.6 Secondary Containment

There are no secondary containment facilities or structures at this facility at this time.

4.2.2 Vulnerability Analysis

DATA

Out of the eight most frequent hazardous commodities staged or passing through this site, Chlorine has the largest protective action distance (in the event of a large release), with a downwind protection area of 1.9 miles. The following information describes the areas, facilities and environmental impacts near this rail yard and the vulnerability to the release of Chlorine. ***Click on the DATA button above to access the database for this site.***

4.2.2.1 Public Water Supply

There are 4 public water wells at approximately 1.1 miles south of this site. There is 1 water well at 1.5 miles east of the site, and 1 water well northeast at approximately 1.7 miles away. These water wells could be impacted in a large release. The water wells are shown in Figure 9.3.4.

The 400 acre South Lagoon Wastewater Treatment Plant is located approximately 1 mile southeast of the rail yard and could possibly be impacted in the event of a large release at this site.

4.2.2.2 Schools

The 5 schools closest to this rail yard are listed in Table 4.2.2.2, and they could be affected in the event of a large release. In the event of a large release at this facility, 68 school buildings could possibly be impacted.

**TABLE 4.2.2.2
SCHOOLS NEAR NORFOLK SOUTHERN**

School	Distance / Location From Rail Yard	Phone
Mississippi State University - Extension	0.46 miles SW	(601) 545-6083
Sacred Heart Elementary School	0.50 miles SW	(601) 583-8683
Sacred Heart High School	0.70 miles SW	(601) 583-8683
Howard Christian Children Center	0.70 miles SW	(601) 582-7796
Hawkins Elementary School	0.70 miles W	(601) 583-4311

*Note: Distance from station is approximate mileage.

4.2.2.3 Nursing Homes

The 4 nursing homes closest to this rail yard are listed in Table 4.2.2.3, and they may be affected in the event of a large release.

**TABLE 4.2.2.3
NURSING HOMES NEAR NORFOLK SOUTHERN**

Facility	Distance / Location From Rail Yard	Phone
Bay Street Nursing Home	0.70 miles SW	(601) 544-4230
Bedford Care Center of Petal	1.10 miles E	(601) 544-7441
Caritas Manor	1.20 miles E	(601) 545-7744
Hartford Place	1.00 miles SW	(601) 545-8333

*Note: Distance from station is approximate mileage.

4.2.2.4 Medical Facilities

There are no major emergency medical facilities located within the large release area. Injured personnel should be transported by local ambulance to the closest available medical centers listed in Table 4.2.2.4.

**TABLE 4.2.2.4
NEARBY EMERGENCY MEDICAL FACILITIES**

Medical Facility	Distance From Rail Yard	Location	Phone
Forrest General Hospital	3.1 miles	6051 Hwy 49	(601) 288-7000
Wesley Medical Center	5.2 miles	5001 Hardy St	(601) 268-8000

*Note: Distance from station is approximate mileage.

4.2.2.5 Residential Areas

There are approximately 7,077 residential dwellings located within the downwind protection area and could possibly be impacted in the event of a large release.

4.2.2.6 Sensitive Environmental Areas

The Leaf River is located 0.7 miles to the East of this facility and in the event of a large release it could possibly be impacted. Gordon's creek is located approximately 800 feet from this site and could be impacted with a large release.

4.2.2.7 Recreational Areas

There are approximately 7 parks located within the large release area of this facility. In the event of a large release, these parks could possibly be impacted.

4.2.2.8 Transportation Routes

Highway 11 is the only major highway located within the large release downwind protection area.

4.2.2.9 Public Utilities

The electric power company for this site is Mississippi Power. The water and sewer for this area is served by the City of Hattiesburg. These companies should be contacted in the event of a release.

4.2.2.10 Businesses

There are approximately 1,699 commercial buildings located within the downwind protection area and could possibly be impacted in the event of a large release.

4.2.2.11 Vulnerability to Natural Disasters

Forrest County is ranked 21 out of 82 counties in Mississippi for tornados. A total of 91 historical tornado events have been recorded with a magnitude of 2 or greater. No historical earthquake or volcano events have been recorded.

4.2.2.12 Fire/Explosion

Acrylic Acid, Stabilized: Acrylic Acid, Stabilized is a flammable/combustible material. May be ignited by heat, sparks, or flames and vapors may form explosive mixtures with air. Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard. Containers may explode when heated.

Chlorine: Chlorine reacts explosively with or supports the burning of numerous common materials. It may also ignite other combustible materials (wood, paper, oil, etc.) and mixture with fuels may cause an explosion. Container may explode when exposed to heat of fire. Vapors are much heavier than air and tend to settle in low areas.

Ethylene Oxide: Ethylene Oxide is extremely flammable and may react with itself without warning with explosive violence. Container may explode when exposed to fire. Gas is heavier than air and will collect and stay in low areas. Gas may travel long distances to ignition sources and flashback.

Propane/LPG: Propane/LPG is extremely flammable. Propane/LPG can be easily ignited by heat, sparks, or flames and will form explosive mixtures with air. Vapors from liquefied gas are initially heavier than air and may travel along the ground to source of ignition and flash back. Cylinders exposed to fire may vent and release flammable gas through pressure relief devices. Containers may explode when heated.

Methanol: Methanol is highly flammable and burns with an invisible flame. Vapors are heavier than air and will collect in low areas. Vapors may travel long distances to ignition sources and flashback. Containers may BLEVE when exposed to fire.

Phosphoric Acid: Phosphoric acid is non-combustible and does not burn but may decompose upon heating to produce corrosive and/or toxic fumes. Contact with metals may evolve flammable hydrogen gas. Containers may explode when heated.

Sodium Hydroxide Solution: Sodium Hydroxide Solution itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes and containers may explode when heated.

Sulfuric Acid: Sulfuric Acid does not ignite readily but will react with water releasing corrosive and/or toxic gases and runoff which may accumulate in confined areas. Sulfuric Acid may ignite combustibles (wood, paper, oil, clothing, etc.) and contact with metals may evolve flammable hydrogen gas. Containers may BLEVE when exposed to fire and may explode when heated or if contaminated with water.

4.2.3 Facility Reportable Incident History

FRA records show that there has not been an accident/incident at this facility within the last 10 years. If an accident/incident occurs at this facility, this section should be updated accordingly.

In accordance with 40 CFR 300.405 requirements, the following minimum information must be recorded in the future documentation of reportable hazardous releases:

- Location of release;
- Type(s) of material(s) released;
- An estimate of the quantity of material(s) released;
- Possible source of release; and
- Date and Time of release.

4.3 Canadian National

4.3.1 Hazard Identification

This section provides a list of the eight most frequent hazardous commodities that may be present in large quantities at this facility at any given time. The presence of such materials is temporary only and they are stored in Rail Tank Cars that are either moving through this rail yard or are stopped here while being interchanged to another railroad.

- Ammonia, Anhydrous
- Ammonium Nitrate
- Chlorine
- Combustible Liquid, N.O.S.
- Flammable Liquid, N.O.S.
- Propane/Liquefied Petroleum Gas (LPG)
- Sodium Hydroxide Solution
- Sulfur, Molten

4.3.1.1 Storage Tanks

There are no substantial Aboveground Storage Tanks (AST) located at this facility. If such tanks are constructed in the future, this section will be updated to reflect that.

4.3.1.2 Health Hazard

Specific hazards for the eight most frequent commodities are listed below in Table 4.3.1.2, based on the National Library of Medicine's (NLM) Wireless Information System for Emergency Responders (WISER). *Click on the Commodity Name to go to Chemical Data Sheet.*

TABLE 4.3.1.2
SPECIFIC COMMODITY HAZARDS
@ CANADIAN NATIONAL

Material Name	Vapor Density ¹	Flammable Range ² LEL UEL	Flash Point ³	Specific Gravity ⁴	Toxicity Level ⁵
Ammonia, Anhydrous	0.59	16% 25%			OSHA PEL-TWA: 50 ppm
Ammonium Nitrate				1.72 @ 77°F	
Chlorine	2.48			2.98 g/L	OSHA PEL-C: 1 ppm
Combustible Liquid N.O.S.					
Flammable Liquid N.O.S.					
Propane/LPG	1.56 @ 32°F	2.1% 9.5%	~156°F	0.493 @ 77°	OSHA PEL-1000 ppm
Sodium Hydroxide Solution				2.13 @ 77°	OSHA PEL-TWA: 2 mg/m ³
Sulfur, Molten	0.00005lb /cu ft @ 90°F		405°F	1.80 kg/l @ 77°F	

Note 1: Vapors/gases less than 1 will rise in air and be trapped at the top of enclosures. Vapors greater than 1 will sink in air, travel along ground, and settle in low areas.

Note 2: LEL (lower explosive limit) is the same as LFL (lower flammable limit). UEL (upper explosive limit) is the same as UFL (upper flammable limit). Variable

Note 3: Flash point is the temperature at which enough vapors are present to ignite and flash across the liquids surface when an ignition source is provided.

Note 4: Specific gravity is whether a material will float or sink in water. Any number less than one means the product will float on the surface. Any number greater than one will sink beneath the water. A number equal to one will disperse throughout water.

Note 5: These are published exposure limits found on Material Safety Data Sheets. PEL is OSHA's permissible exposure limit. TLV is threshold limit value-time weighted average. STEL is time weighted (8-hour) average-short term (15-min.) exposure limit.

NDA means no data is available. NE means not established.

4.3.1.3 Petroleum, Oil, and Lubricants (POL) Operations and Containment

There are no POL operations at this facility other than the Diesel Fuel that would be in the fuel tanks of the Diesel Locomotives operating at this rail yard or that may be temporarily brought in to refuel a locomotive by a highway tank truck or trailer.

4.3.1.4 Loading/Unloading of Transportation Vehicles

There are no regularly scheduled loading or unloading operations or permanent Loading/Unloading facilities for transportation vehicles at this facility at this time.

4.3.1.5 Day-to-Day Operations

This rail yard operates 24 hours per day, 7 days per week. There may be from 1 to 10 employees and or contractors working in this rail yard at any given time.

4.3.1.6 Secondary Containment

There are no secondary containment facilities or structures at this facility at this time.

4.3.2 Vulnerability Analysis

DATA

Out of the eight most frequent hazardous commodities staged or passing through this site, Chlorine has the largest protective action distance (in the event of a large release), with a downwind protection area of 1.9 miles. The following information describes the areas, facilities and environmental impacts near this rail yard and the vulnerability to the release of Chlorine. **Click on the DATA button above to access the database for this site.**

4.3.2.1 Public Water Supply

There are 4 public water wells within 0.5 miles to the north of this site. There is 1 water well within 1 mile southwest of this site. These wells could be impacted in the case of a large release. The water wells are shown in Figure 9.3.4.

The 400 acre South Lagoon Wastewater Treatment Plant is located within 1 mile east of the rail yard and could possibly be impacted in the event of a large release at this site.

4.3.2.2 Schools

The 4 schools closest to this rail yard are listed in Table 4.3.2.2, and they could be affected in the event of a large release. In the event of a large release, 69 school buildings could possibly be impacted.

TABLE 4.3.2.2
SCHOOLS NEAR CANADIAN NATIONAL

School	Distance / Location From Rail Yard	Phone
Wayside Child Daycare	0.5 miles	(601) 544-0370
William Carey College	1.0 mile	1-800-962-5991
Myers Child Care	0.8 miles	(601) 583-4300
Rowan Elementary School	1.0 miles	(601) 583-0960

*Note: Distance from station is approximate mileage.

4.3.2.3 Nursing Homes

The two nursing homes closest to this rail yard are listed in Table 4.3.2.3, and they may be affected in the event of a large release.

TABLE 4.3.2.3
NURSING HOMES NEAR CANADIAN NATIONAL

Facility	Distance / Location From Rail Yard	Phone
Bay Street Nursing Home	0.80 miles	(601) 544-4230
Hartford Place	0.80 miles	(601) 545-8333

*Note: Distance from station is approximate mileage.

4.3.2.4 Medical Facilities

There are no major emergency medical facilities located within the large release area. Injured personnel would be transported by local ambulance to the closest available medical centers listed in Table 4.3.2.4.

TABLE 4.3.2.4
NEARBY EMERGENCY MEDICAL FACILITIES

Medical Facility	Distance From Rail Yard	Location	Phone
Forrest General Hospital	3.4 miles	6051 Hwy 49	(601) 288-7000
Wesley Medical Center	6.2 miles	5001 Hardy St	(601) 268-8000

*Note: Distance from station is approximate mileage.

4.3.2.5 Residential Areas

There are approximately 5,318 residential dwellings located within the downwind protection area and could possibly be impacted in the event of a large release.

4.3.2.6 Sensitive Environmental Areas

The Leaf River is located 1.0 miles to the East of this facility. In the event of a large release of Chlorine, which has a downwind protection area of 1.9 miles, this river could possibly be impacted depending on wind conditions.

4.3.2.7 Recreational Areas

Chain Park is located approximately 0.5 miles northeast of this site and Pineview Park is located approximately 1.8 miles from this site. In the event of a large release these parks could possibly be impacted depending on wind conditions.

4.3.2.8 Transportation Routes

US Highway 49 and US Highway 11 are major highways located within the large release downwind protection area and could be impacted depending on wind conditions.

4.3.2.9 Public Utilities

The electric power company for this site is Mississippi Power. The water and sewer for this area is served by the City of Hattiesburg. These companies should be contacted in the event of a release.

4.3.2.10 Businesses

There are approximately 1,369 commercial buildings located within the downwind protection area and could possibly be impacted in the event of a large release.

4.3.2.11 Vulnerability to Natural Disasters

Forrest County is ranked 21 out of 82 counties in Mississippi for tornados. A total of 91 historical tornado events have been recorded with a magnitude of 2 or greater. No historical earthquake or volcano events have been recorded.

4.3.2.12 Fire/Explosion

Ammonia, Anhydrous: Ammonia, Anhydrous is a non-flammable gas and must be preheated before ignition can occur. Fire hazard increases in the presence of oil or other combustible materials. Prolonged exposure of containers to fire or heat may cause violent rupturing.

Ammonium Nitrate: Ammonium Nitrate will not burn under typical fire conditions but may accelerate burning when involved in a fire. It is capable of detonation or explosive decomposition or explosive reaction but requires a strong initiating source or must be heated under confinement before initiation. Containers may explode when heated. Runoff may create fire or explosion hazard.

Chlorine: Chlorine reacts explosively with or supports the burning of numerous common materials. It may also ignite other combustible materials (wood, paper, oil, etc.) and mixture with fuels may cause an explosion. Container may explode when exposed to heat of fire. Vapors are much heavier than air and tend to settle in low areas.

Combustible Liquid, N.O.S.: Combustible Liquid, N.O.S. is highly flammable and is easily ignited by heat, sparks, or flames. Vapors may form explosive mixtures with air and may travel to source of ignition and flashback. Containers may explode when heated.

Flammable Liquid, N.O.S.: Flammable Liquid, N.O.S. is highly flammable and is easily ignited by heat, sparks, or flames. Vapors may form explosive mixtures with air and may travel to source of ignition and flashback. Containers may explode when heated.

Propane/LPG: Propane/LPG is extremely flammable. Propane/LPG can be easily ignited by heat, sparks, or flames and will form explosive mixtures with air. Vapors from liquefied gas are initially heavier than air and may travel along the ground to source of ignition and flash back. Cylinders exposed to fire may vent and release flammable gas through pressure relief devices. Containers may explode when heated.

Sodium Hydroxide Solution: Sodium Hydroxide Solution itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes and containers may explode when heated.

Sulfur, Molten: Sulfur, Molten is a flammable solid but must be preheated before ignition can occur. It burns with a pale blue flame that may be difficult to see in daylight.

4.3.3 Facility Reportable Incident History

FRA records show that there has not been an accident/incident at this facility within the last 10 years. If an accident/incident occurs at this facility, this section should be updated accordingly.

In accordance with 40 CFR 300.405 requirements, the following minimum information must be recorded in the future documentation of reportable hazardous releases:

- Location of release;
- Type(s) of material(s) released;
- An estimate of the quantity of material(s) released;
- Possible source of release; and
- Date and Time of release.

4.4 Kansas City Southern

4.4.1 Hazard Identification

This section provides a list of the two most frequent hazardous commodities that may be present in large quantities at this facility at any given time. The presence of such materials is temporary only and they are stored in Rail Tank Cars that are either moving through this rail yard or are stopped here while being interchanged to another railroad.

- Chlorine
- Sodium Hydroxide Solution

4.4.1.1 Storage Tanks

There are no substantial Aboveground Storage Tanks (AST) located at this facility. If such tanks are constructed in the future, this section will be updated to reflect that.

4.4.1.2 Health Hazard

Specific hazards for the two most frequent commodities are listed in Table 4.4.1.2, based on the National Library of Medicine's (NLM) Wireless Information System for Emergency Responders (WISER). *Click on the Commodity Name to go to Chemical Data Sheet.*

TABLE 4.4.1.2 SPECIFIC COMMODITY HAZARDS @ KANSAS CITY SOUTHERN					
Material Name	Vapor Density ¹	Flammable Range ² LEL UEL	Flash Point ³	Specific Gravity ⁴	Toxicity Level ⁵
Chlorine	2.48			2.98 g/L	OSHA PEL-C: 1 ppm
Sodium Hydroxide Solution				2.13 @ 77°	OSHA PEL- TWA: 2 mg/m ³

Note 1: Vapors/gases less than 1 will rise in air and be trapped at the top of enclosures. Vapors greater than 1 will sink in air, travel along ground, and settle in low areas.

Note 2: LEL (lower explosive limit) is the same as LFL (lower flammable limit). UEL (upper explosive limit) is the same as UFL (upper flammable limit). Variable

Note 3: Flash point is the temperature at which enough vapors are present to ignite and flash across the liquids surface when an ignition source is provided.

Note 4: Specific gravity is whether a material will float or sink in water. Any number less than one means the product will float on the surface. Any number greater than one will sink beneath the water. A number equal to one will disperse throughout water.

Note 5: These are published exposure limits found on Material Safety Data Sheets. PEL is OSHA's permissible exposure limit. TLV is threshold limit value-time weighted average. STEL is time weighted (8-hour) average-short term (15-min.) exposure limit.

NDA means no data is available. NE means not established.

4.4.1.3 Petroleum, Oil, and Lubricants (POL) Operations and Containment

There are no POL operations at this facility other than the Diesel Fuel that would be in the fuel tanks of the Diesel Locomotives operating at this rail yard or that may be temporarily brought in to refuel a locomotive by a highway tank truck or trailer.

4.4.1.4 Loading/Unloading of Transportation Vehicles

There are no regularly scheduled loading or unloading operations or permanent Loading/Unloading facilities for transportation vehicles at this facility at this time.

4.4.1.5 Day-to-Day Operations

This rail yard operates 24 hours per day, 7 days per week and is typically unmanned.

4.4.1.6 Secondary Containment

There are no secondary containment facilities or structures at this facility at this time.

4.4.2 Vulnerability Analysis

DATA

Out of the two most frequent hazardous commodities staged or passing through this site, Chlorine has the largest protective action distance (in the event of a large release), with a downwind protection area of 1.9 miles. The following information describes the areas, facilities and environmental impacts near this rail yard and the vulnerability to the release of Chlorine. ***Click on the DATA button above to access the database for this site.***

4.4.2.1 Public Water Supply

There are no public water wells located within the large release downwind protection area for Chlorine of 1.9 miles of this site. The water wells are shown in Figure 9.3.4.

4.4.2.2 Schools

The 3 schools closest to this rail yard are listed in Table 4.4.2.2, and they could be affected in the event of a large release. In the event of a large release at this facility, 3 schools could possibly be impacted.

TABLE 4.4.2.2
SCHOOLS NEAR KANSAS CITY SOUTHERN

School	Distance / Location From Rail Yard	Phone
Earl Travillion Attendance Center	1.0 miles	(601) 584-9303
Lowery A. Woodall Center	1.5 miles	(601) 554-5551
Guiding Light Learning Center	1.5 miles	(601) 544-9222

*Note: Distance from station is approximate mileage.

4.3.2.3 Nursing Homes

There are no nursing homes located within the large release downwind protection area for Chlorine of 1.9 miles at this site.

4.4.2.4 Medical Facilities

There are no major emergency medical facilities located within the large release area. Injured personnel would be transported by local ambulance to the closest available medical centers listed in Table 4.4.2.4.

**TABLE 4.4.2.4
NEARBY EMERGENCY MEDICAL FACILITIES**

Medical Facility	Distance From Rail Yard	Location	Phone
Forrest General Hospital	6.2 miles	6051 Hwy 49	(601) 288-7000
Wesley Medical Center	9.2 miles	5001 Hardy St	(601) 268-8000

*Note: Distance from station is approximate mileage.

4.4.2.5 Residential Areas

There are approximately 594 residential dwellings located within the downwind protection area and could possibly be impacted in the event of a large release.

4.4.2.6 Sensitive Environmental Areas

The Leaf River is located 1.6 miles to the East of this facility. In the event of a large release of Chlorine, which has a downwind protection area of 1.9 miles, this river could possibly be impacted, depending on wind conditions.

4.4.2.7 Recreational Areas

The closest park to this facility is Larry Doleac Youth Baseball Complex. This park is located approximately 4.7 miles from this facility and therefore should not be impacted in the event of a large release of Chlorine with a downwind protection area of 1.9 miles.

4.4.2.8 Transportation Routes

U.S. Highway 49 and 98 are major highways located within the 1.9 mile downwind protection area for Chlorine and could possibly be impacted in the event of a large release. The Bobby Chain Airport is also located in the 1.9 mile downwind protection area.

4.4.2.9 Public Utilities

The electric power company for this site is Mississippi Power. The water and sewer for this area is served by the City of Hattiesburg. These companies should be contacted in the event of a release.

4.4.2.10 Businesses

There are approximately 124 commercial buildings located within the downwind protection area and could possibly be impacted in the event of a large release.

4.4.2.11 Vulnerability to Natural Disasters

Forrest County is ranked 21 out of 82 counties in Mississippi for tornados. A total of 91 historical tornado events have been recorded with a magnitude of 2 or greater. No historical earthquake or volcano events have been recorded.

4.4.2.12 Fire/Explosion

Chlorine: Chlorine reacts explosively with or supports the burning of numerous common materials. It may also ignite other combustible materials (wood, paper, oil, etc.) and mixture with fuels may cause an explosion. Container may explode when exposed to heat of fire. Vapors are much heavier than air and tend to settle in low areas.

Sodium Hydroxide Solution: Sodium Hydroxide Solution itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes and containers may explode when heated.

4.4.3 Facility Reportable Incident History

FRA records show that there has not been an accident/incident at this facility within the last 10 years. If an accident/incident occurs at this facility, this section should be updated accordingly.

In accordance with 40 CFR 300.405 requirements, the following minimum information must be recorded in the future documentation of reportable hazardous releases:

- Location of release;
- Type(s) of material(s) released;
- An estimate of the quantity of material(s) released;
- Possible source of release; and
- Date and Time of release.



4.5 CHEMICAL DATA SHEETS

SECTION 4: HAZARD EVALUATION



ACRYLIC ACID

(INHIBITED)

UN 2218

Shipping Name: Acrylic acid, inhibited
Other Names: Acroleic acid

Ethylene carboxylic acid

GAA

Glacial acrylic acid



Propene acid

Propenoic acid

2-Propenoic acid

Vinyl formic acid

WARNING! • MAY REACT WITH ITSELF BLOCKING RELIEF VALVES LEADING TO TANK EXPLOSION!

Hazards: • Vapors or liquid can cause burns to eyes, nose, skin and lungs • Fire fighting gear (including SCBA) does not provide adequate protection. If exposure occurs, remove and isolate gear immediately and thoroughly decontaminate personnel • May react with itself without warning with explosive violence • Vapors may travel long distances to ignition sources and flash back	Description: • Shipped as a colorless liquid • Sharp rancid odor • Initially sinks in water and is soluble in water • Very flammable • Freezes at 56° F
Awareness and Operational Level Training Response: • Stay upwind and uphill • Determine the extent of the problem • Isolate the area of release or fire and deny entry • For container exposed to fire evacuate the area in all directions because of the risk of BLEVE • Notify local health and fire officials and pollution control agencies • If material or contaminated runoff enters waterways, notify downstream users of potentially contaminated water	Operational Level Training Response: RELEASE, NO FIRE: • Stop the release if it can be done safely from a distance • Prevent material and runoff from entering sewers and waterways if it can be done safely well ahead of the release • Use large amounts of water to disperse vapors - contain runoff FIRE: • Consider the application of alcohol resistant (AFFF) foam to spilled liquid to control vapors • Specially trained personnel operating from a safe distance can fight fires using alcohol resistant (AFFF) foam or dry chemical if available in sufficient amounts or use fog streams to extinguish burning liquid or dilute to a nonflammable mixture. Keep exposures cool to protect against re-ignition. Do not direct straight streams into the liquid. • Cool exposed containers with large quantities of water from unattended equipment or remove intact containers if it can be done safely • If cooling streams are ineffective (venting sound increases in volume and pitch, tank discolors or shows any signs of deforming), withdraw immediately to a secure location
First Aid: • Do not put yourself in danger by entering a contaminated area to rescue a victim • Provide Basic Life Support/CPR as needed • Decontaminate the victim as follows: ♦ Inhalation - remove the victim to fresh air and give oxygen if available ♦ Skin - remove and isolate contaminated clothing (including shoes) and wash skin with soap and large volumes of water for 15 minutes ♦ Eye - rinse eyes with large volumes of water or saline for 15 minutes ♦ Swallowed - do not make the victim vomit • Seek medical attention • For skin burns decontaminate with water and apply a clean dry dressing	

CAS: 79-10-7

POTENTIAL HAZARDS

FIRE OR EXPLOSION

- Flammable/combustible material.
- May be ignited by heat, sparks or flames.
- Vapors may form explosive mixtures with air.
- Vapors may travel to source of ignition and flash back.
- Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).
- Vapor explosion hazard indoors, outdoors or in sewers.
- Those substances designated with a (P) may polymerize explosively when heated or involved in a fire.
- Runoff to sewer may create fire or explosion hazard.
- Containers may explode when heated.
- Many liquids are lighter than water.

HEALTH

- May cause toxic effects if inhaled or ingested/swallowed.
- Contact with substance may cause severe burns to skin and eyes.
- Fire will produce irritating, corrosive and/or toxic gases.
- Vapors may cause dizziness or suffocation.
- Runoff from fire control or dilution water may cause pollution.

PUBLIC SAFETY

- **CALL EMERGENCY RESPONSE Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.**
- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions.
- Keep unauthorized personnel away.
- Stay upwind.
- Keep out of low areas.
- Ventilate closed spaces before entering.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

EVACUATION

Spill

- See Table 1 - Initial Isolation and Protective Action Distances for highlighted materials. For non-highlighted materials, increase, in the downwind direction, as necessary, the isolation distance shown under "PUBLIC SAFETY".

Fire

- If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

EMERGENCY RESPONSE

FIRE

- Some of these materials may react violently with water.

Small Fire

- Dry chemical, CO₂, water spray or alcohol-resistant foam.

Large Fire

- Water spray, fog or alcohol-resistant foam.
- Move containers from fire area if you can do it without risk.
- Dike fire-control water for later disposal; do not scatter the material.
- Do not get water inside containers.

Fire Involving Tanks or Car/Trailer Loads

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Cool containers with flooding quantities of water until well after fire is out.
- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- ALWAYS stay away from tanks engulfed in fire.
- For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

SPILL OR LEAK

- Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire.
- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
- All equipment used when handling the product must be grounded.
- Do not touch or walk through spilled material.
- Stop leak if you can do it without risk.
- Prevent entry into waterways, sewers, basements or confined areas.
- A vapor suppressing foam may be used to reduce vapors.
- Absorb with earth, sand or other non-combustible material and transfer to containers (except for Hydrazine).
- Use clean non-sparking tools to collect absorbed material.

Large Spill

- Dike far ahead of liquid spill for later disposal.
- Water spray may reduce vapor, but may not prevent ignition in closed spaces.

FIRST AID

- Move victim to fresh air. • Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- **Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.**
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin.
- Keep victim warm and quiet.
- Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.



POTENTIAL HAZARDS

FIRE OR EXPLOSION

- These substances will accelerate burning when involved in a fire.
- Some may decompose explosively when heated or involved in a fire.
- May explode from heat or contamination.
- Some will react explosively with hydrocarbons (fuels).
- May ignite combustibles (wood, paper, oil, clothing, etc.).
- Containers may explode when heated.
- Runoff may create fire or explosion hazard.

HEALTH

- Inhalation, ingestion or contact (skin, eyes) with vapors or substance may cause severe injury, burns or death.
- Fire may produce irritating, corrosive and/or toxic gases.
- Runoff from fire control or dilution water may cause pollution.

PUBLIC SAFETY

- **CALL EMERGENCY RESPONSE** Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.
- As an immediate precautionary measure, isolate spill or leak area in all directions for at least 50 meters (150 feet) for liquids and at least 25 meters (75 feet) for solids.
- Keep unauthorized personnel away.
- Stay upwind.
- Keep out of low areas.
- Ventilate closed spaces before entering.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
- Structural firefighters' protective clothing will only provide limited protection.

EVACUATION

Large Spill

- Consider initial downwind evacuation for at least 100 meters (330 feet).

Fire

- If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

EMERGENCY RESPONSE

FIRE

Small Fire

- Use water. Do not use dry chemicals or foams. CO₂ or Halon® may provide limited control.

Large Fire

- Flood fire area with water from a distance.
- Do not move cargo or vehicle if cargo has been exposed to heat.
- Move containers from fire area if you can do it without risk.

Fire involving Tanks or Car/Trailer Loads

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Cool containers with flooding quantities of water until well after fire is out.
- ALWAYS stay away from tanks engulfed in fire.
- For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

SPILL OR LEAK

- Keep combustibles (wood, paper, oil, etc.) away from spilled material.
- Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
- Stop leak if you can do it without risk.
- Do not get water inside containers.

Small Dry Spill

- With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

Small Liquid Spill

- Use a non-combustible material like vermiculite or sand to soak up the product and place into a container for later disposal.

Large Spill

- Dike far ahead of liquid spill for later disposal.
- Following **product recovery, flush area with water.**

FIRST AID

- Move victim to fresh air.
- Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- Contaminated clothing may be a fire risk when dry.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- Keep victim warm and quiet.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.





AMMONIA

(ANHYDROUS)

UN 1005

Shipping Name: Ammonia, anhydrous

Other Names: AM-FOL

Refrigerant R717

Ammonia, anhydrous

Nitro-Sil

Anhydrous ammonia



WARNING! • POISON! BREATHING THE VAPORS OR SKIN CONTACT CAN KILL YOU!

- Fire fighting gear including SCBA does not provide adequate protection. If exposure to the chemical occurs, remove and isolate gear immediately and thoroughly decontaminate personnel.
- DO NOT ADD WATER TO LIQUID AMMONIA! WILL INCREASE EVAPORATION!

Hazards: • Contact with liquid may cause frostbite • Severely irritating to skin, eyes, nose, throat and lungs, may cause burns • May burn or explode in closed spaces (e.g., tanks, sewers, buildings) • Produces a toxic, visible or invisible gas cloud which may hug the ground when cool • Containers may BLEVE or explode when exposed to fire • Corrosive to metals	Description: • May be shipped or stored as a compressed gas or cryogenic liquid • Strong, pungent odor • Soluble in water • Flammable • Gas is lighter than air but may hug the ground when cool
Awareness and Operational Level Training Response: • Do not put yourself in danger by entering a contaminated area to rescue a victim • Stay upwind and uphill • Determine the extent of the problem • Isolate the area of release or fire and deny entry • Evacuate or shelter in place the immediate area and downwind for a large release • For containers exposed to fire evacuate the area in all directions because of the risk of BLEVE or explosion • Notify local health and fire officials and pollution control agencies • If material or contaminated runoff enters waterways, notify downstream users of potentially contaminated water	Operational Level Training Response: RELEASE, NO FIRE: • Stop the release if you can do it safely from a distance • DO NOT PUT WATER ON LIQUID AMMONIA • Prevent material and runoff from entering sewers and waterways if it can be done safely well ahead of the release • Use large amounts of water well away from the release to disperse vapors - contain runoff • Ventilate confined area if it can be done without placing personnel at risk FIRE: • Material does not easily burn; fight surrounding fire with an agent appropriate for the burning material • If material is not leaking, cool exposed containers with large quantities of water from unattended equipment or remove intact containers if it can be done safely • If cooling streams are ineffective (venting sound increases in volume and pitch, tank discolors or shows any signs of deforming), withdraw immediately to a secure location

First Aid:

- Do not put yourself in danger by entering a contaminated area to rescue a victim
- Provide Basic Life Support/CPR as needed
- Decontaminate the victim as follows:
 - ♦ Inhalation - remove the victim to fresh air and give oxygen if available
 - ♦ Skin - remove and isolate contaminated clothing (including shoes) and wash skin with soap and large volumes of water for 15 minutes
 - ♦ Eye - rinse eyes with large volumes of water or saline for 15 minutes
 - ♦ Swallowed - do not make the victim vomit
 - ♦ Seek medical attention
- Frostbite - warm injured area in very warm water
- Toxic effects may be delayed
- For skin burns decontaminate with water and apply a clean dry dressing

CAS: 7664-41-7

GUIDE 125

GASES - CORROSIVE

ERG2012

POTENTIAL HAZARDS

HEALTH

- **TOXIC; may be fatal if inhaled, ingested or absorbed through skin.**
- Vapors are extremely irritating and corrosive.
- Contact with gas or liquefied gas may cause burns, severe injury and/or frostbite.
- Fire will produce irritating, corrosive and/or toxic gases.
- Runoff from fire control may cause pollution.

FIRE OR EXPLOSION

- Some may burn but none ignite readily.
- Vapors from liquefied gas are initially heavier than air and spread along ground.
- Some of these materials may react violently with water.
- Cylinders exposed to fire may vent and release toxic and/or corrosive gas through pressure relief devices.
- Containers may explode when heated.
- Ruptured cylinders may rocket.

PUBLIC SAFETY

- **CALL EMERGENCY RESPONSE Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.**
- As an immediate precautionary measure, isolate spill or leak area for at least 100 meters (330 feet) in all directions.
- Keep unauthorized personnel away.
- Stay upwind.
- Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks).
- Keep out of low areas.
- Ventilate closed spaces before entering.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

EVACUATION

Spill

- See Table 1 - Initial Isolation and Protective Action Distances for highlighted materials. For non-highlighted materials, increase, in the downwind direction, as necessary, the isolation distance shown under "PUBLIC SAFETY".

Fire

- If tank, rail car or tank truck is involved in a fire, ISOLATE for 1600 meters (1 mile) in all directions; also, consider initial evacuation for 1600 meters (1 mile) in all directions.

EMERGENCY RESPONSE

FIRE**Small Fire**

- Dry chemical or CO₂.

Large Fire

- Water spray, fog or regular foam.
- Move containers from fire area if you can do it without risk.
- Do not get water inside containers.
- Damaged cylinders should be handled only by specialists.

Fire involving Tanks

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Cool containers with flooding quantities of water until well after fire is out.
- Do not direct water at source of leak or safety devices; icing may occur.
- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- ALWAYS stay away from tanks engulfed in fire.

SPILL OR LEAK

- Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire.
- Do not touch or walk through spilled material.
- Stop leak if you can do it without risk.
- If possible, turn leaking containers so that gas escapes rather than liquid.
- Prevent entry into waterways, sewers, basements or confined areas.
- Do not direct water at spill or source of leak.
- Use water spray to reduce vapors or divert vapor cloud drift. Avoid allowing water runoff to contact spilled material.
- Isolate area until gas has dispersed.

FIRST AID

- Move victim to fresh air.
- Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- **Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.**
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with liquefied gas, thaw frosted parts with lukewarm water.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- **In case of contact with Hydrogen fluoride, anhydrous (UN1052),** flush skin and eyes with water for 5 minutes; then, for skin exposures rub on a calcium/gel combination; for eyes flush with a water/calcium solution for 15 minutes.
- Keep victim warm and quiet.
- Keep victim under observation.
- Effects of contact or inhalation may be delayed.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.



CHLORINE

UN 1017

Shipping Name: Chlorine
Other Names: Liquid chlorine



WARNING! • POISON! BREATHING THE GAS CAN KILL YOU!

- Firefighting gear (including SCBA) provides NO protection. If exposure occurs, remove and isolate gear immediately and thoroughly decontaminate personnel
- **STRONG OXIDIZER! WILL INCREASE THE INTENSITY OF A FIRE! MAY CAUSE FIRE UPON CONTACT WITH COMBUSTIBLES!**

Hazards: • Severely irritating to skin, eyes, nose and lungs; skin and eye contact causes severe burns and blindness • Gas is heavier than air and will collect and stay in low areas • Container may explode when exposed to fire • Reacts with water to form toxic hypochlorous acid • Contact with liquid may cause frostbite • Corrosive to some rubbers and plastics	Description: • Greenish-yellow gas • Shipped as a pressurized liquefied gas • Pungent bleach-like odor • Reacts with water to form toxic hypochlorous acid and is slightly soluble in water • Nonflammable but may cause combustibles to ignite • Gas is heavier than air and will collect and stay in low areas
Awareness and Operational Level Training Response: • Do not put yourself in danger by entering a contaminated area to rescue a victim • Stay upwind and uphill • Determine the extent of the problem • BACK OFF! - Isolate a wide area around the release or fire, deny entry and call for expert help • For container exposed to fire, evacuate the area in all directions because of the risk of explosion • Evacuate or shelter in place the immediate area and downwind for a large release • Notify local health and fire officials and pollution control agencies • If contaminated runoff enters waterways, notify downstream users of potentially contaminated water	Operational Level Training Response: RELEASE, NO FIRE: • Stop the release if it can be done safely from a distance • Use large amounts of water well away from the release to disperse gas - contain runoff • Ventilate confined area if it can be done without placing personnel at risk • If in a building, evacuate building and confine vapors by closing doors and shutting down HVAC systems FIRE: • Material does not burn; fight surrounding fire with an agent appropriate for the burning material • If material is not leaking, cool exposed containers with large quantities of water from unattended equipment or remove intact containers if it can be done safely • If cooling streams are ineffective (venting sound increases in volume and pitch, tank discolors or shows any signs of deforming), withdraw immediately to a secure location

First Aid:

- **Do not put yourself in danger by entering a contaminated area to rescue a victim**
- Provide Basic Life Support/CPR as needed
- Decontaminate the victim as follows:
 - ♦ Inhalation - remove the victim to fresh air and give oxygen if available
 - ♦ Skin - remove and isolate contaminated clothing (including shoes) and wash skin with soap and large volumes of water for 15 minutes
 - ♦ Eye - rinse eyes with large volumes of water or saline for 15 minutes
- Seek medical attention
- Frostbite - warm injured area in very warm water
- Toxic effects may be delayed
- For skin burns decontaminate with water and apply a clean dry dressing

CAS: 7782-50-5

POTENTIAL HAZARDS

HEALTH

- **TOXIC; may be fatal if inhaled or absorbed through skin.**
- Fire will produce irritating, corrosive and/or toxic gases.
- Contact with gas or liquefied gas may cause burns, severe injury and/or frostbite.
- Runoff from fire control may cause pollution.

FIRE OR EXPLOSION

- Substance does not burn but will support combustion.
- Vapors from liquefied gas are initially heavier than air and spread along ground.
- These are strong oxidizers and will react vigorously or explosively with many materials including fuels.
- May ignite combustibles (wood, paper, oil, clothing, etc.).
- Some will react violently with air, moist air and/or water.
- Cylinders exposed to fire may vent and release toxic and/or corrosive gas through pressure relief devices.
- Containers may explode when heated.
- Ruptured cylinders may rocket.

PUBLIC SAFETY

- **CALL EMERGENCY RESPONSE Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.**
- As an immediate precautionary measure, isolate spill or leak area for at least 100 meters (330 feet) in all directions.
- Keep unauthorized personnel away.
- Stay upwind.
- Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks).
- Keep out of low areas.
- Ventilate closed spaces before entering.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

EVACUATION

Spill

- See Table 1 - Initial Isolation and Protective Action Distances.

Fire

- If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

EMERGENCY RESPONSE

FIRE

Small Fire

CAUTION: These materials do not burn but will support combustion. Some will react violently with water.

- Contain fire and let burn. If fire must be fought, water spray or fog is recommended.
- **Water only; no dry chemical, CO₂ or Halon®.**
- Do not get water inside containers.
- Move containers from fire area if you can do it without risk.
- Damaged cylinders should be handled only by specialists.

Fire Involving Tanks

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Cool containers with flooding quantities of water until well after fire is out.
- Do not direct water at source of leak or safety devices; icing may occur.
- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- ALWAYS stay away from tanks engulfed in fire.
- For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

SPILL OR LEAK

- Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire.
- Do not touch or walk through spilled material.
- Keep combustibles (wood, paper, oil, etc.) away from spilled material.
- Stop leak if you can do it without risk.
- Use water spray to reduce vapors or divert vapor cloud drift. Avoid allowing water runoff to contact spilled material.
- Do not direct water at spill or source of leak.
- If possible, turn leaking containers so that gas escapes rather than liquid.
- Prevent entry into waterways, sewers, basements or confined areas.
- Isolate area until gas has dispersed.
- Ventilate the area.

FIRST AID

- Move victim to fresh air.
- Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- **Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.**
- Administer oxygen if breathing is difficult.
- Clothing frozen to the skin should be thawed before being removed.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- Keep victim warm and quiet.
- Keep victim under observation.
- Effects of contact or inhalation may be delayed.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.



POTENTIAL HAZARDS

FIRE OR EXPLOSION

- **HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames.**
- Vapors may form explosive mixtures with air.
- Vapors may travel to source of ignition and flash back.
- Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).
- Vapor explosion hazard indoors, outdoors or in sewers.
- Those substances designated with a (P) may polymerize explosively when heated or involved in a fire.
- Runoff to sewer may create fire or explosion hazard.
- Containers may explode when heated.
- Many liquids are lighter than water.
- Substance may be transported hot.
- For UN3166, if Lithium ion batteries are involved, also consult GUIDE 147.
- **If molten aluminum is involved, refer to GUIDE 169.**

HEALTH

- Inhalation or contact with material may irritate or burn skin and eyes.
- Fire may produce irritating, corrosive and/or toxic gases.
- Vapors may cause dizziness or suffocation.
- Runoff from fire control or dilution water may cause pollution.

PUBLIC SAFETY

- **CALL EMERGENCY RESPONSE Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.**
- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions.
- Keep unauthorized personnel away.
- Stay upwind.
- Keep out of low areas.
- Ventilate closed spaces before entering.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Structural firefighters' protective clothing will only provide limited protection.

EVACUATION

Large Spill

- Consider initial downwind evacuation for at least 300 meters (1000 feet).

Fire

- If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

EMERGENCY RESPONSE

FIRE

CAUTION: All these products have a very low flash point: Use of water spray when fighting fire may be inefficient.

CAUTION: For mixtures containing alcohol or polar solvent, alcohol-resistant foam may be more effective.

Small Fire

- Dry chemical, CO₂, water spray or regular foam.

Large Fire

- Water spray, fog or regular foam.
- **Do not use straight streams.**
- Move containers from fire area if you can do it without risk.

Fire involving Tanks or Car/Trailer Loads

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Cool containers with flooding quantities of water until well after fire is out.
- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- **ALWAYS** stay away from tanks engulfed in fire.
- For massive fire, use unmanned hose holder/s or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

SPILL OR LEAK

- **ELIMINATE** all ignition sources (no smoking, flares, sparks or flames in immediate area).
- All equipment used when handling the product must be grounded.
- Do not touch or walk through spilled material.
- Stop leak if you can do it without risk.
- Prevent entry into waterways, sewers, basements or confined areas.
- A vapor suppressing foam may be used to reduce vapors.
- Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
- Use clean non-sparking tools to collect absorbed material.

Large Spill

- Dike far ahead of liquid spill for later disposal.
- Water spray may reduce vapor, but may not prevent ignition in closed spaces.

FIRST AID

- Move victim to fresh air.
- Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- Wash skin with soap and water.
- In case of burns, immediately cool affected skin for as long as possible with cold water.
- Do not remove clothing if adhering to skin.
- Keep victim warm and quiet.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.





ETHYLENE OXIDE

UN 1040

Other Names:

Dihydrooxirene
Dimethylene oxide
1,2-Epoxyethane
Epoxyethane
Ethenoxide

Ethyloxiide

Oxane

Oxidoethane

Oxirane

Oxycyclopropane



WARNING! • **EXTREMELY FLAMMABLE!**

• **MAY REACT WITH ITSELF WITHOUT WARNING WITH EXPLOSIVE VIOLENCE!**

Hazards: • Very irritating to skin, eyes, nose and lungs; prolonged contact with skin can cause burns • Fire fighting gear (including SCBA) does not provide adequate protection. If exposure occurs, remove and isolate gear immediately and thoroughly decontaminate personnel • Container may explode when exposed to fire • Gas is heavier than air and will collect and stay in low areas • Gas may travel long distances to ignition sources and flashback • Gas in confined areas (e.g., tanks, sewers, buildings) may explode when exposed to fire • Contact with liquid may cause frostbite	Description: • Colorless gas • Sweet ether-like odor • Soluble in water • Extremely flammable • Gas is heavier than air and will collect and stay in low areas • Shipped and stored as a liquefied gas • Becomes a liquid below 51° F
Awareness and Operational Level Training Response: • Stay upwind and uphill • Determine the extent of the problem • Isolate the area of release or fire and deny entry • Remove all ignition sources • For container exposed to fire evacuate the area in all directions because of the risk of explosion • Evacuate the immediate area and downwind for a large release • Notify local health and fire officials and pollution control agencies • If material or contaminated runoff enters waterways, notify downstream users of potentially contaminated water	Operational Level Training Response: RELEASE, NO FIRE: • Stop the release if it can be done safely from a distance • Use large amounts of water well away from the material to disperse gas - contain runoff • Ventilate confined area if it can be done without placing personnel at risk FIRE: • Do not extinguish the fire unless the flow of the gas can be stopped and any remaining gas is out of the line. Specially trained personnel may use fog lines to cool exposures and let the fire burn itself out • Cool exposed containers with large quantities of water from unattended equipment or remove intact containers if it can be done safely • If cylinders are exposed to excessive heat from fire or flame contact, withdraw immediately to a secure location

First Aid:

- **Do not put yourself in danger by entering a contaminated area to rescue a victim**
- Provide Basic Life Support/CPR as needed
- Decontaminate the victim as follows:
 - ♦ Inhalation - remove the victim to fresh air and give oxygen if available
 - ♦ Skin - remove and isolate contaminated clothing (including shoes) and wash skin with soap and large volumes of water for 15 minutes
 - ♦ Eye - rinse eyes with large volumes of water or saline for 15 minutes
 - ♦ Swallowed - do not make the victim vomit
- Seek medical attention
- Frostbite - warm injured area in very warm water
- For skin burns decontaminate with water and apply a clean dry dressing

CAS: 75-21-8

GUIDE 119

GASES - TOXIC - FLAMMABLE

ERG2012

POTENTIAL HAZARDS

HEALTH

- **TOXIC; may be fatal if inhaled or absorbed through skin.**
- Contact with gas or liquefied gas may cause burns, severe injury and/or frostbite.
- Fire will produce irritating, corrosive and/or toxic gases.
- Runoff from fire control may cause pollution.

FIRE OR EXPLOSION

- Flammable; may be ignited by heat, sparks or flames.
- May form explosive mixtures with air.
- Those substances designated with a (P) may polymerize explosively when heated or involved in a fire.
- Vapors from liquefied gas are initially heavier than air and spread along ground.
- Vapors may travel to source of ignition and flash back.
- Some of these materials may react violently with water.
- Cylinders exposed to fire may vent and release toxic and flammable gas through pressure relief devices.
- Containers may explode when heated.
- Ruptured cylinders may rocket.
- Runoff may create fire or explosion hazard.

PUBLIC SAFETY

- **CALL EMERGENCY RESPONSE Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.**
- As an immediate precautionary measure, isolate spill or leak area for at least 100 meters (330 feet) in all directions.
- Keep unauthorized personnel away.
- Stay upwind.
- Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks).
- Keep out of low areas.
- Ventilate closed spaces before entering.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

EVACUATION

Spill

- See Table 1 - Initial Isolation and Protective Action Distances for highlighted materials. For non-highlighted materials, increase, in the downwind direction, as necessary, the isolation distance shown under "PUBLIC SAFETY".

Fire

- If tank, rail car or tank truck is involved in a fire, ISOLATE for 1600 meters (1 mile) in all directions; also, consider initial evacuation for 1600 meters (1 mile) in all directions.

EMERGENCY RESPONSE

FIRE

- **DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.**

Small Fire

- Dry chemical, CO₂, water spray or alcohol-resistant foam.

Large Fire

- Water spray, fog or alcohol-resistant foam.
- **FOR CHLOROSILANES, DO NOT USE WATER;** use AFFF alcohol-resistant medium expansion foam.
- Move containers from fire area if you can do it without risk.
- Damaged cylinders should be handled only by specialists.

Fire involving Tanks

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Cool containers with flooding quantities of water until well after fire is out.
- Do not direct water at source of leak or safety devices; icing may occur.
- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- **ALWAYS** stay away from tanks engulfed in fire.

SPILL OR LEAK

- **ELIMINATE** all ignition sources (no smoking, flares, sparks or flames in immediate area).
- All equipment used when handling the product must be grounded.
- Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire.
- Do not touch or walk through spilled material.
- Stop leak if you can do it without risk.
- Do not direct water at spill or source of leak.
- Use water spray to reduce vapors or divert vapor cloud drift. Avoid allowing water runoff to contact spilled material.
- **FOR CHLOROSILANES,** use AFFF alcohol-resistant medium expansion foam to reduce vapors.
- If possible, turn leaking containers so that gas escapes rather than liquid.
- Prevent entry into waterways, sewers, basements or confined areas.
- Isolate area until gas has dispersed.

FIRST AID

- Move victim to fresh air. • Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- **Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.**
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- In case of contact with liquefied gas, thaw frosted parts with lukewarm water.
- In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin.
- Keep victim warm and quiet.
- Keep victim under observation.
- Effects of contact or inhalation may be delayed.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.



GUIDE 128

FLAMMABLE LIQUIDS
(NON-POLAR/WATER-IMMISCIBLE)

ERG2012

POTENTIAL HAZARDS

FIRE OR EXPLOSION

- **HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames.**
- Vapors may form explosive mixtures with air.
- Vapors may travel to source of ignition and flash back.
- Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).
- Vapor explosion hazard indoors, outdoors or in sewers.
- Those substances designated with a (P) may polymerize explosively when heated or involved in a fire.
- Runoff to sewer may create fire or explosion hazard.
- Containers may explode when heated.
- Many liquids are lighter than water.
- Substance may be transported hot.
- For UN3166, if Lithium ion batteries are involved, also consult GUIDE 147.
- **If molten aluminum is involved, refer to GUIDE 169.**

HEALTH

- Inhalation or contact with material may irritate or burn skin and eyes.
- Fire may produce irritating, corrosive and/or toxic gases.
- Vapors may cause dizziness or suffocation.
- Runoff from fire control or dilution water may cause pollution.

PUBLIC SAFETY

- **CALL EMERGENCY RESPONSE Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.**
- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions.
- Keep unauthorized personnel away.
- Stay upwind.
- Keep out of low areas.
- Ventilate closed spaces before entering.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Structural firefighters' protective clothing will only provide limited protection.

EVACUATION

Large Spill

- Consider initial downwind evacuation for at least 300 meters (1000 feet).

Fire

- If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

EMERGENCY RESPONSE

FIRE

CAUTION: All these products have a very low flash point: Use of water spray when fighting fire may be inefficient.

CAUTION: For mixtures containing alcohol or polar solvent, alcohol-resistant foam may be more effective.

Small Fire

- Dry chemical, CO₂, water spray or regular foam.

Large Fire

- Water spray, fog or regular foam.
- **Do not use straight streams.**
- Move containers from fire area if you can do it without risk.

Fire Involving Tanks or Car/Trailer Loads

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Cool containers with flooding quantities of water until well after fire is out.
- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- **ALWAYS** stay away from tanks engulfed in fire.
- For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

SPILL OR LEAK

- **ELIMINATE** all ignition sources (no smoking, flares, sparks or flames in immediate area).
- All equipment used when handling the product must be grounded.
- Do not touch or walk through spilled material.
- Stop leak if you can do it without risk.
- Prevent entry into waterways, sewers, basements or confined areas.
- A vapor suppressing foam may be used to reduce vapors.
- Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
- Use clean non-sparking tools to collect absorbed material.

Large Spill

- Dike far ahead of liquid spill for later disposal.
- Water spray may reduce vapor; but may not prevent ignition in closed spaces.

FIRST AID

- Move victim to fresh air.
- Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- Wash skin with soap and water.
- In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin.
- Keep victim warm and quiet.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.



METHANOL

UN 1230

Shipping Name: Methyl alcohol
Other Names: Carbiniol

Methyl hydroxide
Methylol
Wood alcohol



Hazards:

- Highly flammable, burns with invisible flame
- Containers may BLEVE when exposed to fire
- Vapors are heavier than air and will collect and stay in low areas
- Vapors may travel long distances to ignition sources and flashback
- Vapors in confined areas (e.g., tanks, sewers, buildings) may explode when exposed to fire
- Irritating to skin and eyes

Description:

- Colorless liquid
- Sweet alcohol odor
- Soluble in water
- Highly flammable
- Vapors are heavier than air and will collect and stay in low areas
- Produces large amounts of vapor

Awareness and Operational Level Training Response:

- Stay upwind and uphill
- Determine the extent of the problem
- Isolate the area of release or fire and deny entry
- Remove all ignition sources
- For container exposed to fire evacuate the area in all directions because of the risk of BLEVE
- Evacuate the immediate area and downwind for a large release
- Notify local health and fire officials and pollution control agencies
- If material or contaminated runoff enters waterways, notify downstream users of potentially contaminated water

Operational Level Training Response:

- RELEASE, NO FIRE:
- Stop the release if it can be done safely from a distance
 - Prevent material and runoff from entering sewers and waterways if it can be done safely well ahead of the release
 - Use large amounts of water to disperse vapors - contain runoff
 - Consider the application of alcohol resistant (AFFF) foam to spilled liquid to control vapors
 - Ventilate confined area if it can be done without placing personnel at risk
- FIRE:

- Specially trained personnel operating from a safe distance can fight fires using alcohol resistant (AFFF) foam or dry chemical if available in sufficient amounts. Under favorable conditions, experienced crews can use coordinated fog streams to sweep the flames off the surface of the burning liquid. Keep exposures cool to protect against re-ignition. Do not direct straight streams into the liquid.
- Cool exposed containers with large quantities of water from unattended equipment or remove intact containers if it can be done safely
- If cooling streams are ineffective (venting sound increases in volume and pitch, tank discolors or shows any signs of deforming), withdraw immediately to a secure location

First Aid:

- Provide Basic Life Support/CPR as needed
- Decontaminate the victim as follows:
 - ♦ Inhalation - remove the victim to fresh air and give oxygen if available
 - ♦ Skin - remove and isolate contaminated clothing (including shoes) and wash skin with soap and large volumes of water for 15 minutes
 - ♦ Eye - rinse eyes with large volumes of water or saline for 15 minutes
 - ♦ Swallowed - do not make the victim vomit
- Seek medical attention
- Toxic effects may be delayed
- For skin burns decontaminate with water and apply a clean dry dressing

CAS: 67-56-1

POTENTIAL HAZARDS

FIRE OR EXPLOSION

- Flammable/combustible material.
- May be ignited by heat, sparks or flames.
- Vapors may form explosive mixtures with air.
- Vapors may travel to source of ignition and flash back.
- Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).
- Vapor explosion hazard indoors, outdoors or in sewers.
- Those substances designated with a (P) may polymerize explosively when heated or involved in a fire.
- Runoff to sewer may create fire or explosion hazard.
- Containers may explode when heated.
- Many liquids are lighter than water.

HEALTH

- May cause toxic effects if inhaled or ingested/swallowed.
- Contact with substance may cause severe burns to skin and eyes.
- Fire will produce irritating, corrosive and/or toxic gases.
- Vapors may cause dizziness or suffocation.
- Runoff from fire control or dilution water may cause pollution.

PUBLIC SAFETY

- **CALL EMERGENCY RESPONSE Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.**
- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions.
- Keep unauthorized personnel away.
- Stay upwind.
- Keep out of low areas.
- Ventilate closed spaces before entering.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

EVACUATION

Spill

- See Table 1 - Initial Isolation and Protective Action Distances for highlighted materials. For non-highlighted materials, increase, in the downwind direction, as necessary, the isolation distance shown under "PUBLIC SAFETY".

Fire

- If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

EMERGENCY RESPONSE

FIRE

- Some of these materials may react violently with water.

Small Fire

- Dry chemical, CO₂, water spray or alcohol-resistant foam.

Large Fire

- Water spray, fog or alcohol-resistant foam.
- Move containers from fire area if you can do it without risk.
- Dike fire-control water for later disposal; do not scatter the material.
- Do not get water inside containers.

Fire involving Tanks or Car/Trailer Loads

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Cool containers with flooding quantities of water until well after fire is out.
- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- ALWAYS stay away from tanks engulfed in fire.
- For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

SPILL OR LEAK

- Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire.
- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
- All equipment used when handling the product must be grounded.
- Do not touch or walk through spilled material.
- Stop leak if you can do it without risk.
- Prevent entry into waterways, sewers, basements or confined areas.
- A vapor suppressing foam may be used to reduce vapors.
- Absorb with earth, sand or other non-combustible material and transfer to containers (except for Hydrazine).
- Use clean non-sparking tools to collect absorbed material.

Large Spill

- Dike far ahead of liquid spill for later disposal.
- Water spray may reduce vapor, but may not prevent ignition in closed spaces.

FIRST AID

- Move victim to fresh air. • Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- **Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.**
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin.
- Keep victim warm and quiet.
- Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.



POTENTIAL HAZARDS

HEALTH

- **TOXIC:** inhalation, ingestion or skin contact with material may cause severe injury or death.
- Contact with molten substance may cause severe burns to skin and eyes.
- Avoid any skin contact.
- Effects of contact or inhalation may be delayed.
- Fire may produce irritating, corrosive and/or toxic gases.
- Runoff from fire control or dilution water may be corrosive and/or toxic and cause pollution.

FIRE OR EXPLOSION

- Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.
- Some are oxidizers and may ignite combustibles (wood, paper, oil, clothing, etc.).
- Contact with metals may evolve flammable hydrogen gas.
- Containers may explode when heated.
- For UN3171, if Lithium ion batteries are involved, also consult GUIDE 147.

PUBLIC SAFETY

- **CALL EMERGENCY RESPONSE Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.**
- As an immediate precautionary measure, isolate spill or leak area in all directions for at least 50 meters (150 feet) for liquids and at least 25 meters (75 feet) for solids.
- Keep unauthorized personnel away.
- Stay upwind.
- Keep out of low areas.
- Ventilate enclosed areas.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

EVACUATION

Spill

- See Table 1 - Initial Isolation and Protective Action Distances for highlighted materials. For non-highlighted materials, increase, in the downwind direction, as necessary, the isolation distance shown under "PUBLIC SAFETY".

Fire

- If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

EMERGENCY RESPONSE

FIRE

Small Fire

- Dry chemical, CO₂ or water spray.

Large Fire

- Dry chemical, CO₂, alcohol-resistant foam or water spray.
- Move containers from fire area if you can do it without risk.
- Dike fire-control water for later disposal; do not scatter the material.

Fire involving Tanks or Car/Trailer Loads

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Do not get water inside containers.
- Cool containers with flooding quantities of water until well after fire is out.
- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- ALWAYS stay away from tanks engulfed in fire.

SPILL OR LEAK

- **ELIMINATE** all ignition sources (no smoking, flares, sparks or flames in immediate area).
- Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
- Stop leak if you can do it without risk.
- Prevent entry into waterways, sewers, basements or confined areas.
- Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
- **DO NOT GET WATER INSIDE CONTAINERS.**

FIRST AID

- Move victim to fresh air.
- Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- **Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.**
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- For minor skin contact, avoid spreading material on unaffected skin.
- Keep victim warm and quiet.
- Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.



PROPANE

UN 1978

Shipping Name: Propane or Propane mixture

Other Names: Dimethylmethane



WARNING! • EXTREMELY FLAMMABLE!

Hazards:

- Container may explode or BLEVE when exposed to fire
- Gas is heavier than air and will collect and stay in low areas
- Gas may travel long distances to ignition sources and flashback
- Gas in confined areas (e.g., tanks, sewers, buildings) may explode when exposed to fire
- Exposure to the liquid may cause frostbite

Awareness and Operational Level Training

Response:

- Stay upwind and uphill
- Determine the extent of the problem
- Isolate the area of release or fire and deny entry
- Remove all ignition sources
- For container exposed to fire evacuate the area in all directions because of the risk of BLEVE or explosion
- Evacuate the immediate area and downwind for a large release
- Notify local health and fire officials and pollution control agencies

Description:

- Colorless gas
- Faint petroleum-like odor
- Shipped and stored as a liquefied gas under its own pressure
- Liquid floats on the surface of water and boils; is insoluble in water
- Extremely flammable
- Gas is heavier than air and will collect and stay in low areas

Operational Level Training Response:

RELEASE, NO FIRE:

- Stop the release if it can be done safely from a distance
- Use large amounts of water to disperse gas - contain runoff

- Ventilate confined area if it can be done without placing personnel at risk

FIRE:

- Do not extinguish the fire unless the flow of the gas can be stopped and any remaining gas is out of the line. Specially trained personnel may use fog lines to cool exposures and let the fire burn itself out
- Cool exposed containers with large quantities of water from unattended equipment or remove intact containers if it can be done safely
- If cooling streams are ineffective (venting sound increases in volume and pitch, tank discolors or shows any signs of deforming), withdraw immediately to a secure location

First Aid:

- Provide Basic Life Support/CPR as needed

- Decontaminate the victim as follows:

- ♦ Inhalation - remove the victim to fresh air and give oxygen if available
- ♦ Skin - remove and isolate contaminated clothing (including shoes) and wash skin with soap and large volumes of water for 15 minutes
- ♦ Eye - rinse eyes with large volumes of water or saline for 15 minutes
- ♦ Swallowed - do not make the victim vomit
- Seek medical attention
- Frostbite - warm injured area in very warm water
- For skin burns decontaminate with water and apply a clean dry dressing

CAS: 74-98-6

GUIDE 115

GASES - FLAMMABLE
(INCLUDING REFRIGERATED LIQUIDS)

ERG2012

POTENTIAL HAZARDS

FIRE OR EXPLOSION

• EXTREMELY FLAMMABLE.

- Will be easily ignited by heat, sparks or flames.
- Will form explosive mixtures with air.
- Vapors from liquefied gas are initially heavier than air and spread along ground.

CAUTION: Hydrogen (UN1049), Deuterium (UN1957), Hydrogen, refrigerated liquid (UN1966) and Methane (UN1971) are lighter than air and will rise. Hydrogen and Deuterium fires are difficult to detect since they burn with an invisible flame. Use an alternate method of detection (thermal camera, broom handle, etc.)

- Vapors may travel to source of ignition and flash back.
- Cylinders exposed to fire may vent and release flammable gas through pressure relief devices.
- Containers may explode when heated.
- Ruptured cylinders may rocket.

HEALTH

- Vapors may cause dizziness or asphyxiation without warning.
- Some may be irritating if inhaled at high concentrations.
- Contact with gas or liquefied gas may cause burns, severe injury and/or frostbite.
- Fire may produce irritating and/or toxic gases.

PUBLIC SAFETY

- **CALL EMERGENCY RESPONSE** Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.
- As an immediate precautionary measure, isolate spill or leak area for at least 100 meters (330 feet) in all directions.
- Keep unauthorized personnel away.
- Stay upwind.
- Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks).
- Keep out of low areas.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Structural firefighters' protective clothing will only provide limited protection.
- Always wear thermal protective clothing when handling refrigerated/cryogenic liquids.

EVACUATION

Large Spill

- Consider initial downwind evacuation for at least 800 meters (1/2 mile).

Fire

- If tank, rail car or tank truck is involved in a fire, ISOLATE for 1600 meters (1 mile) in all directions; also, consider initial evacuation for 1500 meters (1 mile) in all directions.

EMERGENCY RESPONSE**FIRE**

- **DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.**

CAUTION: Hydrogen (UN1049), Deuterium (UN1957) and Hydrogen, refrigerated liquid (UN1966) burn with an invisible flame. Hydrogen and Methane mixture, compressed (UN2034) may burn with an invisible flame.

Small Fire

- Dry chemical or CO₂.

Large Fire

- Water spray or fog.
- Move containers from fire area if you can do it without risk.

Fire involving Tanks

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Cool containers with flooding quantities of water until well after fire is out.
- Do not direct water at source of leak or safety devices; icing may occur.
- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- ALWAYS stay away from tanks engulfed in fire.
- For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

SPILL OR LEAK

- **ELIMINATE** all ignition sources (no smoking, flares, sparks or flames in immediate area).
- All equipment used when handling the product must be grounded.
- Do not touch or walk through spilled material.
- Stop leak if you can do it without risk.
- If possible, turn leaking containers so that gas escapes rather than liquid.
- Use water spray to reduce vapors or divert vapor cloud drift. Avoid allowing water runoff to contact spilled material.
- Do not direct water at spill or source of leak.
- Prevent spreading of vapors through sewers, ventilation systems and confined areas.
- Isolate area until gas has dispersed.

CAUTION: When in contact with refrigerated/cryogenic liquids, many materials become brittle and are likely to break without warning.

FIRST AID

- Move victim to fresh air.
- Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- Clothing frozen to the skin should be thawed before being removed.
- In case of contact with liquefied gas, thaw frosted parts with lukewarm water.
- In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin.
- Keep victim warm and quiet.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.





SODIUM HYDROXIDE

UN 1823 (Dry solid)
UN 1824 (Solution)

Shipping Name: UN 1823 Sodium hydroxide, solid

UN 1824 Sodium hydroxide, solution

Other Names:

Soda lye

Caustic soda

Sodium hydrate

Caustic soda, solution

White caustic



WARNING! • CORROSIVE! SKIN AND EYE CONTACT WILL CAUSE BURNS AND BLINDNESS!

• Firefighting gear (including SCBA) does not provide adequate protection. If exposure occurs, remove and isolate gear immediately and thoroughly decontaminate personnel

Hazards:	Description:
• Reacts with water or moisture to produce large amounts of heat and may splatter • Reacts with some metals to produce highly flammable hydrogen gas	• White solid or clear to milky solution in water • No odor • Soluble in water producing large amounts of heat • Nonflammable
Awareness and Operational Level Training Response:	Operational Level Training Response:
Response: • Stay upwind and uphill • Determine the extent of the problem • Isolate the area of release or fire and deny entry • Notify local health and fire officials and pollution control agencies • If material or contaminated runoff enters waterways, notify downstream users of potentially contaminated water	Operational Level Training Response: RELEASE, NO FIRE: • Cover solid material to protect from wind, rain or spray • Stop the release of liquid material if it can be done safely from a distance • Prevent material and runoff from entering sewers and waterways if it can be done safely well ahead of the release FIRE: • Material does not burn; fight surrounding fire with an agent appropriate for the burning material • Cool exposed containers with large quantities of water from unattended equipment or remove intact containers if it can be done safely • If cooling streams are ineffective (venting sound increases in volume and pitch, tank discolors or shows any signs of deforming), withdraw immediately to a secure location

First Aid:

- **Do not put yourself in danger by entering a contaminated area to rescue a victim**
- Provide Basic Life Support/CPR as needed
- Decontaminate the victim as follows:
 - ♦ Inhalation - remove the victim to fresh air and give oxygen if available
 - ♦ Skin - remove and isolate contaminated clothing (including shoes) and wash skin with soap and large volumes of water for 15 minutes
 - ♦ Eye - rinse eyes with large volumes of water or saline for 60 minutes and seek medical evaluation
 - ♦ Swallowed - do not make the victim vomit
- Seek medical attention
- For skin burns decontaminate with water and apply a clean dry dressing

CAS: 1310-73-2

POTENTIAL HAZARDS

HEALTH

- **TOXIC**; inhalation, ingestion or skin contact with material may cause severe injury or death.
- Contact with molten substance may cause severe burns to skin and eyes.
- Avoid any skin contact.
- Effects of contact or inhalation may be delayed.
- Fire may produce irritating, corrosive and/or toxic gases.
- Runoff from fire control or dilution water may be corrosive and/or toxic and cause pollution.

FIRE OR EXPLOSION

- Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.
- Some are oxidizers and may ignite combustibles (wood, paper, oil, clothing, etc.).
- Contact with metals may evolve flammable hydrogen gas.
- Containers may explode when heated.
- For UN3171, if Lithium ion batteries are involved, also consult GUIDE 147.

PUBLIC SAFETY

- **CALL EMERGENCY RESPONSE Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.**
- As an immediate precautionary measure, isolate spill or leak area in all directions for at least 50 meters (150 feet) for liquids and at least 25 meters (75 feet) for solids.
- Keep unauthorized personnel away.
- Stay upwind.
- Keep out of low areas.
- Ventilate enclosed areas.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

EVACUATION

Spill

- See Table 1 - Initial Isolation and Protective Action Distances for highlighted materials. For non-highlighted materials, increase, in the downwind direction, as necessary, the isolation distance shown under "PUBLIC SAFETY".

Fire

- If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

EMERGENCY RESPONSE

FIRE

Small Fire

- Dry chemical, CO₂ or water spray.

Large Fire

- Dry chemical, CO₂, alcohol-resistant foam or water spray.
- Move containers from fire area if you can do it without risk.
- Dike fire-control water for later disposal; do not scatter the material.

Fire involving Tanks or Car/Trailer Loads

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Do not get water inside containers.
- Cool containers with flooding quantities of water until well after fire is out.
- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- ALWAYS stay away from tanks engulfed in fire.

SPILL OR LEAK

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
- Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
- Stop leak if you can do it without risk.
- Prevent entry into waterways, sewers, basements or confined areas.
- Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
- DO NOT GET WATER INSIDE CONTAINERS.

FIRST AID

- Move victim to fresh air.
- Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- **Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.**
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- For minor skin contact, avoid spreading material on unaffected skin.
- Keep victim warm and quiet.
- Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.



SULFURIC ACID

UN 1830 (More than 51%)

Shipping Name: Sulfuric acid

Other Names: Hydrogen sulfate

Oil of Vitrol



WARNING! • POISON! BREATHING THE VAPORS OR SWALLOWING THE MATERIAL CAN KILL YOU! SKIN AND EYE CONTACT CAUSES SEVERE BURNS AND BLINDNESS!
• Firefighting gear (including SCBA) does not provide adequate protection. If exposure occurs, remove and isolate gear immediately and thoroughly decontaminate personnel
• REACTS VIOLENTLY WITH WATER!

Hazards:

- Vapors are heavier than air and will collect and stay in low areas
- Container may BLEVE when exposed to fire
- Contact with most metals produces flammable and potentially explosive hydrogen gas
- Decomposition products upon heating include toxic sulfur oxides
- Reacts violently with many organic materials including wood and paper

Awareness and Operational Level Training

Response:

- Do not put yourself in danger by entering a contaminated area to rescue a victim
- Stay upwind and uphill
- Determine the extent of the problem
- Isolate the area of release or fire and deny entry
- For container exposed to fire evacuate the area in all directions because of the risk of BLEVE
- Evacuate or shelter in place the immediate area and downwind for a large release
- Notify local health and fire officials and pollution control agencies
- If material or contaminated runoff enters waterways, notify downstream users of potentially contaminated water

Description:

- Colorless to dark brown thick liquid
- No odor unless heated, then has a choking odor
- Reacts violently with water producing sulfuric acid and is soluble in water
- Nonflammable
- Vapors are heavier than air and will collect and stay in low areas
- Freezes at 50° F

Operational Level Training Response:

RELEASE, NO FIRE:

- Stop the release if it can be done safely from a distance
- Prevent material and runoff from entering sewers and waterways if it can be done safely well ahead of the release
- Use large amounts of water well away from the material to disperse vapors - contain runoff
- Ventilate confined area if it can be done without placing personnel at risk

FIRE:

- Material does not burn; fight surrounding fire with an agent appropriate for the burning material; if possible, do not allow water to come in contact with the material. If material is involved in a fire, use dry chemical to extinguish; if water must be used, use it in flooding quantities
- If material is not leaking, cool exposed containers with large quantities of water from unattended equipment or remove intact containers if it can be done safely
- If cooling streams are ineffective (unvented container distorts, bulges or shows any other signs of expanding), withdraw immediately to a secure location

First Aid:

- Do not put yourself in danger by entering a contaminated area to rescue a victim
- Provide Basic Life Support/CPR as needed
- Decontaminate the victim as follows:
 - ♦ Inhalation - remove the victim to fresh air and give oxygen if available
 - ♦ Skin - remove and isolate contaminated clothing (including shoes) and wash skin with soap and large volumes of water for 15 minutes
 - ♦ Eye - rinse eyes with large volumes of water or saline for 60 minutes and seek medical attention
 - ♦ Swallowed - do not make the victim vomit
- Seek medical attention
- Toxic effects may be delayed
- For skin burns decontaminate with water and apply a clean dry dressing

CAS: 7664-93-9

GUIDE 137

SUBSTANCES - WATER-REACTIVE - CORROSIVE

ERG2012

POTENTIAL HAZARDS

HEALTH

- CORROSIVE and/or TOXIC; inhalation, ingestion or contact (skin, eyes) with vapors, dusts or substance may cause severe injury, burns or death.
- Fire will produce irritating, corrosive and/or toxic gases.
- Reaction with water may generate much heat that will increase the concentration of fumes in the air.
- Contact with molten substance may cause severe burns to skin and eyes.
- Runoff from fire control or dilution water may cause pollution.

FIRE OR EXPLOSION

- EXCEPT FOR ACETIC ANHYDRIDE (UN1715), THAT IS FLAMMABLE, some of these materials may burn, but none ignite readily.
- May ignite combustibles (wood, paper, oil, clothing, etc.).
- Substance will react with water (some violently), releasing corrosive and/or toxic gases and runoff.
- Flammable/toxic gases may accumulate in confined areas (basement, tanks, hopper/tank cars, etc.).
- Contact with metals may evolve flammable hydrogen gas.
- Containers may explode when heated or if contaminated with water.
- Substance may be transported in a molten form.

PUBLIC SAFETY

- CALL EMERGENCY RESPONSE Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.
- As an immediate precautionary measure, isolate spill or leak area in all directions for at least 50 meters (150 feet) for liquids and at least 25 meters (75 feet) for solids.
- Keep unauthorized personnel away.
- Stay upwind.
- Keep out of low areas.
- Ventilate enclosed areas.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

EVACUATION

Spill

- See Table 1 - Initial Isolation and Protective Action Distances for highlighted materials. For non-highlighted materials, increase, in the downwind direction, as necessary, the isolation distance shown under "PUBLIC SAFETY".

Fire

- If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

EMERGENCY RESPONSE

FIRE

- When material is not involved in fire, do not use water on material itself.

Small Fire

- Dry chemical or CO₂.
- Move containers from fire area if you can do it without risk.

Large Fire

- Flood fire area with large quantities of water, while knocking down vapors with water fog. If insufficient water supply: knock down vapors only.

Fire involving Tanks or Car/Trailer Loads

- Cool containers with flooding quantities of water until well after fire is out.
- Do not get water inside containers.
- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- ALWAYS stay away from tanks engulfed in fire.

SPILL OR LEAK

- Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire.
- Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
- Stop leak if you can do it without risk.
- Use water spray to reduce vapors; do not put water directly on leak, spill area or inside container.
- Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Small Spill

- Cover with DRY earth, DRY sand or other non-combustible material followed with plastic sheet to minimize spreading or contact with rain.
- Use clean non-sparking tools to collect material and place it into loosely covered plastic containers for later disposal.
- Prevent entry into waterways, sewers, basements or confined areas.

FIRST AID

- Move victim to fresh air.
- Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- **Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.**
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- For minor skin contact, avoid spreading material on unaffected skin.
- Removal of solidified molten material from skin requires medical assistance.
- Keep victim warm and quiet.
- Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.



SECTION 5: RELEASE SCENARIOS

Release scenarios have been developed for the areas identified as having a potential for experiencing a small or large release. The First Isolate In All Directions distances and the Downwind Protection Distances have been identified using the 2012 Emergency Response Guidebook (ERG). These distances are based on a Large Release during the day and are designed to identify the primary area of impact.

The 2012 Emergency Response Guidebook (ERG) Initial Isolation and Protective Action Distances suggest distances useful to protect people from vapors resulting from releases involving dangerous goods that are considered toxic by inhalation (TIH).

The Initial Isolation Zone defines an area SURROUNDING the incident in which persons may be exposed to dangerous (upwind) and life threatening (downwind) concentrations of material. The Protective Action Zone defines an area DOWNWIND from the incident in which persons may become incapacitated and unable to take protective action and/or incur serious or irreversible health effects. The 2012 ERG Table 1 (Green Section) provides specific guidance for small and large releases occurring day or night.

Adjusting distances for a specific incident involves many interdependent variables and should be made only by personnel technically qualified to make such adjustments. For this reason, no precise guidance can be provided in this document to aid in adjusting the table distances; however, general guidance follows.

Initial isolation and protective action distances in the 2012 ERG are derived from historical data on transportation incidents and the use of statistical models. For worst-case scenarios involving the instantaneous release of the entire contents of a package (e.g., as a result of terrorism, sabotage or catastrophic accident) the distances may increase substantially. For such events, doubling of the initial isolation and protective action distances is appropriate in absence of other information.

If more than one tank car containing TIH materials involved in the incident is leaking, LARGE RELEASE distances may need to be increased.

For materials with protective action distances, the actual distance can be larger in certain atmospheric conditions. If the dangerous goods vapor plume is channeled in a valley or between many tall buildings, distances may be larger than shown in the 2012 ERG Table 1 (Green Section) due to less mixing of the plume with the atmosphere. Daytime releases in regions with known strong inversions or snow cover, or occurring near sunset, may require an increase of the protective action distance because airborne contaminants mix and disperse more slowly and may travel much farther downwind. In such cases, the nighttime protective action distance may be more appropriate. In addition, protective action distances may be larger for liquid releases when either the material or outdoor temperature exceeds 30°C (86°F).

Not all materials listed in this plan have both Initial Isolation and Downwind Protection distances. TIH substances will have both but non TIH substances will only have Initial Isolation

distances. The colored highlighted areas in the following figures are the overall area that may be partially or wholly impacted. During an actual response, the Forrest County EMA personnel will identify which portion of the colored highlighted area of the affected rail yard would actually be protected or isolated. It is likely that the entire area would NOT be protected or isolated. The areas identified are larger than the 2012 ERG recommends based on the fact that the rail yards cover a large geographical area and the release could come from anywhere on that property.

5.1 Norfolk Southern – Dragon Siding

Release scenarios have been developed for the areas identified as having a potential for experiencing a small or large release. The release scenarios are oriented towards typical operations and the release risk potential created by such.

The specific release scenarios for the most frequent hazardous commodity that may be present at this facility is listed in the table below and illustrated in the following figures.

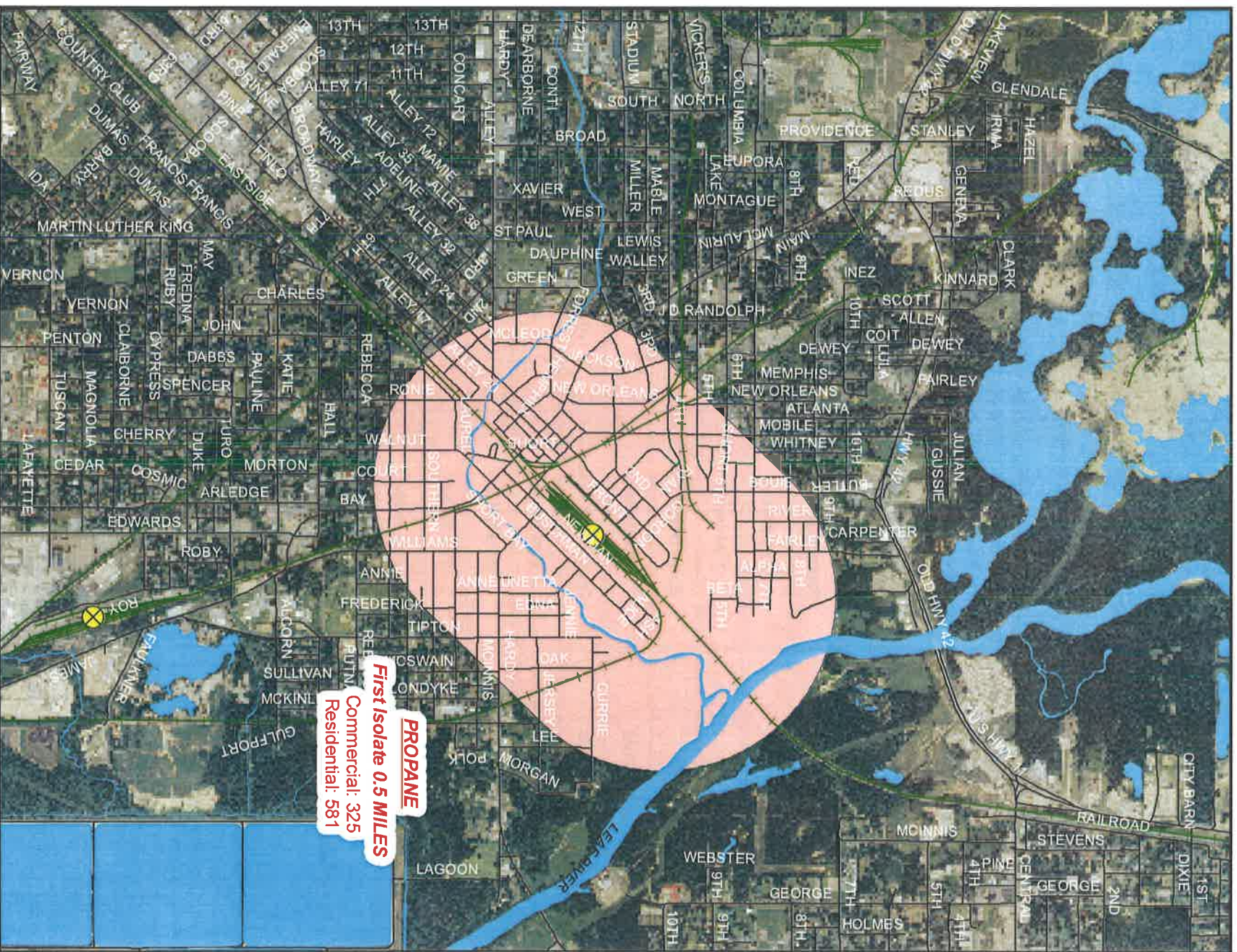
TABLE 5.1 COMMODITY RELEASE SCENARIOS			
Commodity	Protection Action	Distance	Figure No.
Propane/LPG	First Isolate	0.5 miles	5.1

5.2 Norfolk Southern

Release scenarios have been developed for the areas identified as having a potential for experiencing a small or large release. The release scenarios are oriented towards typical operations and the release risk potential created by such.

Specific release scenarios for the most frequent hazardous commodities that may be present at this facility are listed in the table below and illustrated in the following figures.

TABLE 5.2 COMMODITY RELEASE SCENARIOS			
Commodity	Protection Action	Distance	Figure No.
Propane/LPG	First Isolate	0.5 miles	5.2
Chlorine	First Isolate	1500 ft	5.3
Chlorine	Down-Wind Protect	1.9 miles	5.4
Ethylene Oxide	First Isolate	500 ft	5.5
Ethylene Oxide	Down-Wind Protect	0.5 miles	5.6
Sodium Hydroxide, Solution	First Isolate	150 ft	5.7
Acrylic Acid, Stabilized	First Isolate	150 ft	5.8
Phosphoric Acid	First Isolate	150 ft	5.9
Sulfuric Acid	First Isolate	150 ft	5.10
Methanol	First Isolate	150 ft	5.11

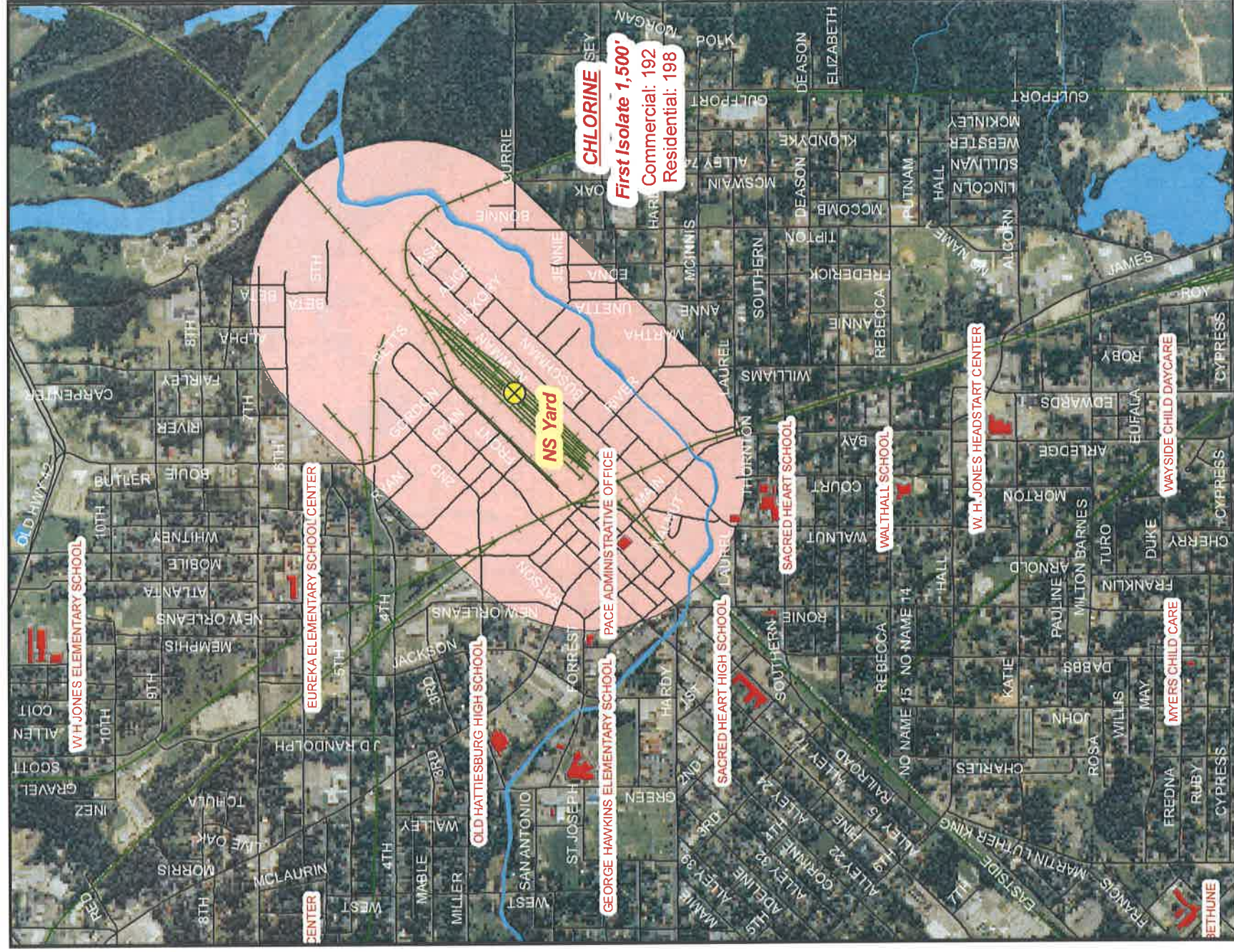


0 0.125 0.25 0.5 Miles



NS
PROANE
FIRST ISOLATE 0.5 MILES

Figure 5.2



0 0.125 0.25 0.5 Miles

**NS
CHLORINE
FIRST ISOLATE 1,500'**

Figure 5.3

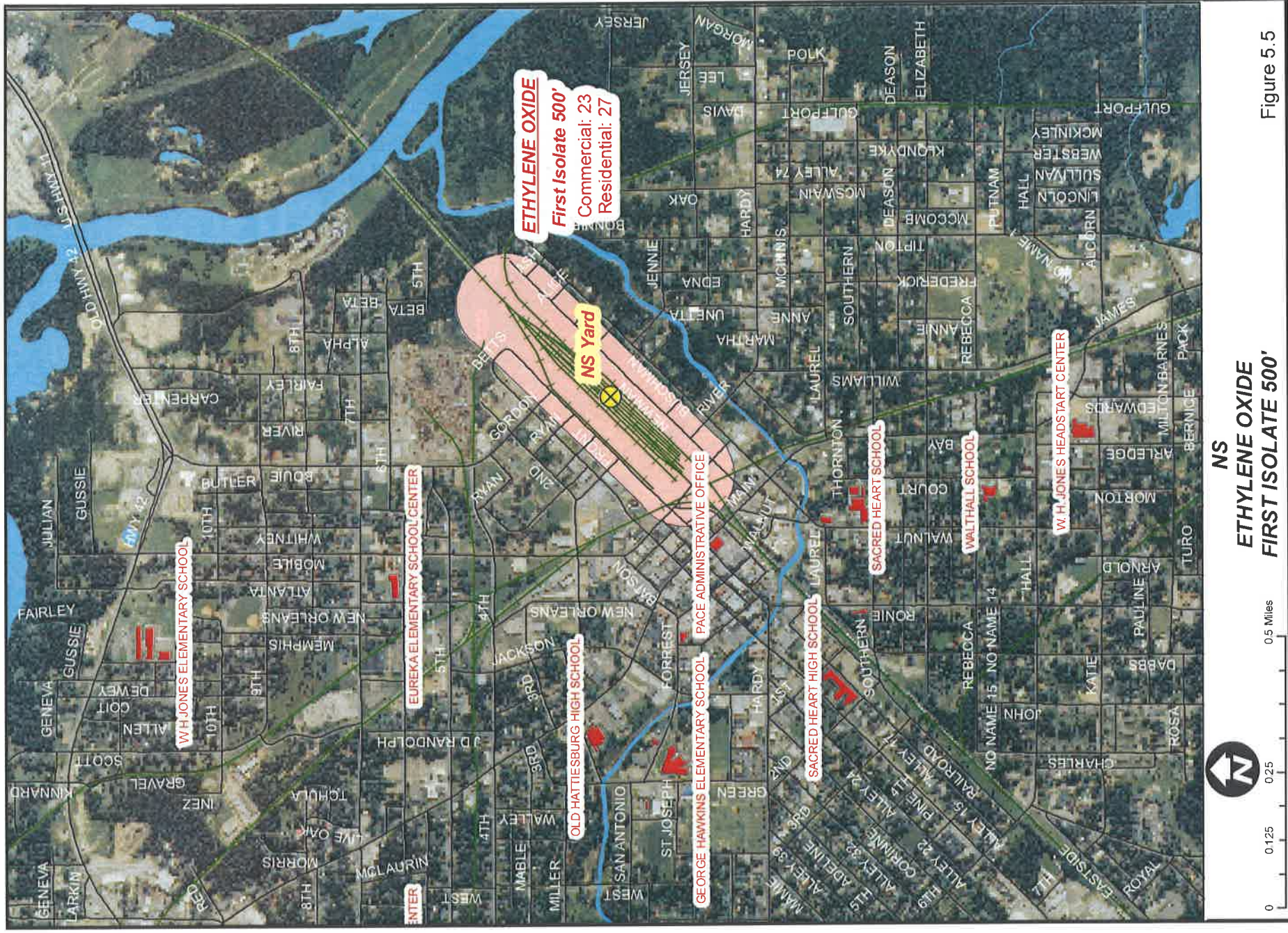
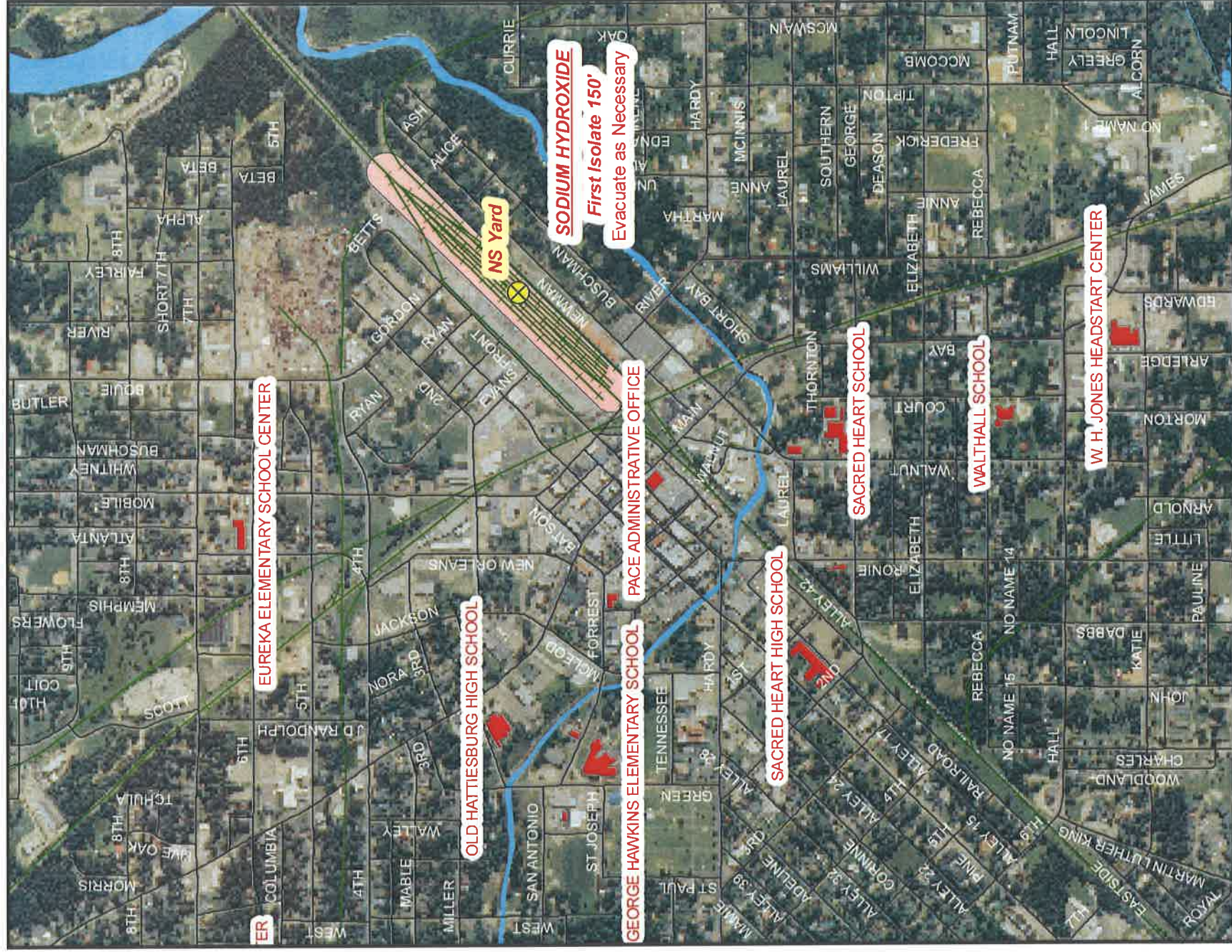


Figure 5.5



NS
ETHYLENE OXIDE
DOWNWIND PROTECT 0.5 MILES

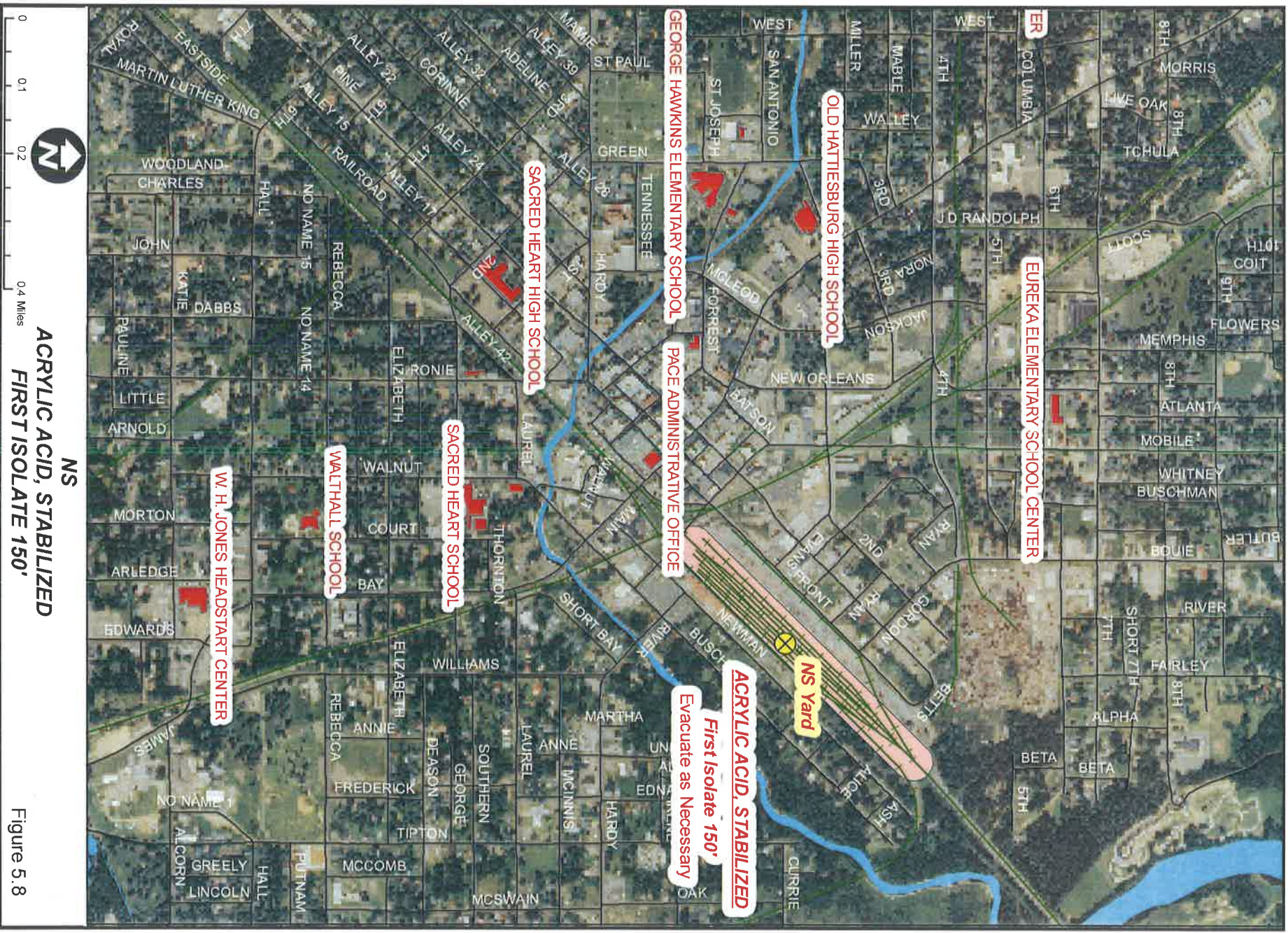


NS
SODIUM HYDROXIDE
FIRST ISOLATE 150'



0 0.1 0.2 0.4 Miles

Figure 5.7



NS
ACRYLIC ACID, STABILIZED
FIRST ISOLATE 150'

Figure 5.8

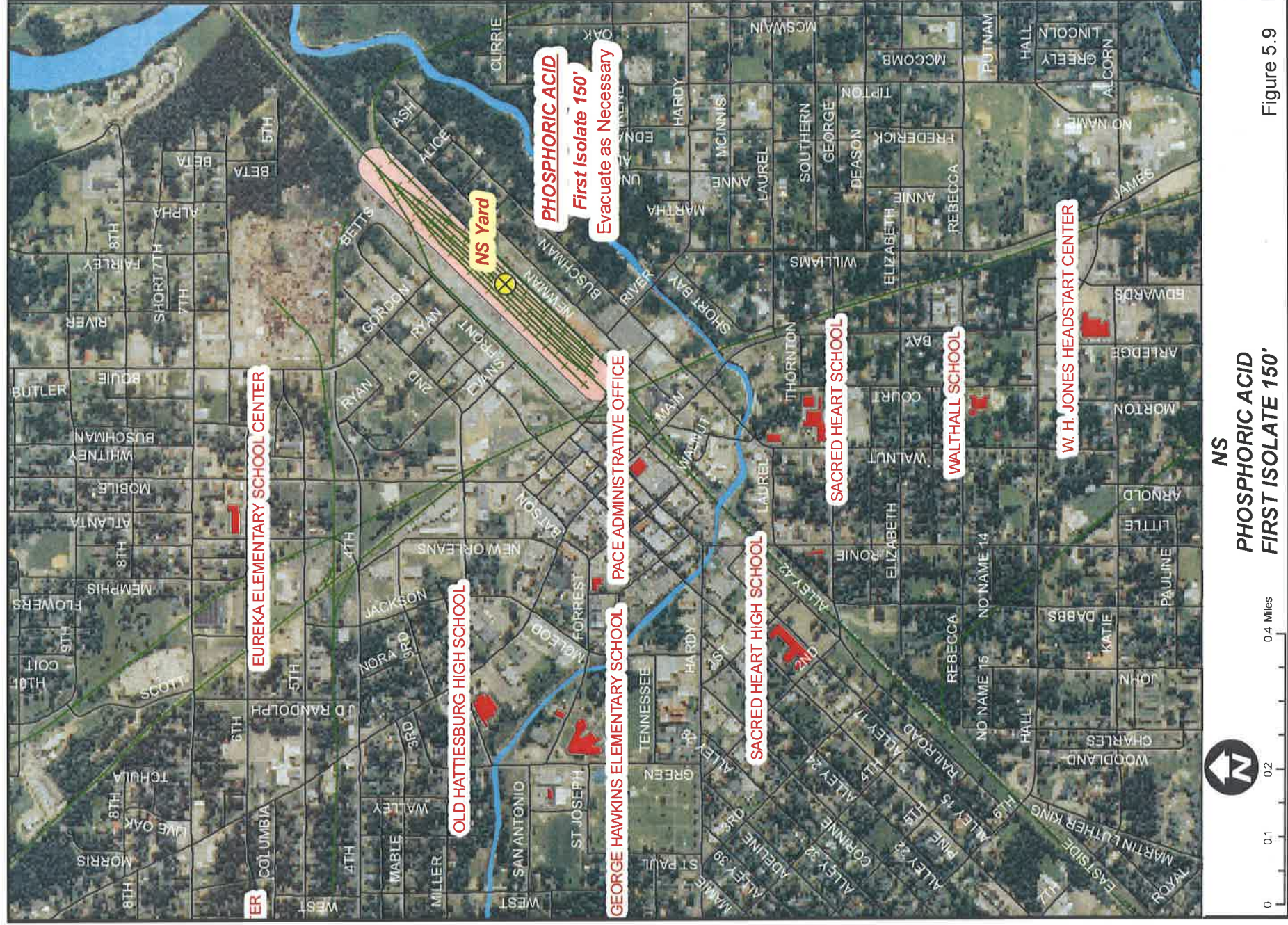
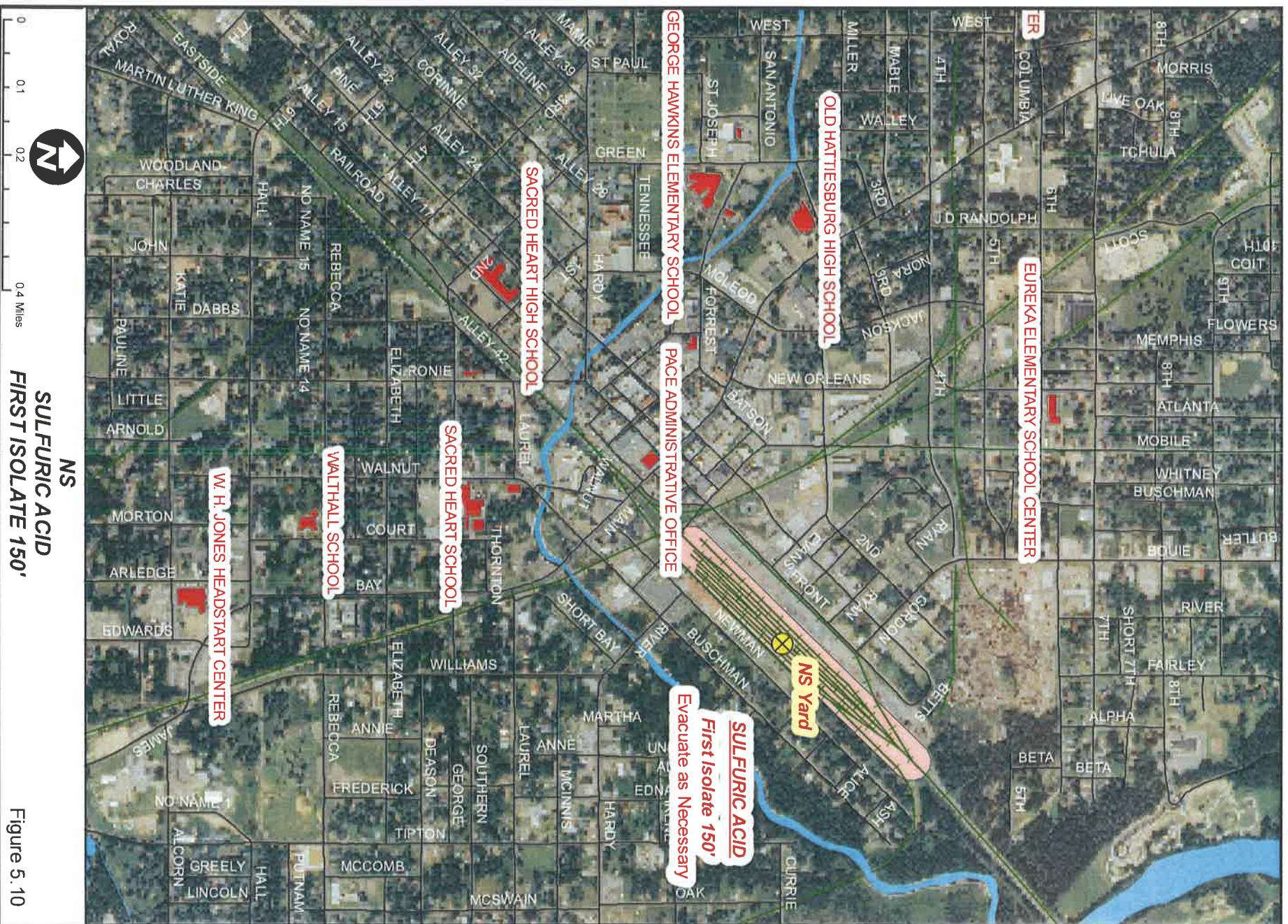


Figure 5.9



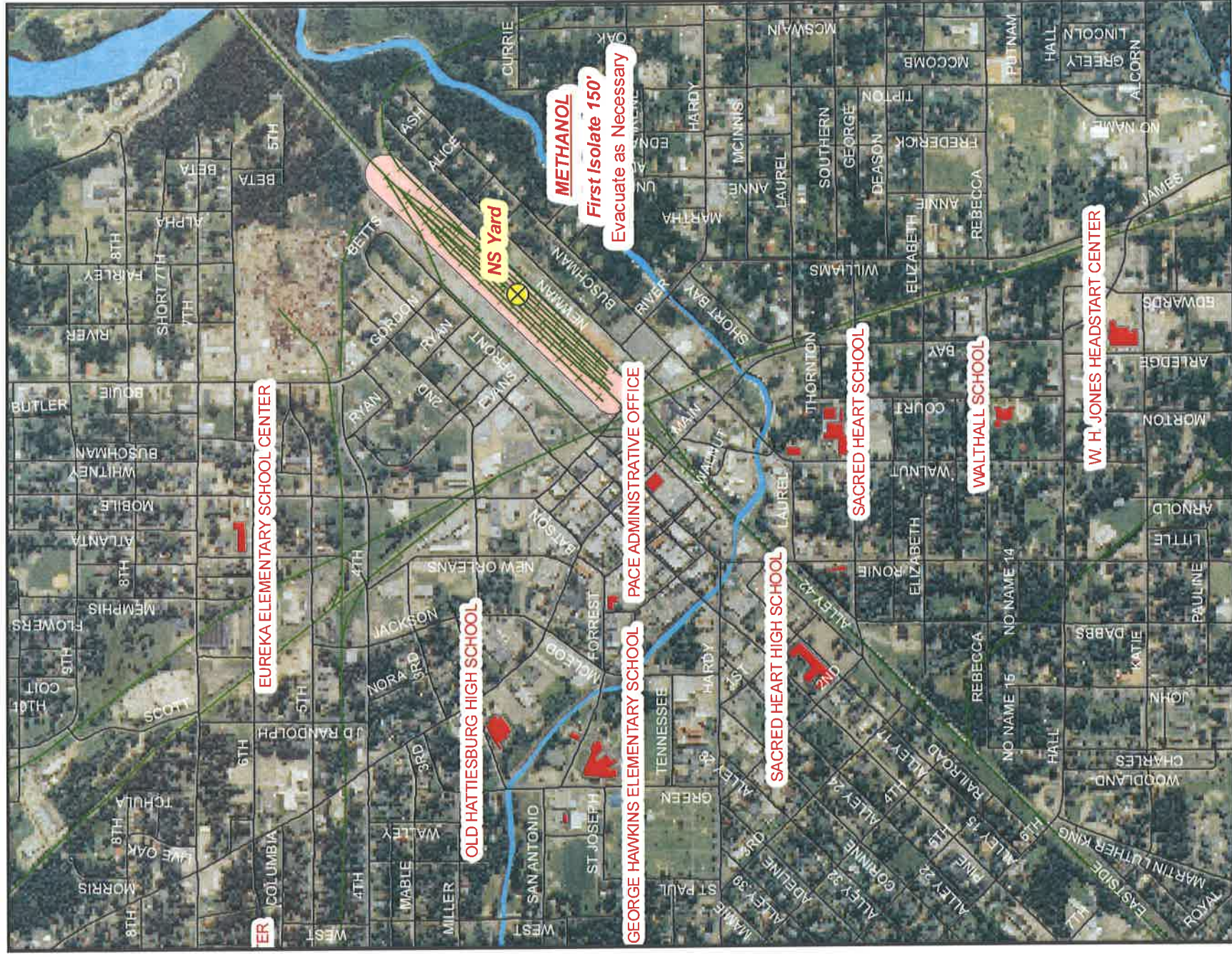


Figure 5.11

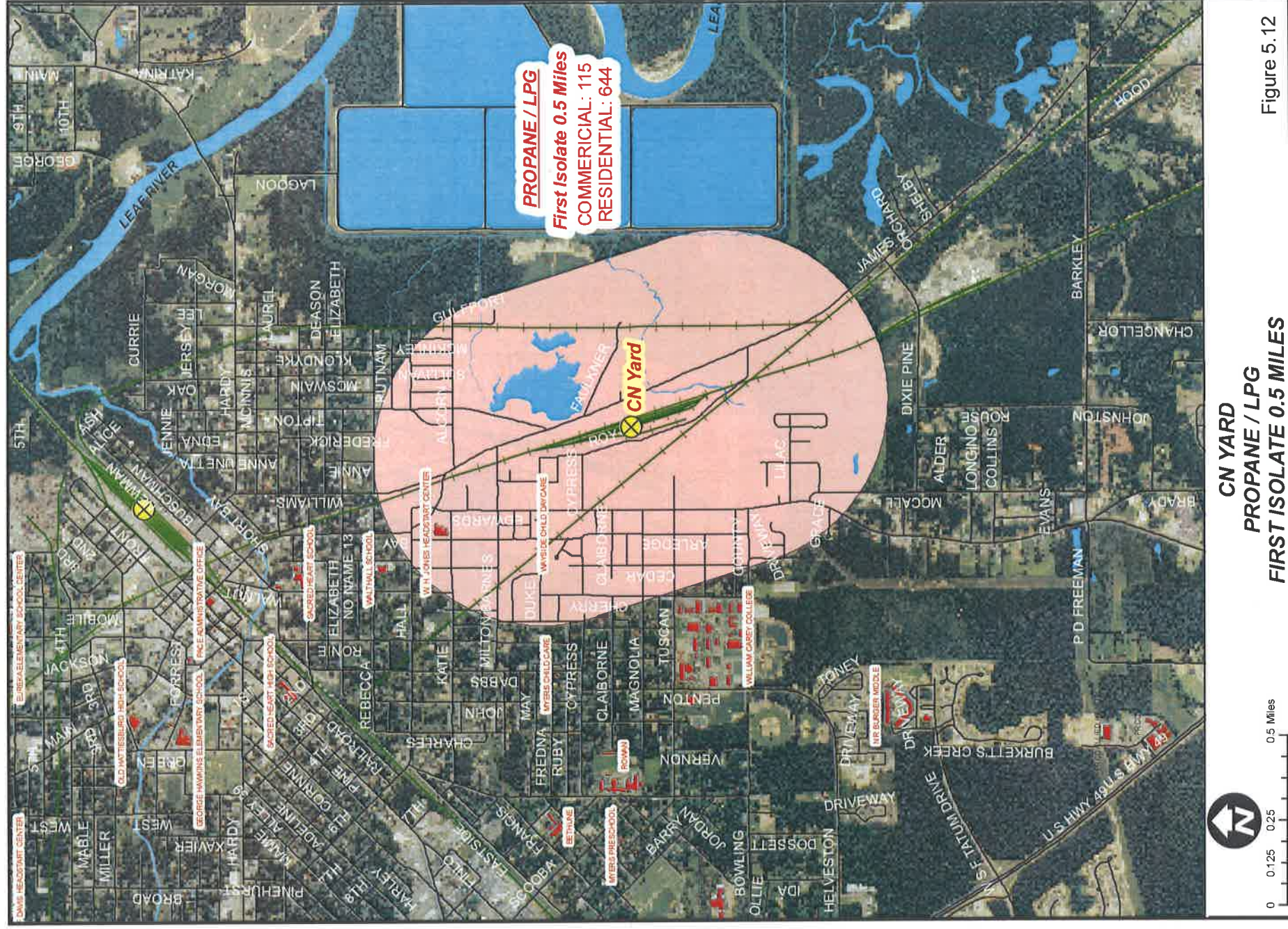
5.3 Canadian National

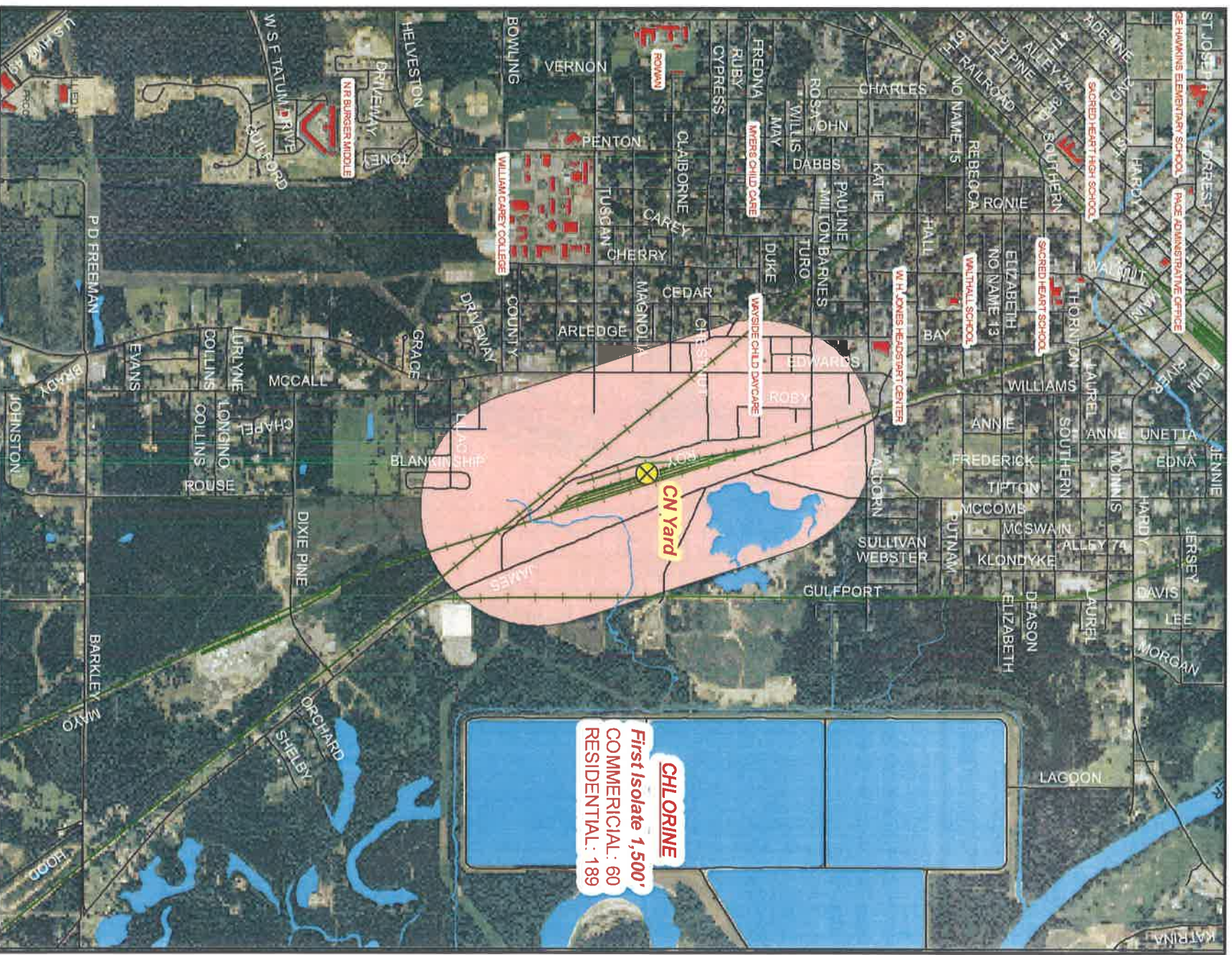
Release scenarios have been developed for the areas identified as having a potential for experiencing a small or large release. The release scenarios are oriented towards typical operations and the release risk potential created by such.

Specific release scenarios for the most frequent hazardous commodities that may be present at this facility are listed in the table below and illustrated in the following figures.

TABLE 5.3
COMMODITY RELEASE SCENARIOS

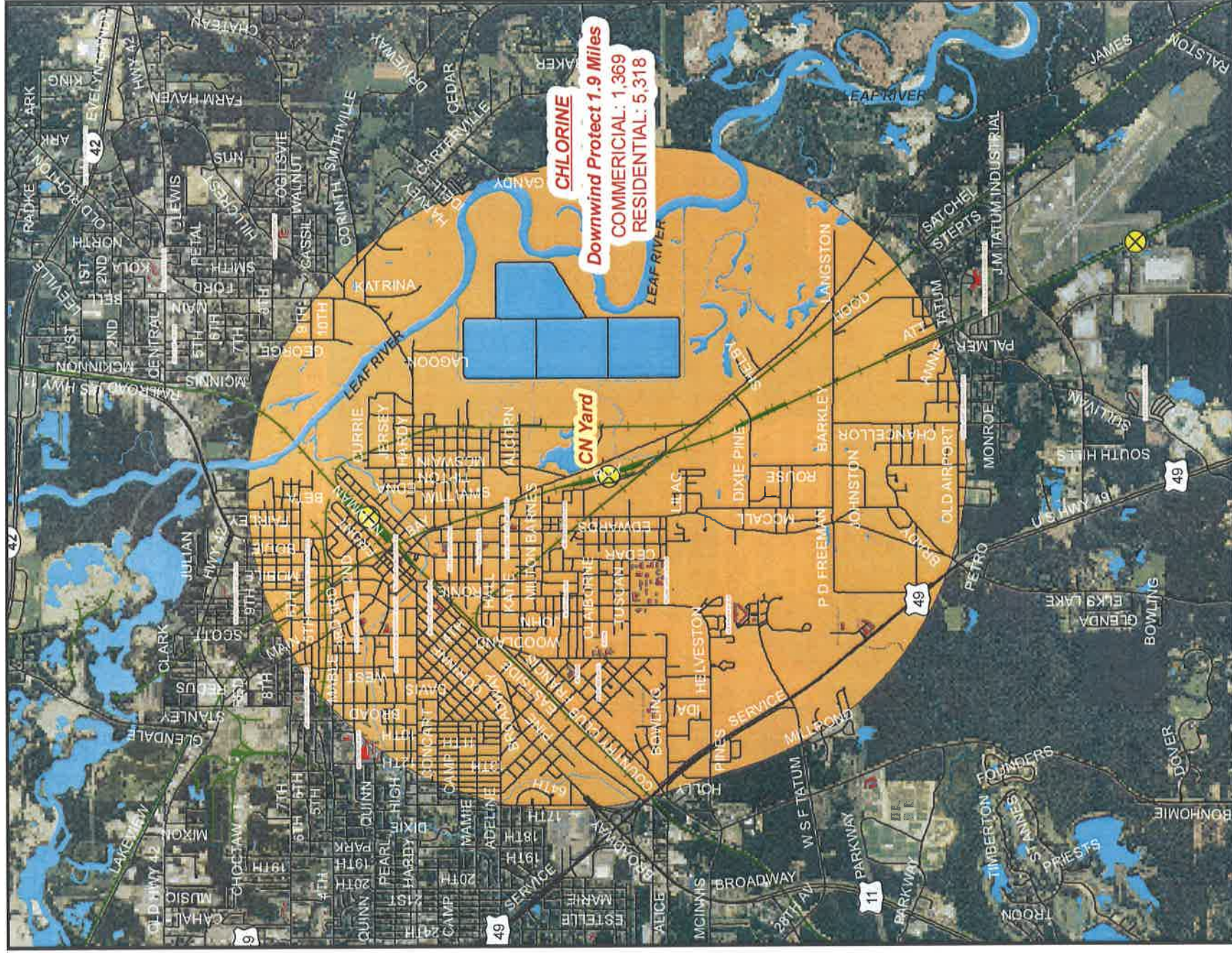
Commodity	Protection Action	Distance	Figure No.
Propane/LPG	First Isolate	0.5 miles	5.12
Chlorine	First Isolate	1500 ft	5.13
Chlorine	Down-Wind Protect	1.9 miles	5.14
Ammonia, Anhydrous	First Isolate	500 ft	5.15
Ammonia, Anhydrous	Down-Wind Protect	0.5 miles	5.16
Ammonium Nitrate	First Isolate	150 ft	5.17
Sulfur, Molten	First Isolate	330 ft	5.18
Sodium Hydroxide, Solution	First Isolate	150 ft	5.19
Combustible Liquid, N.O.S.	First Isolate	1,000 ft	5.20
Flammable Liquid, N.O.S.	First Isolate	1,000 ft	5.21





CN YARD
CHLORINE
FIRST ISOLATE 1,500'

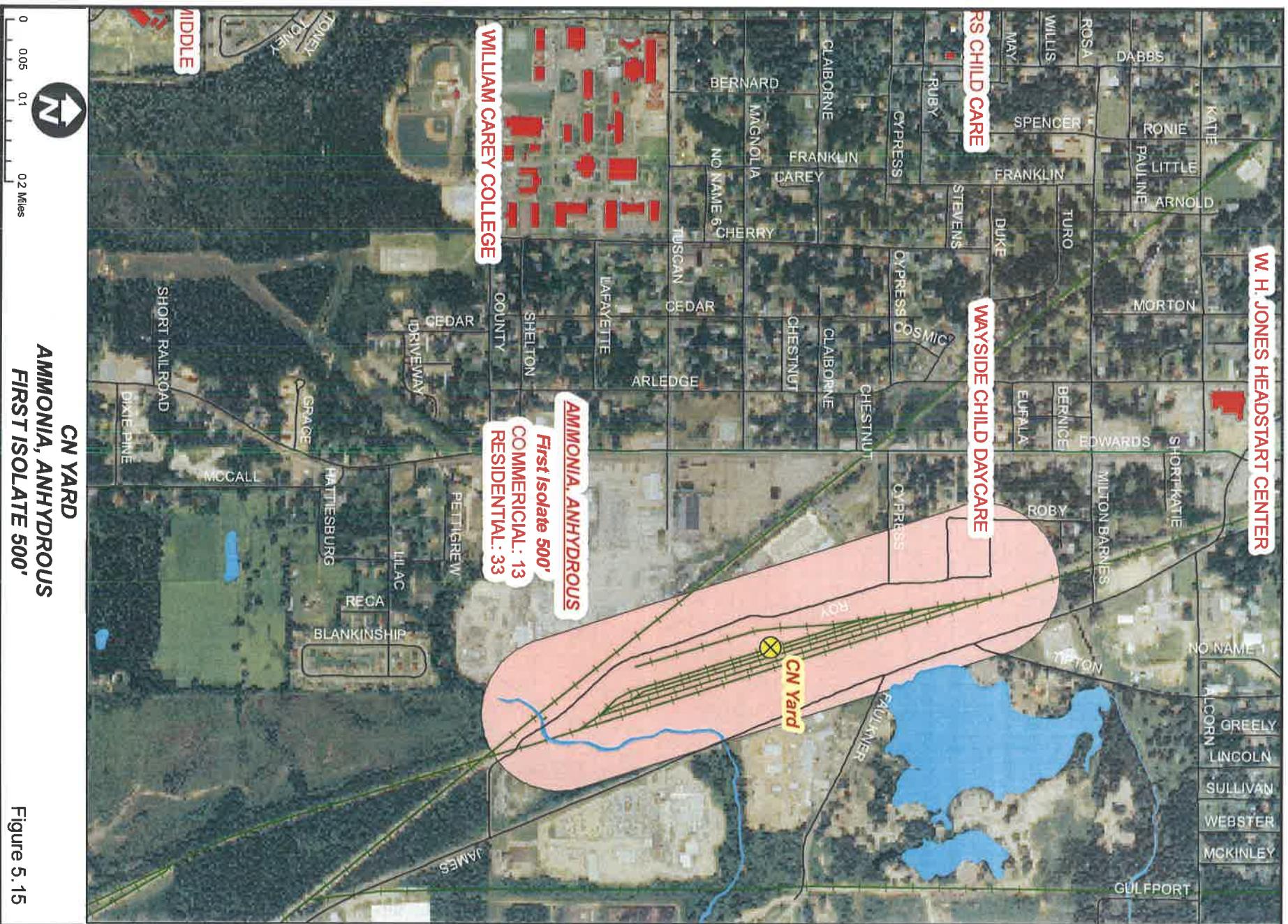
Figure 5.13



CN YARD
CHLORINE

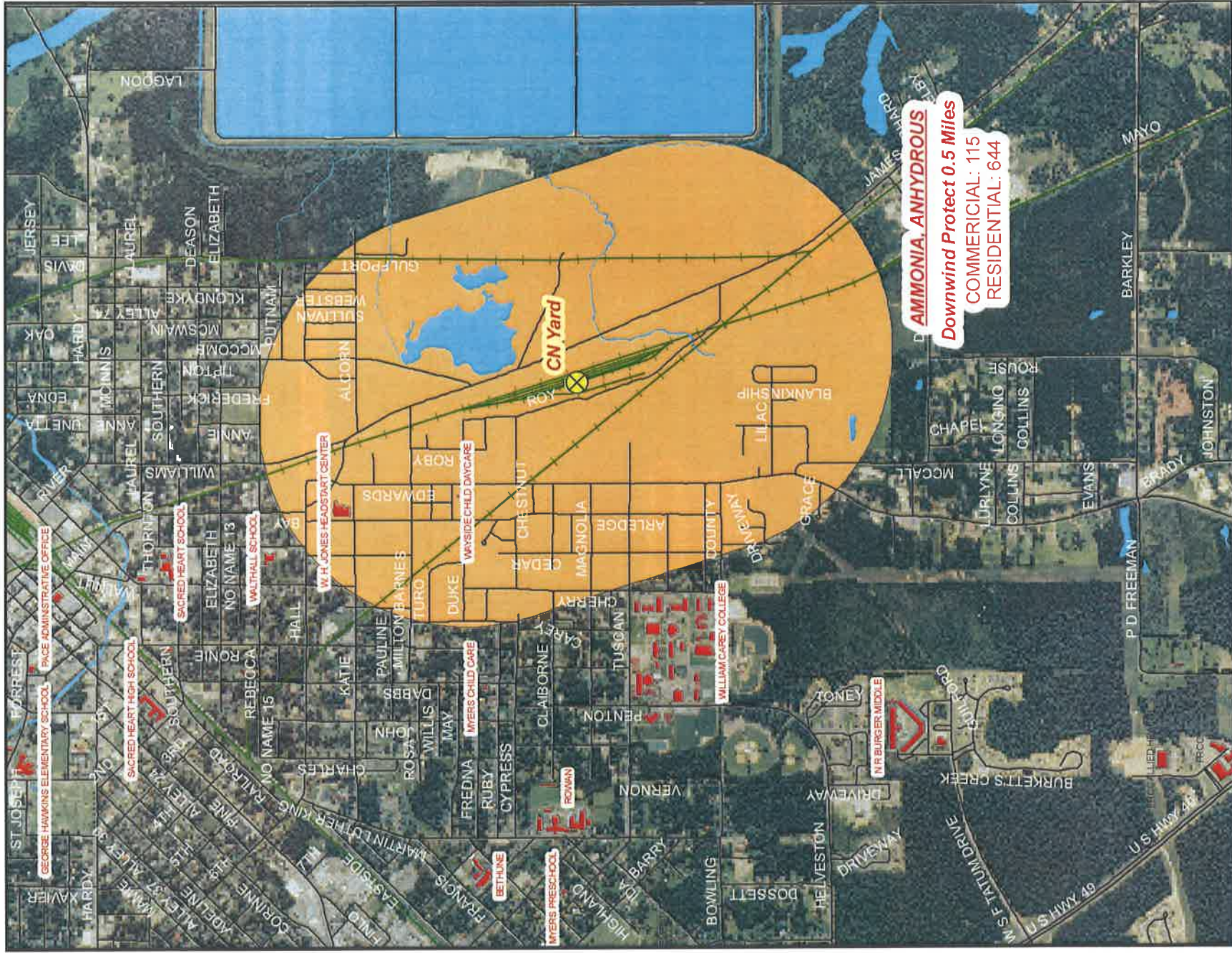
DOWNWIND PROTECT 1.9 MILES

Figure 5.14



CN YARD
AMMONIA, ANHYDROUS
FIRST ISOLATE 500'

Figure 5.15



AMMONIA, ANHYDROUS
 Downwind Protect 0.5 Miles
 COMMERCIAL: 115
 RESIDENTIAL: 644

CN YARD
AMMONIA, ANHYDROUS
DOWNWIND PROTECT 0.5 MILES

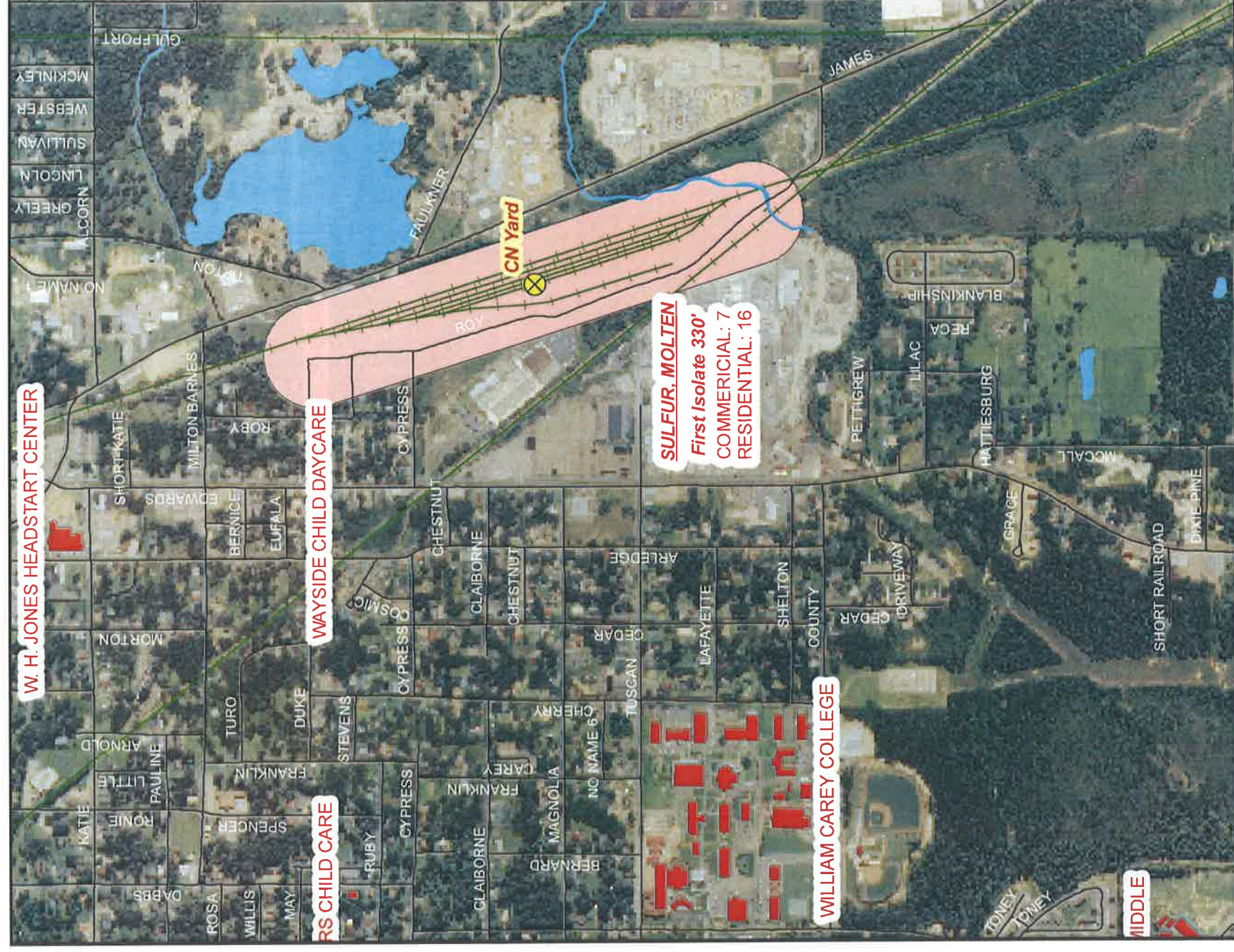
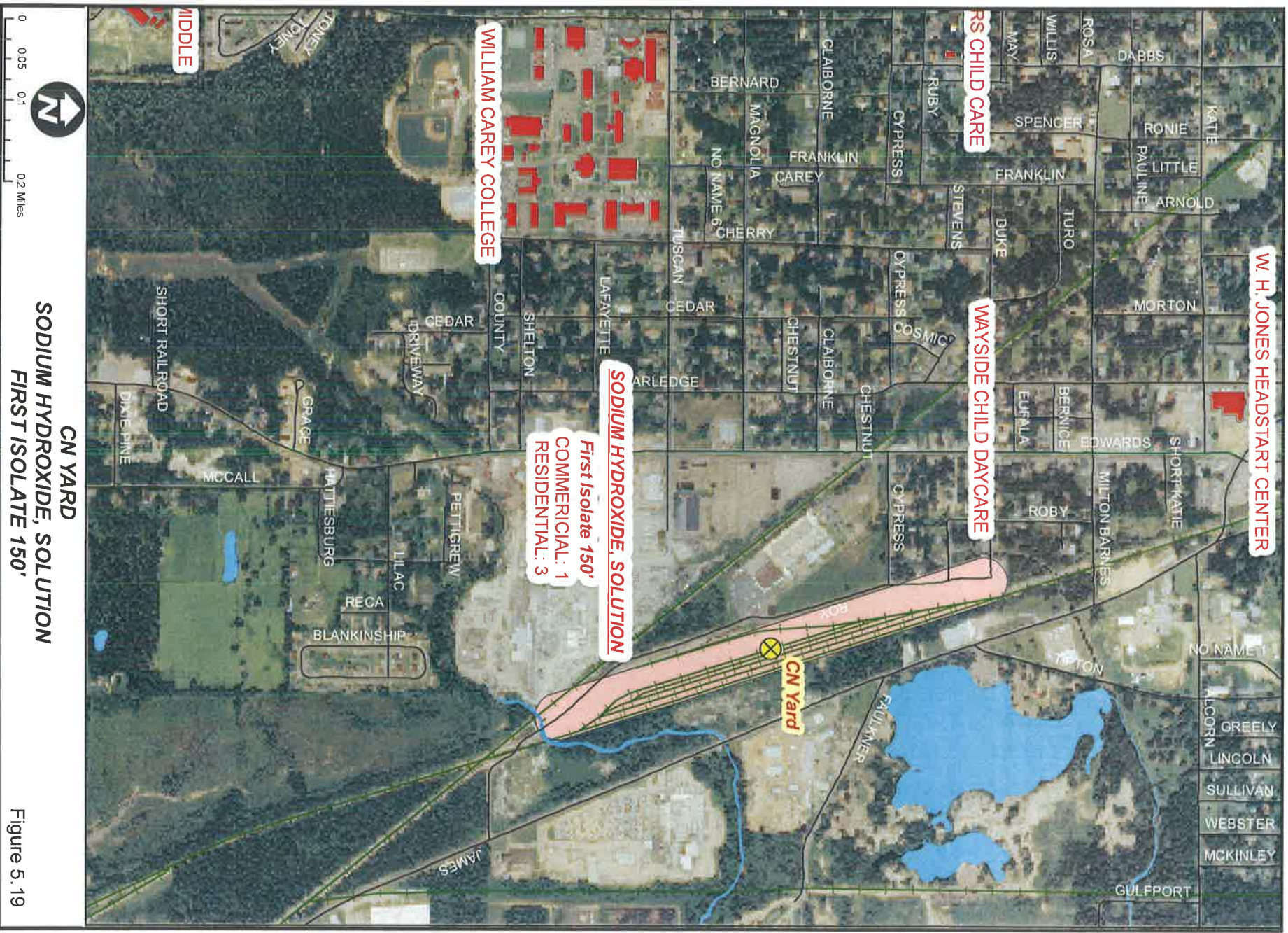


Figure 5.18



CN YARD
SODIUM HYDROXIDE, SOLUTION
FIRST ISOLATE 150'

Figure 5. 19

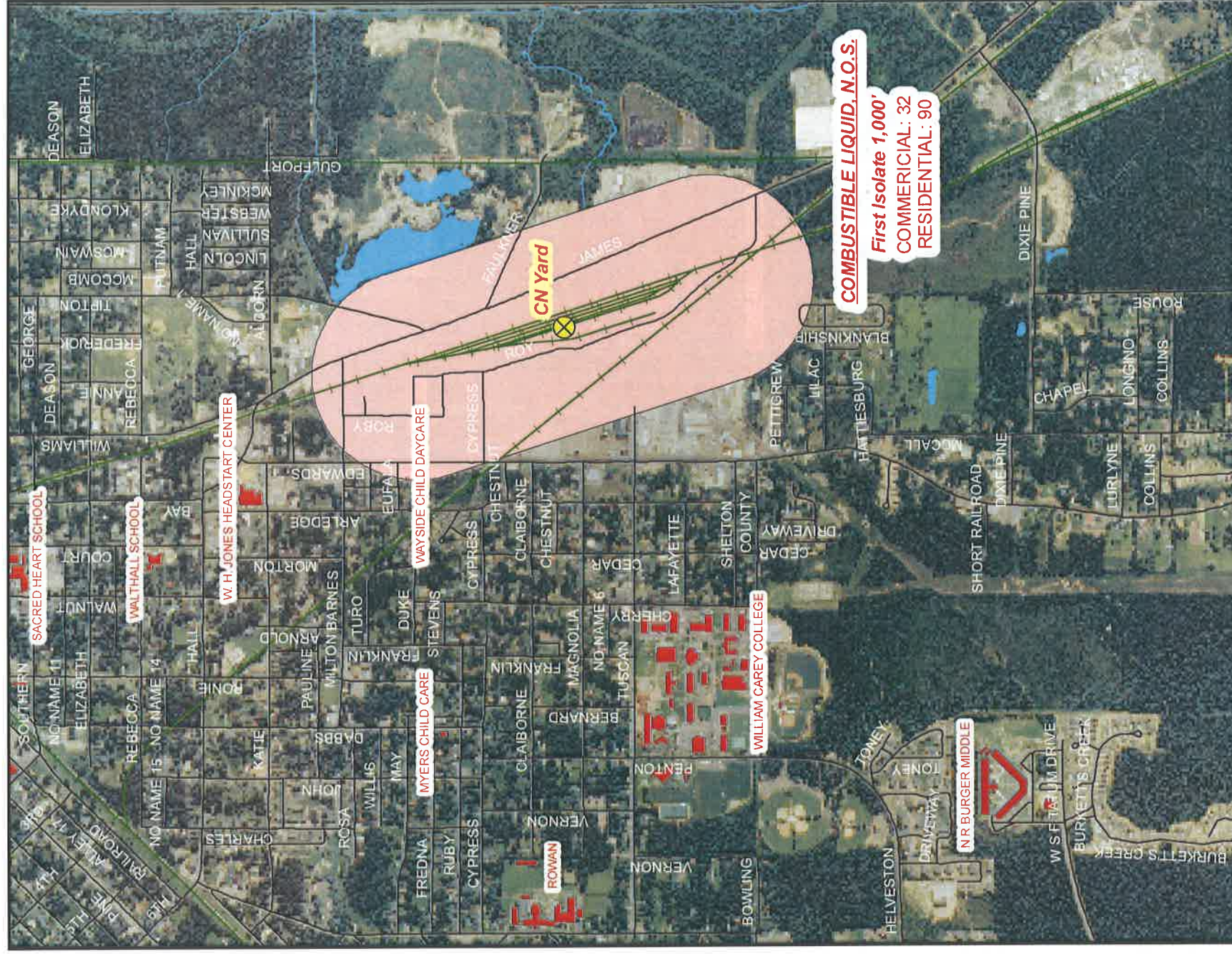
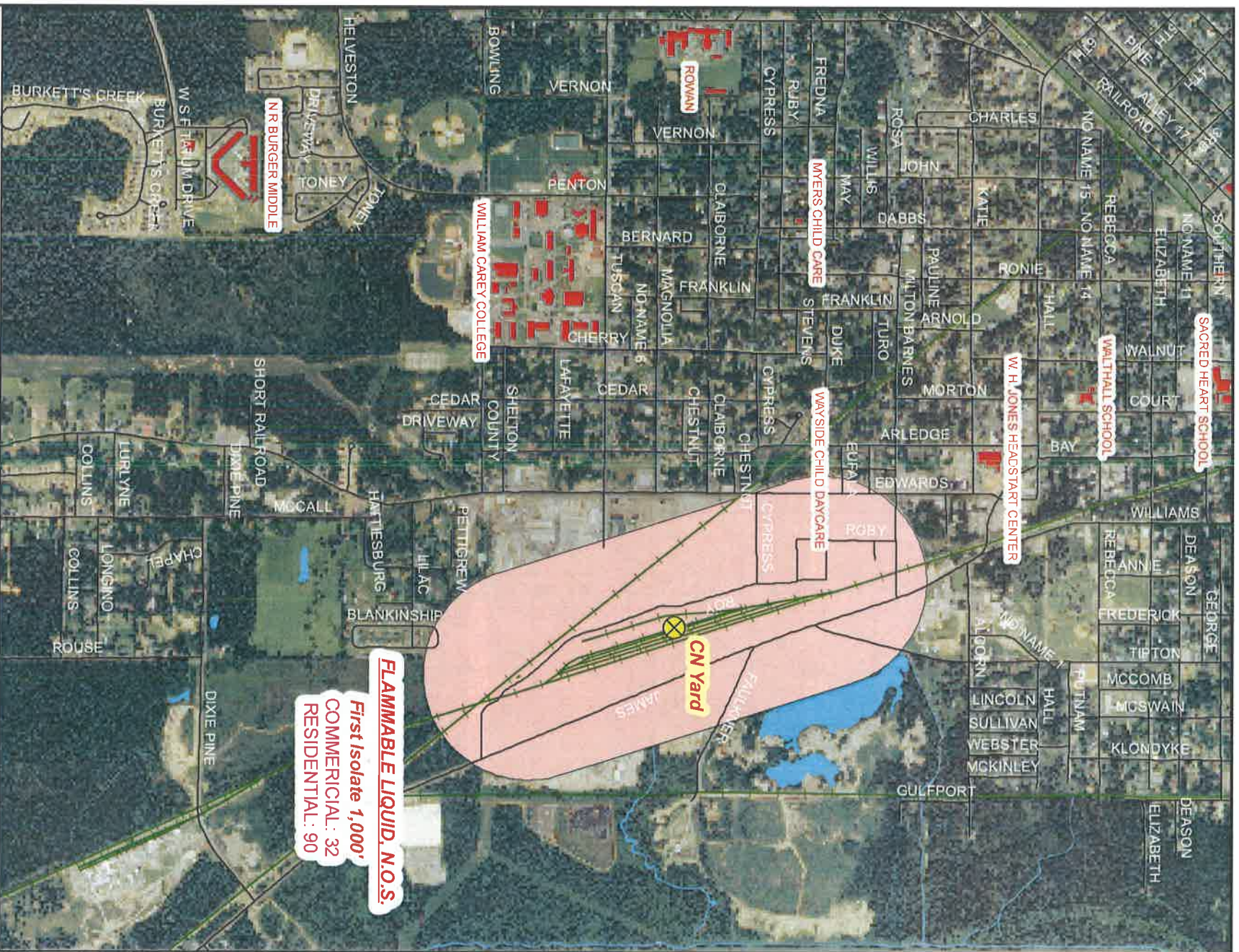


Figure 5.20



CN YARD
FLAMMABLE LIQUID, N.O.S.
FIRST ISOLATE 1,000'

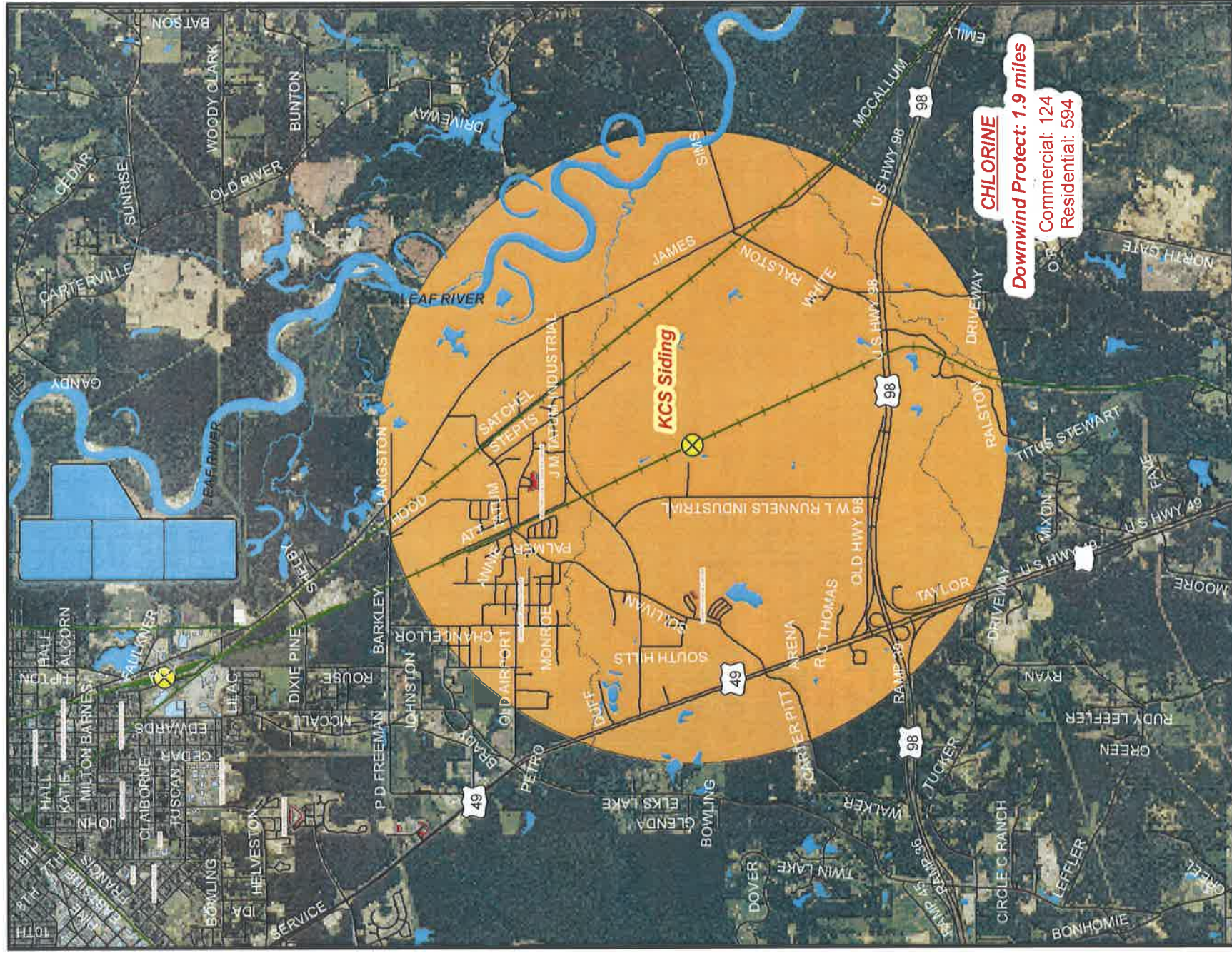
Figure 5.21

5.4 Kansas City Southern

Release scenarios have been developed for the areas identified as having a potential for experiencing a small or large release. The release scenarios are oriented towards typical operations and the release risk potential created by such.

Specific release scenarios for the most frequent hazardous commodities that may be present at this facility are listed in the table below and illustrated in the following figures.

TABLE 5.4 COMMODITY RELEASE SCENARIOS			
Commodity	Protection Action	Distance	Figure No.
Chlorine	First Isolate	1500 ft	5.22
Chlorine	Down-Wind Protect	1.9 miles	5.23
Sodium Hydroxide, Solution	First Isolate	150 ft	5.24



0 0.25 0.5 1 Miles

**KCS
 CHLORINE
 DOWNWIND PROTECT 1.9 MILES**

Figure 5.23

SECTION 6: RELEASE DETECTION SYSTEMS

This section provides a detailed description of the procedures and equipment used to detect releases. Release detection by personnel is included for regular operations and after-hours operations.

6.1 Norfolk Southern – Dragon Siding

6.1.1 Release Detection by Personnel

The railroad personnel at this rail yard do not have the capability, outside of visual inspection, for detecting the release of any Hazardous Commodity transported through or staged here temporarily.

6.1.2 Automated Release Detection Available

This rail yard is not equipped with any equipment capable of automatically detecting the release of any Hazardous Commodity transported through or staged here temporarily.

6.1.3 Monitoring

In the event of a release of a Hazardous Commodity or Toxic Inhalation Substance (TIH), the owner of this rail yard will contact Forrest County EMA such that a pre-designated contractor to begin evaluating the release impact area and onsite detection of the actual concentrations near the source and in the surrounding community. It may take some time for the Contractor to respond to the site but they may be able to provide release estimates based on remote plume dispersion modeling.

6.2 Norfolk Southern

6.2.1 Release Detection by Personnel

The railroad personnel at this rail yard do not have the capability, outside of visual inspection, for detecting the release of any Hazardous Commodity transported through or staged here temporarily.

6.2.2 Automated Release Detection Available

This rail yard is not equipped with any equipment capable of automatically detecting the release of any Hazardous Commodity transported through or staged here temporarily.

6.2.3 Monitoring

In the event of a release of a Hazardous Commodity or Toxic Inhalation Substance (TIH), the owner of this rail yard will contact Forrest County EMA such that a pre-designated contractor to begin evaluating the release impact area and onsite detection of the actual concentrations near the source and in the surrounding community. It may take some time for the Contractor to respond to the site but they may be able to provide release estimates based on remote plume dispersion modeling.

6.3 Canadian National

6.3.1 Release Detection by Personnel

The railroad personnel at this rail yard do not have the capability, outside of visual inspection, for detecting the release of any Hazardous Commodity transported through or staged here temporarily.

6.3.2 Automated Release Detection Available

This rail yard is not equipped with any equipment capable of automatically detecting the release of any Hazardous Commodity transported through or staged here temporarily.

6.3.3 Monitoring

In the event of a release of a Hazardous Commodity or Toxic Inhalation Substance (TIH), the owner of this rail yard will contact Forrest County EMA such that a pre-designated contractor to begin evaluating the release impact area and onsite detection of the actual concentrations near the source and in the surrounding community. It may take some time for the Contractor to respond to the site but they may be able to provide release estimates based on remote plume dispersion modeling.

6.4 Kansas City Southern

6.4.1 Release Detection by Personnel

The railroad personnel at this rail yard do not have the capability, outside of visual inspection, for detecting the release of any Hazardous Commodity transported through or staged here temporarily.

6.4.2 Automated Release Detection Available

This rail yard is not equipped with any equipment capable of automatically detecting the release of any Hazardous Commodity transported through or staged here temporarily.

6.4.3 Monitoring

In the event of a release of a Hazardous Commodity or Toxic Inhalation Substance (TIH), the owner of this rail yard will contact Forrest County EMA such that a pre-designated contractor to begin evaluating the release impact area and onsite detection of the actual concentrations near the source and in the surrounding community. It may take some time for the Contractor to respond to the site but they may be able to provide release estimates based on remote plume dispersion modeling.

SECTION 7: PLAN IMPLEMENTATION

7.1 General Response Operations

The purpose of this section is to describe response actions to be taken to ensure the safety of the First Responders and to protect against releases described in Section 5.0 - "Release Scenarios". Once a release is reported/detected the following steps as referenced in the 2012 Emergency Response Guide Book should be taken:

RESIST RUSHING IN!

APPROACH CAUTIOUSLY FROM UPWIND, UPHILL OR UPSTREAM:

- Stay clear of *Vapor, Fumes, Smoke and Spills*
- Keep vehicle at a safe distance from the scene

SECURE THE SCENE:

- Isolate the area and protect yourself and others

IDENTIFY THE HAZARDS USING ANY OF THE FOLLOWING:

- Placards
- Container labels
- Shipping documents
- Rail Car and Road Trailer Identification Chart
- Material Safety Data Sheets (MSDS)
- Knowledge of persons on scene
- Consult applicable guide page

ASSESS THE SITUATION:

- Is there a fire, a spill or a leak?
- What are the weather conditions?
- What is the terrain like?
- Who/what is at risk: people, property or the environment?
- What actions should be taken – evacuation, shelter in-place or dike?
- What resources (human and equipment) are required?
- What can be done immediately?

OBTAIN HELP:

- Advise your headquarters to notify responsible agencies and call for assistance from qualified personnel

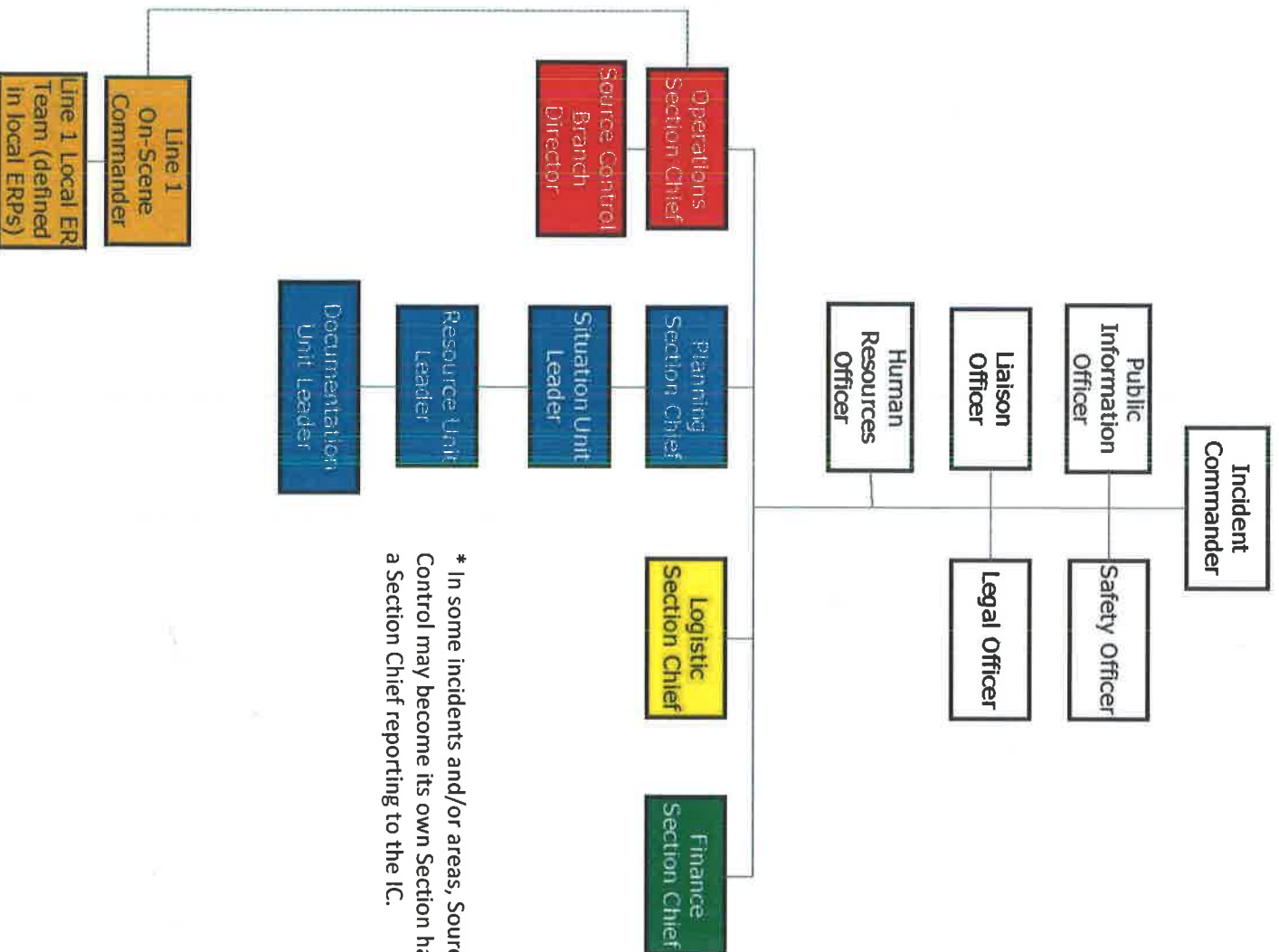
RESPOND:

- Enter only when wearing appropriate protective gear
- Rescue attempts and protecting property must be weighed against you becoming part of the problem
- Establish a command post and lines of communication
- Continually reassess the situation and modify response accordingly
- Consider safety of people in the immediate area first, including your own safety

ABOVE ALL: Do not assume that gases or vapors are harmless because of lack of a smell—odorless gases or vapors may be harmful. Use **CAUTION** when handling empty containers because they may still present hazards until they are cleaned and purged of all residues.

The Forrest County response team structure is patterned after the NIMS Incident Command System. As defined, this system is highly flexible, capable of being adapted to the complexity or simplicity of the response action. The Forrest County EMA will determine the IC and is responsible for implementing the ICS system and expanding or contracting it as they deem appropriate.

The following chart is a guide for the development of an ICS structure.



* In some incidents and/or areas, Source Control may become its own Section having a Section Chief reporting to the IC.

Figure 7.1 – ICS Structure

The ICS is developed from the top down and is headed by the Incident Commander (IC). There are nine functional positions which report to the IC. Until the IC assigns individuals to each of these positions, the IC has functional responsibility for all unassigned positions. The IC can request the Forrest County Emergency Management Support Staff to fill any of the ICS positions as needed.

All ICS personnel have the following Common Responsibilities:

- Receive assignment, notification, reporting location, reporting time, and travel instructions from supervisor,
- Upon arrival at the incident, check in at the designated check-in location, generally at the Incident Command Post,
- Participate in incident planning meetings,
- Use clear text and ICS terminology in all radio transmissions,
- Identify the incident by name in all radio communications,
- Receive briefing from immediate supervisor,
- Acquire work assignments and materials,
- Organize, assign and brief subordinates,
- Determine resource needs,
- Develop and implement accountability, safety, and security for personnel and resources,
- Complete forms and paperwork required of the position, including lists of supplies to be replenished,
- Ensure continuity by using in/out briefings,
- Respond to demobilize orders, and
- Brief subordinates regarding demobilization orders.

The span of control is determined by the number of people reporting to one person. ICS disciplines each member to:

- Limit the span of control to a manageable number of individuals,
- Train and prepare for exceptions, and
- Assign an area of functional responsibility to another person as needed to maintain control.

Modular development enables on-scene ICS members to make decisions about expanding the ICS based on the specific requirements of the incident. Staffing of the structure can consist of one to hundreds of individuals depending upon the magnitude of the incident and the resources required to manage it.

Common Terminology ICS is a widely accepted and used emergency response process. During an emergency, response personnel may include company personnel from other locations, contractors, and governmental agencies. Forrest County EMA requires the use of ICS terminology to help maintain consistency of communication. An ICS team is disbanded by the IC once the incident is resolved.

Unified Command

A unified command will be established during an incident anytime agency representatives are present. When governmental agencies have jurisdiction in managing an incident, a unified command may be established as follows:

- The Forrest County EMA Incident Commander, and
- One designated individual from each jurisdictional response agency.

An integrated command occurs when personnel from the responsible party and participating agencies staff one or more ICS sections below the Incident Commander. This is not a subset of unified command or decision by consensus, but rather one chief per section with assigned roles within that section.

After each hazardous commodity release event where the Facility Response Plan (FRP) is implemented, a post-incident analysis will be conducted to evaluate the FRP's effectiveness and identify plan, resource, and response deficiencies. Forrest County EMA will conduct the post-incident analysis.

All plan, resource, and training deficiencies identified shall be reported to the Forrest County EMA management team and at least one team member from an independent consulting firm, along with a corrective action plan for resolving the identified problems. The owner should monitor corrective action plan progress until final resolution. Forrest County EMA is responsible for correcting FRP deficiencies within 30 days of the corrective action plan publication date.

7.1.1 Incident Command Plan

The FIELD SUPERVISOR on call is the QUALIFIED INDIVIDUAL or Incident Commander. The Incident Commander oversees the entire operation. The IC sets objectives and priorities and has responsibility for the entire operation. All operational groups within the ICS report to the IC/QI. The IC/QI or designee coordinates with Federal OSC and others. All other ICS functions, as appropriate to the response, report directly to the IC/QI.

Incident Commander

The Incident Commander is responsible for:

- Implementing overall management of the incident to protect personnel, the public, and the environment,
- Assessing the situation and/or obtaining briefing from the prior Incident Commander,
- Determine incident objectives and strategies,
- Establish priorities,
- Establish incident command post,
- Establish the appropriate organization,
- Approve and authorize implementation of an Incident Action Plan,
- Ensure adequate safety measures are in place,
- Ensuring that responders are qualified to perform the tasks assigned,

- Coordinate activity of all command and general staff,
- Activating Local Response Team and when required, the Railroad Support Staff,
- Coordinate with key stakeholders and officials through the Liaison Officer,
- Approve requests for additional resources or for the release of resources,
- Keep agencies informed about incident,
- Coordinate incident investigation responsibilities,
- Order demobilization of incident resources when appropriate, and
- Report directly to the Forrest County EMA.

Safety Officer

The Safety Officer is responsible for monitoring and assessing hazardous and unsafe situations and developing measures to assure personnel safety. The Safety Officer will correct unsafe acts or conditions through the regular line of authority, although the Safety Officer may exercise emergency authority to prevent or stop unsafe acts when immediate action is required. The Safety Officer maintains awareness of active and developing situations, ensures the Site Safety and Health Plan is prepared and implemented, and includes safety messages in each Incident Action Plan. Only one Safety Officer will be assigned for each incident. The Safety Officer may have assistants, as necessary. In addition to the common duties described above, the Safety Officer duties include:

- Monitor and assess hazardous and unsafe conditions,
- Develop and implement measures that assure personnel safety,
- Coordinate the preparation of the site safety plan,
- Make recommendations for personal protective equipment, control zones and decontamination area,
- Exercise authority to stop or prevent unsafe acts,
- Investigate accidents that occur in the incident area,
- Ensure preparation of the Site Safety and Health Plan, and
- Assign assistants and manage the incident safety organization.

Information Officer

The Information Officer is responsible for organizing and managing all public affairs activities associated with emergency response operations. In addition to the common duties described above, the Information Officer duties include:

- Organize and manage all media-related activities,
- Serve as principal advisor to Incident Commander on all matters relating to external communications and interactions with the media,
- Advise Incident Commander on public affairs impacts of an incident and emergency response operations,
- Prepare “If Asked” statements,
- Identify “public” audiences and their concerns,
- Develop proactive methods for addressing “public” concerns,
- Press releases and press briefings,
- Press conferences and town hall meetings,

- One-on-one interviews,
- Tours,
- Obtain necessary approvals from Incident Commander prior to the release of information to the public,
- Provide Planning Section Chief or Situation Unit with information on scheduled press briefings and conferences for posting in Information Center,
- Work with government agency Public Affairs personnel to coordinate statements to the public,
- Establish a Joint Information Center (JIC), if appropriate,
- Prepare Incident Commander for interactions with media, and
- Monitor press reports.

Liaison Officer

The Liaison Officer is responsible for interfacing with and reporting to the appropriate regulatory agencies, stakeholders affected by the incident after conferring with the Incident Commander or his designee. The Liaison Officer is also responsible for assisting and cooperating with outside non-response regulatory agencies such as Red Cross, water departments, environmental agencies, etc., to disseminate or receive needed information. The Liaison Officer provides notification and updates internally as well as seeking legal advice in support of response activities. Any press interviews or press releases will be coordinated through the Liaison Officer. Only one Liaison Officer will be assigned for each incident. In addition to the common duties described above, the Liaison Officer duties include:

- Ensure incident funding is available (Forrest County EMA management has stated its commitment to provide funding for all incidents through completion)
- Seek appropriate legal counsel
- Act as the point of contact for the incident
- Report incident and provide updates as needed to appropriate regulatory agencies
- Authorize release of information to the news media or other interested parties
- Arrange field tours and briefings as may be necessary
- Maintain current information summaries of the incident
- Update management as to the status of the incident.

Operations Section Chief

The Operations Section Chief is responsible for managing all operations directly applicable to incident response and clean-up. The Operations Section Chief activates and supervises elements in accordance with the Incident Action Plan and directs its execution; activates and executes the Site Safety and Health Plan; directs the preparation of unit operational plans as needed; requests or releases resources; makes expedient changes to the Incident Action Plan as necessary; and reports such to the Incident Commander. The Operations Section Chief participates in developing and implementing the Incident Action Plan and activates and supervises the personnel required to accomplish Operation Section tasks. In addition to the common duties described above, the Operations Section Chief duties include:

- Develop operation portion of Incident Action Plan (IAP)
- Brief and assign operations personnel

- Supervise execution of the IAP
- Request resources needed to implement IAP
- Release unneeded resources
- Ensure safe operations
- Make changes as needed to the Plan
- Report information about changes to the IAP, special activities, events and occurrences to Incident Commander as well as the Planning Section Chief and Liaison Officer

Planning Section Chief

The Planning Section Chief is responsible for collecting, evaluating, disseminating, and using information about the incident to: (1) understand the current situation (2) predict probable course of incident events, and (3) prepare alternative strategies for the incident. The Planning Section Chief participates in developing and implementing the Incident Action Plan and activates and supervises the personnel required to accomplish Planning Section tasks. In addition to the common duties described above, the Planning Section Chief duties include:

- Collect, evaluate, disseminate, and use information related to the development of the incident
- Assist in creation of the Incident Action Plan
- Maintain the status of resources available to handle the incident
- Obtain information needed to resolve the situation
- Prepare alternative response strategies to handle the situation
- Determine the need for specialized resources to support the incident
- Assign technical specialists as needed
- Advise Incident Commander and Section Chiefs of significant changes in incident status

Logistics Section Chief

The Logistics Section Chief is responsible for providing facilities, services and material in support of the incident response. The Logistics Section Chief participates in developing and implementing the Incident Action Plan and activates and supervises the personnel required to accomplish Logistics Section tasks. In addition to the common duties described above, the Logistics Section Chief duties include:

- Identify service and support requirements for planning and expected operations
- Coordinate and process requests for additional resources
- Advise on current service and support capabilities
- Estimate future service and support requirements
- Provide input into demobilization plans
- Ensure general welfare and safety of Logistics Personnel

Finance/Administration Section

The Finance/Administration Section is responsible for all financial and cost analysis aspects of the incident and for supervising members of the Finance/Administration Section. Within Forrest County EMA separate individuals manage these responsibilities. In addition to the common duties described above, the Finance/Administration Section duties include:

- Determine resource needs

- Ensure that financial authorities are identified
- Maintain contact with administration headquarters on finance matters
- Establish lines of credit at local banks
- Keep records of time sheets for contract as well as company personnel
- Track costs and resources
- Ensure that all obligation documents initiated at the incident are properly prepared and completed
- Ensure all insurance claims documents initiated at the incident are properly prepared and completed

Roles and Responsibilities of the FORREST COUNTY EMA Support Staff

The purpose of the Forrest County EMA is to manage off-site issues associated with emergencies whenever there is a Forrest County EMA incident or event for which the IC requests their assistance. The Forrest County EMA will activate any of the support staff as requested by the IC and as dictated by the complexity of the event. One person may occupy more than one of the Support Staff positions.

7.1.2 General Response Objectives

The following are typical response objectives and can be used for hazardous commodity releases:

- Ensure the safety of citizens and response personnel.
- Manage a coordinated response effort.
- Maximize protection of environmentally sensitive areas including wildlife and historic properties.
- If possible to do so safely, control the source of the release.
- If possible to do so safely, contain and recover released material.
- Recover and rehabilitate injured wildlife.
- Remove released material from impacted areas.
- Minimize economic impact.
- Keep stakeholders informed of response activities.
- Keep the public informed of response activities.

The first priority in any hazardous release is always the protection of human life and health. This priority remains paramount throughout all phases of the response effort. Maximum human protection from a hazardous release at Forrest County EMA is achieved by timely evacuation (if required), effective containment to areas away from inhabited residences and workplaces, and prompt cleanup.

The next priority is to protect natural resources and minimize ecological impacts. At the Forrest County EMA, the primary effort is to contain the hazardous release and prevent its escape into the nearby waterways.

The third priority is to minimize economic and public impact. Actions taken to achieve the first two priorities above, will also achieve this goal. The most effective immediate action to

minimize public impact is by keeping the hazardous release material from reaching beyond the site boundaries and to contain it if it does.

7.1.3 General Railroad Emergency Release Response Actions



Click here to access the Norfolk Southern Yard Emergency Response Plan for the Hattiesburg site.



Click here to access the CN Emergency Action Plan for the Hattiesburg site.

The KCS site does not consist of a staffed fixed facility operation and is only main line train operation. Therefore, there is no specific local emergency plan for this site and train crews are to operate under the KCS hazmat instruction to guide them through hazmat emergencies.

7.2 Response Resources for Level I and Level II Incidents

This section identifies the necessary response actions that should be taken to respond safely and effectively to a Level I (small release) or Level II (large release) Incident. Persons discovering the release are responsible for providing initial actions without undue risk of injury. **All releases should be immediately reported to the Forrest County EMA 24-Hour Hotline at (601) 545-4910 or 911** which can dispatch the Fire Department and/or HAZMAT Response Team. Personnel from Forrest County EMA should perform initial response actions, including application of available release response equipment.

All members of the HAZMAT Response Team are sufficiently trained to utilize their response equipment, including the execution of drills and exercises (see Section 8, *Self-Inspection, Drills/Exercise, and Response Training*).

**TABLE 7.2
FORREST CO EMA LEVELS OF RESPONSE**

Level	Description	Response Organizations
I	An incident that can be controlled, cleaned-up, and disposed of by local emergency response organizations. The incident is confined to a small area. Only evacuation of the immediate area is required.	- Forrest County EMA - Hattiesburg Fire Department - Hattiesburg Police Department
II	An incident beyond the using organization's capabilities to respond involving a greater hazard or larger area which could be a potential threat to life or property and may require a limited evacuation of the surrounding area.	- Forrest County EMA - Hattiesburg Fire Department - Hattiesburg Police Department - County Mutual Aid Departments - State and Federal Departments

7.2.1 Level I

The following actions should be conducted in the event of a Level I (small release) Incident to confine and contain the release to the smallest area possible, if these control functions can be accomplished safely.

- Notification of the Forrest County EMA 24-Hour Hotline (601) 545-4910.
- Wear the appropriate protective equipment.
- Block all storm drains and sanitary drains to prevent release to surface waters or soil.
- Prevent further leakage by repositioning the container, if exposure to personnel or the environment will not result.
- Control the release by trenching or encircling the area with a dike of sand, absorbent material, or, as a last resort, soil or rags.
- Contain the area and release material. If the release is liquid, use an absorbent material. If the release is a dry material, use polyethylene or plastic tarpaulin and secure. **Note:** Use absorbent materials sparingly as they may require disposal as hazardous waste.
- Recover the contaminated material: For liquid releases, work the absorbent into the release using a broom or other tool. Collect and place the contaminated material into properly labeled leak proof containers. For dry materials, roll up the tarp while carefully sweeping up the released materials. Ensure the appropriate respiration equipment is used. Collect the materials and place them in heavy-duty plastic bags. Properly secure and label the bags and set aside for disposal.

7.2.2 Level II

Initial on-scene command decision, based upon size-up or initial release reported to Forrest County EMA, will determine activation of Level II. A representative from Forrest County EMA will contact the Hattiesburg Fire Department, the Corporate Release Response team, and emergency contractors as needed (listed in Table 3.1) to respond and provide emergency response and clean-up resources.

Response to a Level II Incident (large release) would require assistance from multiple contractor response units, and potentially, local or contacted mutual aid organizations. Contacting 911 with a description and details of the release will allow the emergency operator to contact all necessary County personnel to assist with emergency response.

A Level II Incident could consist of a catastrophic tank release and/or failure of the secondary containment. In the event of a Level II Incident, Forrest County EMA and contractors will respond with the necessary equipment to assess, contain, and control the impact of such releases.

United States Environmental Services (USES) is under agreement with the rail yards to respond to a release, should Forrest County EMA request their assistance. They can be on site in 1 hour with manpower and equipment. **USES's 24-Hour Emergency Number is 1-888-279-9930.** All other contractors and all equipment can be anywhere within the Forrest County EMA operating area within 12 hours and can be accessed for release response as needed.

Response efforts would include:

- Notification of the Forrest County EMA 24-Hour Hotline (601) 545-4910.
- Initiation of the Incident Command System (ICS) to allow the site to work with federal, state, and local response agencies that use the ICS, and allow for the integration of contractor resources.
- Activation by the initial IC of the FCFRP, necessary contractors, and mutual aid organizations.
- Immediate notification of appropriate state and federal response agencies.
- Mitigation of potential fire hazards, utilizing mutual aid organizations, and contractors.
- Notification of the Forrest County EMA.
- Coordination of all recovery and decontamination activities.
- Provision of adequate disposal containers for release residue and contaminated soils.
- Implementation of monitoring program to detect additional releases or contamination.
- Scheduling for maintenance, repair, and restocking of equipment used during the response.
- Submittal of appropriate state, federal, and military reports.

Response equipment listed in Section 3.2 is located at the USES Jackson Office and can be readily accessed for all sizes of hazardous releases for initial response. Section 3.1 of this plan lists emergency response personnel that can be contacted to respond. Sufficient numbers of personnel are available with required training to operate the required response equipment.

7.2.3 Plan Implementation and Response Training

The actions described in this plan and the required training necessary to carry out the response actions should be implemented as specified in Section 8 of this plan.

SECTION 8: Self Inspection, Drills/Exercises, and Response Training

8.1 Self-Inspection

Emergency Response self-inspection requires two steps: (1) a checklist of items to inspect; and (2) a method of recording the actual inspection and its findings. The date of each inspection must be noted. These records should be maintained for 5 years.

8.1.1 Periodic Inspection Protocol

In addition to informal visual assessments performed prior to each use, response personnel will formally inspect vehicles and related equipment. The form depicted on the following page outlines the key items and parameters to be checked.

8.1.2 Response Equipment Inspection

Release response equipment and materials maintained by Forrest County agencies and USES are maintained at appropriate levels for response, and replenished, as necessary. All equipment is inspected prior to use.

See following pages for typical forms content. Alternatively, one complete inventory checklist depicting equipment, materials, and condition may be used instead of individual forms.

**TABLE 8.1.2A
RESPONSE EQUIPMENT INSPECTION CHECKLIST AND LOG**

Inventory Item: Vehicles/Heavy Equipment				
Quantity on-Hand:				
Short-fall from Plan Quantity:	☐ YES	☐ NO		
Storage Location:				
Accessibility: [Time to Access and Respond]				
Operational Status:	☐ Operational	☐ Non-Operational		
Condition:	☐ Good	☐ Fair	☐ Poor	
Use Status:	Date of Last Use: Date of Last Test: Test Frequency:			
Required Inspection Frequency:				
Shelf Life:	Present age: Expected Replacement Date: Date Oil Last Changed:			
Comments:				
Inspector:	Name:			
	Rank/Rate/Code			

**TABLE 8.1.2B
RESPONSE EQUIPMENT INSPECTION CHECKLIST AND LOG**

Inventory Item: Communications Equipment			
Quantity on-Hand:			
Short-fall from Plan Quantity:	☐ YES	☐ NO	
Storage Location:			
Accessibility: [Time to Access and Respond]			
Operational Status:	☐ Operational	☐ Non-Operational	
Condition:	☐ Good	☐ Fair	☐ Poor
Use Status:	Date of Last Use: Date of Last Test: Test Frequency:		
Required Inspection Frequency:			
Shelf Life:	Present age: Expected Replacement Date:		
Comments:			
Inspector:	Name: Rank/Rate/Code		
Signature:	Date of Inspection:		

8.2 Forrest Co EMA Drills/Exercises

Forrest County EMA participates in their own yearly drills with the employees of their agency and supporting agencies and organizations.

See following page for form.

**TABLE 8.2
FORREST CO EMA DRILLS/EXERCISES**

Date	
Company	
Emergency Scenario	
Evaluation	
Changes to be Implemented	
Time Table of Implements	

8.3 Response Training

Personnel employed at facilities that transfer or store products classified as hazardous substances (HS) by the Occupational Safety and Health Administration (OSHA), must comply with HAZWOPER regulations.

Workers with limited response roles should be trained to protect their health and to perform their normal duties in a safe manner. They must also be trained to conduct the proper notifications to the NRC and to immediately intervene to mitigate a release once it has occurred.

8.3.1 Personnel Training

The supervisor should ensure that site release clean up team personnel are all properly trained. At a minimum, personnel should be trained to the hazardous material technician level found in 29 CFR 1910.120 (q) (iii). This level of training would also allow them to meet the criteria for post-emergency response operations as outlined in 29 CFR 1910.120(q)(11) for post-emergency recovery operations on facility property. All release clean up personnel should receive an initial training session and annual refresher training. New employees should not participate in emergency response activities until they have been properly trained. At least quarterly, the supervisor should conduct safety sessions that cover the hazard and response elements of the facility response plan.

The supervisor may use a contracted training organization to meet these requirements. If used, the supervisor will ensure that the contracted training organization's instructors are qualified to conduct the training according to 29 CFR 1910.120(q) (7). As part of the training, the contracted training organization should:

- Include a written examination at the end of their training session to demonstrate that the students have the knowledge requirements necessary to perform their roles during an hazardous release.
- Conduct an exercise to evaluate the proficiency of County personnel to implement their portion of the response plan.

A sample training log is shown below:

Personnel Response Training Log

[illegible]

8.3.1.1 OSHA Training Requirements

OSHA has promulgated training requirements in 29 CFR 1910.120 that fully apply to release response operations.

Table 8.3.1.1 outlines the response training plan for identified response personnel. The plan addresses USCG guidelines and OSHA training requirements in 29 CFR 1910.120 for personnel engaged in emergency response operations.

TABLE 8.3.1.1
FACILITY RESPONSE PERSONNEL TRAINING REQUIREMENTS

Type Of Responder	Applicable Personnel	Minimum Training Required
INCIDENT COMMANDER/ QUALIFIED INDIVIDUAL	IC and designated assistants	24-HR COURSE (includes material of "First Responder Operations Level" course) AND EMPLOYER-CERTIFIED COMPETENCY IN KEY KNOWLEDGE AND SKILLS
FIRST RESPONDER OPERATIONS LEVEL (DEFENSIVE-RESPONSE-ONLY PERSONNEL; responders only qualified for containment and control)	Immediate Response Team members	8-HR COURSE OR EMPLOYER-CERTIFIED COMPETENCY IN KEY SUBJECTS (see 29 CFR 1910.120(q)(6)(ii))
FIRST RESPONDER AWARENESS LEVEL (DISCOVERY-AND-REPORTING-ONLY PERSONNEL; anyone likely to discover a release and trained to report releases, but who takes no further action)	Building Emergency Coordinators and other personnel who routinely work with hazardous substances	BASIC TRAINING OR EXPERIENCE IN HAZARDOUS SUBSTANCES (to understand hazardous substance hazards, risks, possible damage; be able to report any releases appropriately; see 29 CFR 1910.120(q)(6)(i))
HAZARDOUS MATERIALS TECHNICIAN (OFFENSIVE RESPONSE PERSONNEL; responders qualified to stop release at its source by plugging, patching)	Immediate Response Team members and Emergency Response/Cleanup Team members	24-HR COURSE (includes material of "First Responder Operations Level" course) AND EMPLOYER-CERTIFIED COMPETENCY IN KEY SUBJECTS (see 29 CFR 1910.120(q)(6)(iii))
HAZARDOUS MATERIALS SPECIALIST (SENIOR OFFENSIVE RESPONSE PERSONNEL; responders qualified to do the work of the "Hazardous Materials Technician", but on a more specialized level, and to act as liaison with authorities)	Senior Immediate Response Team members	24-HR COURSE (same as "Hazardous Materials Technician" course) AND EMPLOYER-CERTIFIED COMPETENCY IN KEY SUBJECTS THAT EXTEND BEYOND TECHNICIAN LEVEL (see 29 CFR 1910.120(q)(6)(iv))
SPECIALIST EMPLOYEES (HS-TRAINED SPECIALISTS IN SPECIFIC SUBSTANCES; employees who regularly work with SPECIFIC hazardous substances and who may provide advice or assistance during response)	As required for specific areas of the Activity	ANNUAL TRAINING OR ANNUAL DEMONSTRATION OF COMPETENCY (see 29 CFR 1910.120(q)(5))

OSHA establishes training by type of responder, not by course, e.g., Hazardous Materials Technicians and Specialists would take the same 24-hr course, but the Specialist must have more in-depth knowledge (presumably gained by experience or other training).

All personnel (except skilled support and specialist employees) must have ANNUAL refresher training or demonstration of competency (no minimum number of hours are stated) and a minimum for 40 hours of HAZWOPER training.

SECTION 9: Diagrams/Figures

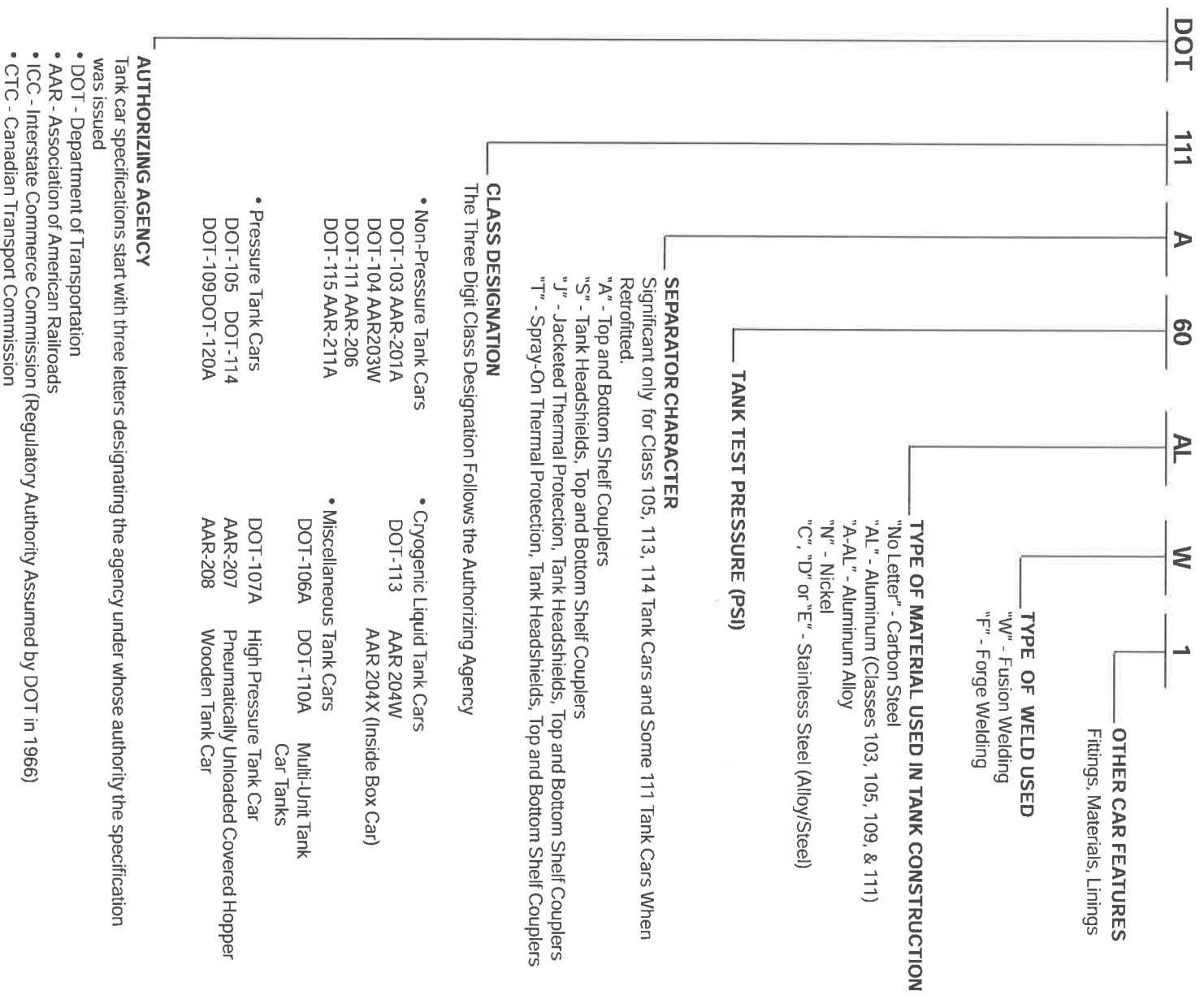
This section provides various diagrams and/or figures to aid in emergency response efforts, including rail car silhouettes, site and rail car photos, and other miscellaneous maps.



9.1 RAIL CAR SILHOUETTES

SECTION 9: DIAGRAMS/FIGURES

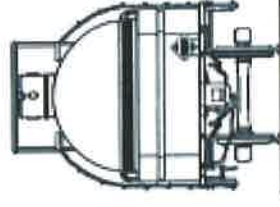
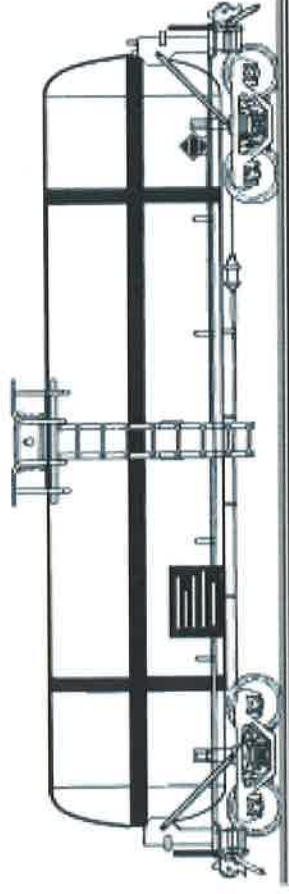
Railroad Tank Car Marking System



Pressure Cars

Pressure cars are used to transport hazardous materials under pressure or hazardous materials which the DOT or the shipper feel require the additional protection of a stronger car. The most common types of pressurized cars used in rail transportation are the DOT 105, 112 and 114. **Drawings of 105's and 112's can be found in this Appendix.** The DOT 114 is the same as the DOT 112 except that the 112 has bottom outlets and washouts. DOT Car Types 107 And 109 are also pressurized cars. DOT Types 106 and 110 pressurized, multi-unit tank cars are one-ton cylinders which can also be transported by highway. As a general rule, safety valves are set at a pressure to match vapor pressure of product at 105° F.

TANK DESCRIPTION		TYPICAL COMMODITIES TRANSPORTED (typical commodities only listed, there may be others)
A-3 — Class 105		
DOT 105J100W	Thermal Protection. Head Protection. Safety Valves (75 psi).	Ethylene Oxide Liquefied Petroleum Gas Liquefied Hydrocarbon Gas
DOT 105J200W	Thermal Protection. Head Protection. Safety Valve (150 psi).	Sulfur Dioxide Vinyl Chloride Liquefied Petroleum Gas
DOT 105J300W	Thermal Protection. Head Protection. Safety Valve (225 psi).	Anhydrous Hydrofluoric Acid Anhydrous Ammonia Metallic Sodium Chlorine Liquefied Petroleum Gas Liquefied Hydrocarbon Gas Motor Fuel Anti-Knock Compound Vinyl Chloride
DOT 105J400W	Thermal Protection. Head Protection. Safety Valve (300 psi).	Liquefied Petroleum Gas Liquefied Hydrocarbon Gas
DOT 105A500W - Hydrogen Cyanide (Hydrocyanic Acid), HCN		



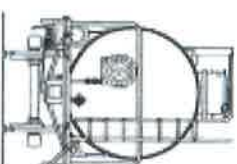
B-END

Hydrogen Cyanide is shipped in specially built cars. Pictured is a 105A500W 20,500-gallon capacity. Other cars used are the 105A600W and the 105J600W. For safety purposes, the cars may be stenciled as 300W, but have the higher-pressure safety valves. These cars have a 1-1/8" thick inner shell, 4" of cork insulation and a 1/4" outer shell. **Some HCN cars will be painted white with the red bands or "candystripes."**

TANK DESCRIPTION

TYPICAL COMMODITIES TRANSPORTED
(typical commodities only listed, there may be others)

DOT 105A500W Insulated — Carbon Dioxide Service

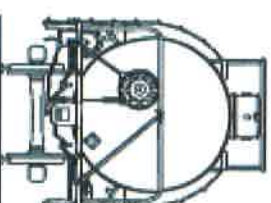
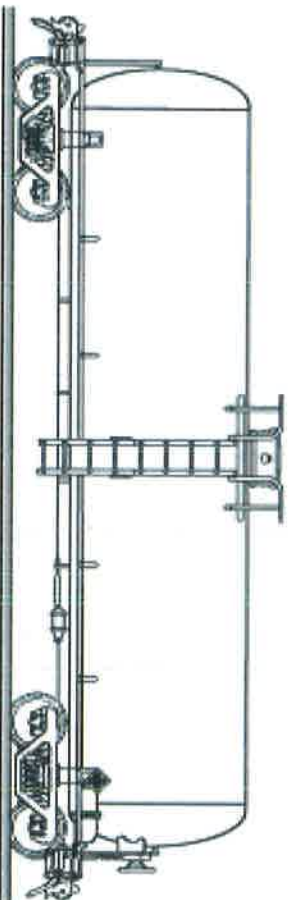


20,000 GALLON CAPACITY - INSULATED

DOT 105A500W
FOR CARBON DIOXIDE SERVICE
(PRE 1983)

B-END

DOT 105A500W Insulated — Chlorine Service



B-END

90 TON CAPACITY - INSULATED
DOT 105A500W
FOR CHLORINE SERVICE
(POST 1982)

Insulated.
Safety Valve (375 psi) (350 psi on Carbon Dioxide Cars)

Chlorine
Carbon Dioxide
Anhydrous Hydrofluoric Acid

DOT 105J500W
Thermal Protection.
Head Protection
Safety Valve (375 psi)

Liquefied Petroleum Gas
Liquefied Hydrocarbon Gas

DOT 105A600W
Insulated.
Safety Valve (450 psi) (400 psi on Carbon Dioxide Cars).

Carbon Dioxide

DOT 105J600W
Thermal Protection.
Head Protection.
Safety Valve (450 psi)

Liquefied Petroleum Gas
Liquefied Hydrocarbon Gas

DOT 105A100ALW
Insulated.
Safety Valve (75 psi).

Fertilizer Ammoniating Solution
(Ammonium Nitrate Solution)

TANK DESCRIPTION **TYPICAL COMMODITIES TRANSPORTED**
(typical commodities only listed, there may be others)

DOT 105A200ALW Insulated. Safety Valve (150 psi).	Fertilizer Ammoniating Solution (Ammonium Nitrate Solution)
DOT 105A300ALW Insulated. Safety Valve (225 psi).	Fertilizer Ammoniating Solution (Ammonium Nitrate Solution)
A-4 — Class 106A (Similar to 110A Tanks)	
DOT 106A500X Multiple Unit with Removable Steel Uninsulated Tanks. Each Tank equipped with Loading and Discharge Valve & Safety Valve or Vent Set for Pressure not Exceeding 375 psi. Popular Name is "Ton Container".	Chlorine Anhydrous Ammonia Sulfur Dioxide Butadiene Refrigerant or Dispersant Gases
DOT 106A800X Multiple Unit with Removable Steel, Uninsulated Tanks Mounted on Underframe. Popular name is "Ton Container". Each Tank equipped with Loading and Discharge Valves & Safety Vent Set for Pressure not Exceeding 600 psi.	Nitrosyl Chloride
A-5 — Class DOT 107A	
DOT 107A***** Multiple Unit Uninsulated High Pressure Seamless Forged & Drawn Steel Tanks. About 30 Permanently Mounted on Underframe	Helium Hydrogen Oxygen
A-6 — Class DOT 109A	
DOT 109A300W Non-Insulated or Insulated. Safety Valve (225 psi).	Nitrogen Fertilizer Solution (Ammonium Nitrate Solution) or 115° F [non-insulated])
DOT 109A100ALW Non-Insulated or Insulated. .Safety Valve (75 psi).	Nitrogen Fertilizer Solution (Ammonium Nitrate Solution)
DOT 109A200ALW Non-Insulated or Insulated Safety Valve (150 psi).	Nitrogen Fertilizer Solution (Ammonium Nitrate Solution)
DOT 109A300ALW Non-Insulated or Insulated. Safety Valve (225 psi).	Nitrogen Fertilizer Solution Ammonium Nitrate Solution)
A-7 — Class DOT110A (Similar to 106A Tanks)	
DOT 110A500W Multiple Unit with Removable Steel Tanks Mounted on Underframe. Popular name is "Ton Container". Each Tank equipped with Loading & Discharge Valves & Safety Valve or Vent Not Exceeding 375 psi	Sulfur Dioxide Refrigerants
DOT 110A800W Multiple Unit with Removable Steel Tanks Mounted on Underframe. Popular name is "Ton Container". Each Tank equipped with Loading & Discharge Valves & Safety Valve or Vent Not Exceeding 600 psi	Monobromotrifluoromethane
A-9 — Class DOT 111A 112A, 112S, 112J, 112T	
DOT 112A200W Non-Insulated (Upper 2/3 of Tank Must be painted with Light-Reflective Paint). Safety Valve (150 psi).	Ethyl Chloride
DOT 112A340W Non-Insulated (Upper 2/3 of Tank Must be painted with Light-Reflective Paint). Safety Valve (225 psi); Alternate setting 280.5 psi for Certain Commodities	
DOT 112S340W Same as DOT 112A340W Except Equipped with Head Protection	Anhydrous Ammonia
DOT 112J340W Same as DOT 112A340W Except Equipped with Head Protection and a Thermal Protection Enclosed in a Metal Jacket. No Reflective Paint Required	Liquefied Petroleum Gas

TANK DESCRIPTION**TYPICAL COMMODITIES TRANSPORTED**
(typical commodities only listed, there may be others)**DOT 112T340W**

Same as DOT 112A340W Except Equipped with Head Protection and a Non-Jacket Thermal Protection System. No Reflective Paint Required.

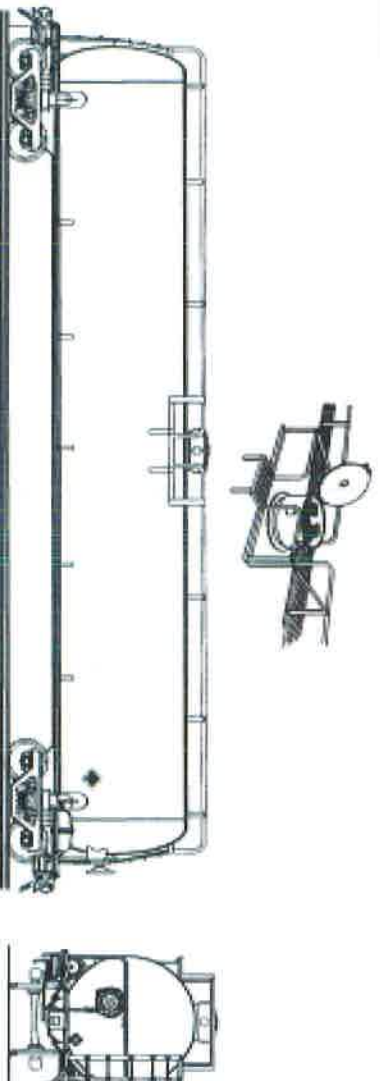
DOT 112A400W

Non-Insulated (Upper 2/3 of Tank Must be painted with Light-Reflective Paint). Safety Valve (300 psi). Alternate setting 330 psi for Certain Commodities

DOT 112S440W

Same as DOT 112T400W Except Equipped with Head Protection.

Anhydrous Ammonia

DOT 112J400W

Same as DOT 112T400W Except Equipped with Head Protection and a Thermal Protection System. Enclosed in a Metal Jacket. No Reflective Paint Required.

33,500 GALLON CAPACITY - NON INSULATED
DOT 112J400W
FOR PROPYLENE LIQUEFIED PETROLEUM GAS
AND ANHYDROUS AMMONIA SERVICE
Liquefied Petroleum Gas
(V.P.) Not Exceeding 300 psi @ 115° F
Vinyl Chloride

DOT 112T400W

Same as DOT 112T400W Except Equipped with Head Protection and a Non-Jacket Thermal Protection System. No Reflective Paint Required.

DOT 112A500W

Non-Insulated (Upper 2/3 of Tank Must be painted with Light-Reflective Paint). Safety Valve (375 psi).

DOT 112S500W

Same as DOT 112A500W Except Equipped with Head Protection.

Anhydrous Ammonia

DOT 112J500W

Same as DOT 112A500W Except Equipped with Head Protection and a Thermal Protection System. Enclosed in A Metal Jacket No Reflective Paint Required.

Liquefied Petroleum Gas
Vinyl Chloride

DOT 112T500W

Same as DOT 112A500W Except Equipped with Head Protection and a Non-Jacketed Thermal Protection System. No Reflective Paint Required.

A-10 — Class 113 (Similar to AAR204W)**DOT 113A60W**

Insulated.

Hydrogen

Safety Valve (30 psi) (On Tank).

Safety Vent (60 psi) (On Tank).

Safety Vent (16 psi) (On Outer Shell).

DOT 113A175W (Obsolete for New Construction, 10-1-84)

Insulated.

Gauging Device.

Safety Valve (115 psi) (On Tank).

Safety Vent (175 psi) (On Tank).

Safety Vent (16 psi) (On Outer Shell).

TYPICAL COMMODITIES TRANSPORTED
(typical commodities only listed, there may be others)

TANK DESCRIPTION

A-11 — Class 114A, 114S, 114J and 114T

DOT 114A340W

Non-Insulated (Upper 2/3 of Tank Must be painted with Light-Reflective Paint). Manway and Cover May Not be Located at Top of Tank. Safety Valve (225 psi). Alternate Setting 280.5 psi for Certain Commodities. Bottom Outlet or Washout Optional.

DOT 114S340W

Same as DOT 114A340W Except Equipped with Head Protection. Anhydrous Ammonia

DOT 114J340W

Same as DOT 114A340W Except Equipped with Head Protection and a Thermal Protection System. Enclosed in a Metal Jacket. No Reflective Paint Required. Liquefied Petroleum Gas

DOT 114T340W

Same as DOT 114A340W Except Equipped with Head Protection and a Non-Jacketed Thermal Protection System. No Reflective Paint Required.

DOT 114A400W

Non-Insulated (Upper 2/3 of Tank Must be painted with Light-Reflective Paint). Manway and Cover May Not be Located at Top of Tank. Valve and Fittings on Top of Tank. Safety Valve (300 psi). Alternate Setting 330 psi for Certain Commodities.

DOT 114S400W

Same as DOT 114A400W Except Equipped with Head Protection. Anhydrous Ammonia

DOT 114J00W

Same as DOT 114A400W Except Equipped with Head Protection and a Thermal Protection System Enclosed in a Metal Jacket. No Reflective Paint Required. Liquefied Petroleum Gas

DOT 114T400W

Same as DOT 114A400W Except Equipped with Head Protection and a Non-Jacketed Thermal Protection System. No Reflective Paint Required.

AAR TANK CARS: AAR tank cars are for non-regulated commodity services. Most AAR tank cars have DOT counter parts.

B-1 — Class AAR 203

AAR 203W (Obsolete for New Construction)

Non-Insulated or Insulated. Safety Valve (35 psi) or Safety Vent (45 psi). These Cars Conform, with Certain Exceptions, to Class DOT 103W.

Vegetable Oils
Fish Oils
Wine
Clay
Latex

B-2 — Class AAR 204 (Similar to DOT 113A)

AAR 204W

Insulated. Safety Valve (38 psi) (On Tank). Safety Vent (45 psi) (On Tank). Safety Vent (17 psi) (On Outer Shell)

Liquid Argon
Liquid Nitrogen
Liquid Oxygen

B-3 — Class AAR 206 (Similar to DOT 115A)

AAR 206W

Tank Cars are Insulated Non-Pressure having an Inner Container. These cars conform, with Certain Exceptions, to Class DOT 115A.

AAR207A ** AW — AAR207A ** ALW

Non Insulated or Insulated. Special Granular Non-Regulatory Commodities. Designed for 15 PSIG Minimum Internal Pressure.

Cement
Granular Commodities

ICC TANK CARS

Beginning in 1968, the currently effective ICC tank car classes were redesigned DOT. However, the marking on existing cars of the affected classes is optional and the majority are still marked ICE. (Tank cars of classes no longer effective for new construction, such as riveted and forge welded, remain with ICC markings. For characteristics and typical commodities, see the corresponding DOT classes)

THE PRECEDING MATERIAL WAS MEANT TO PROVIDE A GENERAL DESCRIPTION ONLY, NOT COMPLETE SPECIFICATIONS.

* Cars built prior to January 1, 1959, may be equipped with (2) 25 psi safety valves.

Non-Pressure Cars

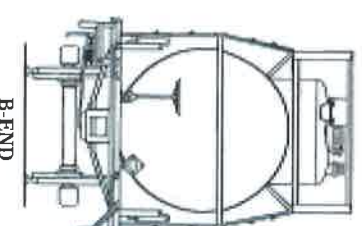
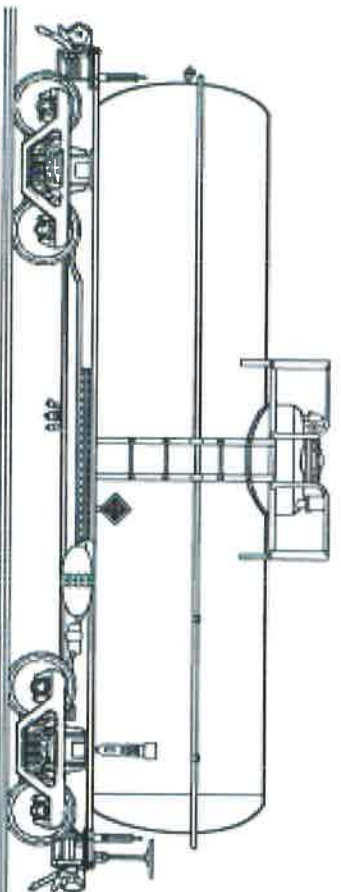
DOT Car Types 103, 104, 111, 115 And AAR Car Types 204, 206 And 211 Are Non-Pressure Cars. These Cars Are Used To Transport Commodities Such As Corn Syrup, Edible Oils And Other General Commodities As Well As A Variety Of Hazardous Materials. *The Most Commonly Used Non Pressure Cars Are Types 103 And 111. Drawings Of Several (Not All) Of These Two Types Are Found In This Appendix.*

TANK DESCRIPTION

TYPICAL COMMODITIES TRANSPORTED
(typical commodities only listed, there may be others)

A-1 — Class 103

DOT 103W



10,000 GALLON CAPACITY - INSULATED
FOR GENERAL SERVICE COMMODITIES

Non-Insulated or Insulated.
General Service.
Safety valves (35' psi) or Safety Vent (60 psi)

Phosphorus, Benzene, Gasoline, Vegetable Oil, Caustic Soda,
Fuel Oil, Alcohol

DOT 103AW

Non-Insulated or Insulated.
Acid Service.
Safety valves (35' psi) or Safety Vent (60 psi).

Sulfuric Acid
Oleum
Aqueous Hydrofluoric Acid 60% to 80%
Titanium Tetrachloride

DOT 103ANW

Non-Insulated or Insulated.
Safety Valve (35* psi) or Safety Vent (60 psi).

Phosphorous Oxychloride
Phosphorus Trichloride
Benzyl Chloride
Chloroacetyl Chloride

DOT 103ALW

Non-Insulated or Insulated.
Safety Valves (35' psi) or Safety Vent (60 psi).

Acetic Acid, Acetic Anhydride,
Acrylonitrile, Ethylene Glycol,
Glycerine, Butyraldehyde,
Hydrogen Peroxide (Under 52% by weight), Fatty Acids

DOT 103A-ALW

Non-Insulated or Insulated.
Safety Valves (35' psi) or Safety Vent (60 psi).

Hydrogen Peroxide
Hydrazine
Nitric Acid (80% or more)

DOT 103BW

Non-Insulated or Insulated.
Rubber Lined Tank.
Safety Vent (60 psi).

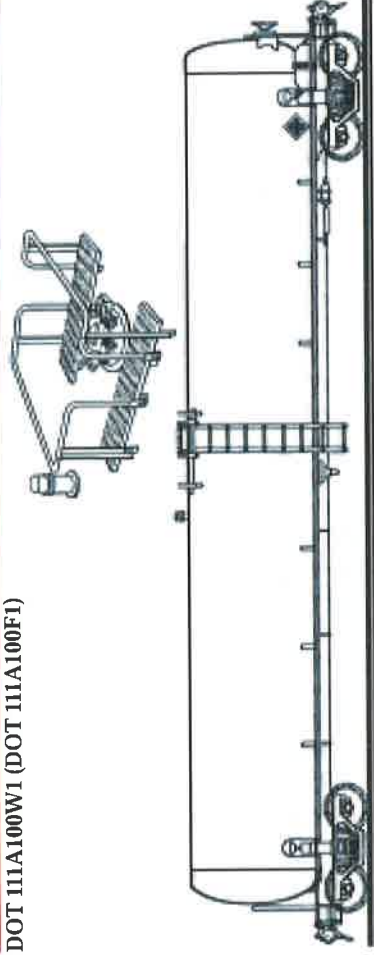
Hydrochloric Acid not over 38% by weight
Zinc Chloride
Phosphoric Acid
Ferric Chloride
Aluminum Sulfate

* Cars built prior to January 1, 1959, may be equipped with (2) 25 psi safety valves.

** Cars built prior to January 1, 1959, may be equipped with 45 psi safety valve.

TANK DESCRIPTION**TYPICAL COMMODITIES TRANSPORTED**
(typical commodities only listed, there may be others)

DOT 103CW Non-Insulated or Insulated. Safety Valve (35** psi)	Nitric Acid Hydrazine Chlorosulfonic Acid Formic Acid
DOT 103DW Non-Insulated Or Insulated. Safety Valve (35* psi).Or Safety Vent (60 psi)	Acetic Acid, Whiskey Ethyl Alcohol, Caramel Fruit Juices, Vegetable Juices
DOT 103EW Non-Insulated or Insulated. Safety Valve (35* psi) or Safety Vent (60 psi).	Phosphoric Acid Chlorosulfonic Acid Diisooctyl Acid Phosphate
A-2 — Class 104	
DOT 104W Insulated. Safety Valves (35* psi) or Safety Vent (60 psi)	Ethyl Ether Casinghead Gasoline Refined Vegetable Oils
A-8 — Class DOT111A	
DOT 111A60W1 (DOT 111A60F1) * Non-Insulated or Insulated. Safety Valve (35 psi) or Safety Vent (60 psi).	Benzene Gasoline Alcohol Caustic Soda Fuel Oil
DOT 111A60W2 Non-Insulated or Insulated. Safety Valve (35 psi) (Required on Certain Commodities) or Safety Vent (60 psi).	Aqueous Hydrofluoric Acid, 60% to 80% Mixed Acid Sulfuric Acid Titanium Tetrachloride
DOT 111A60W5 Non-Insulated or Insulated. Rubber Lined Tank. Safety Vent (60 psi).	Hydrochloric Acid not over 38% by weight Phosphoric Acid Aluminum Sulfate
DOT 111A60W7 Non-Insulated or Insulated. Safety Valve (35 psi) or Safety Vent (60 psi)	Oleum
DOT 111A60ALW1 Non-Insulated or Insulated. Safety Valve (35 psi) or Safety Vent (60 psi)	Acetic Acid, Acetic Anhydride, Acrylonitrile, Fatty Acids Ethylene Glycol, Glycerine, Butraldehyde, Hydrogen Peroxide (under 52% by Weight)
DOT 111A100W1 (DOT 111A100F1)	



B-END

26,000 GALLON CAPACITY - NON INSULATED
DOT - 111A100W1
FOR GENERAL SERVICE COMMODITIES
.2181"/FT TOP & BOTTOM SLOPE

Non-Insulated or Insulated.
Safety Valve (75 psi) or Safety Vent (100 psi)

Kerosene, Gasoline, Fuel Oil,
Vegetable Oils, Phosphorus

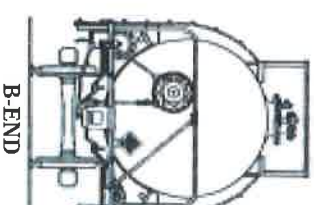
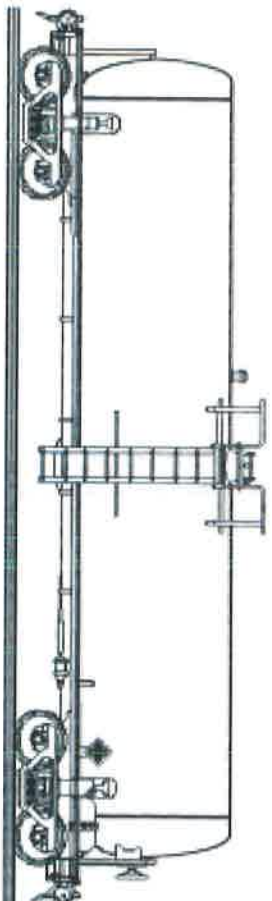
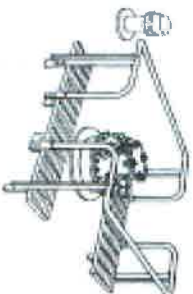
* Cars built prior to January 1, 1959, may be equipped with (2) 25 psi safety valves.

** Cars built prior to January 1, 1959, may be equipped with 45 psi safety valve.

TANK DESCRIPTION

TYPICAL COMMODITIES TRANSPORTED
(typical commodities only listed, there may be others)

DOT 111A100W2 (DOT 11A100F2)*



B-END

13,600 GALLON CAPACITY - NON INSULATED
DOT - 111A100W2
FOR SULFURIC ACID SERVICE
(POST_1982)

Safety Valve (75 psi) or Safety Vent (100 psi)
Non-Insulated or Insulated.
Safety Valve (75 psi) (Required on Certain
Commodities) or Safety Vent (100 psi)

Vegetable Oils, Phosphorus, Aqueous Hydrofluoric
Acid (60% to 80%), Mixed Acid, Sulfuric Acid

DOT 111A100W3

Insulated.

Safety Valve (75 psi) or Safety Vent (100 psi)

Casinghead Gasoline, Ethyl Ether

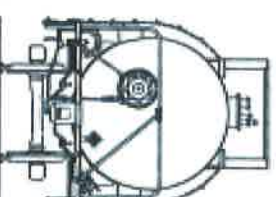
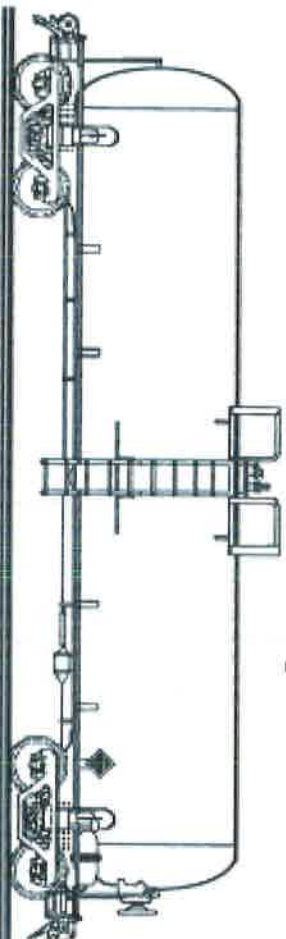
DOT 111A100W4

Insulated.

Safety Valve (75 psi).

Aqua Ammonia Solution containing Anhydrous Ammonia

DOT 111A100W5



B-END

20,000 GALLON CAPACITY - NON INSULATED
DOT - 111A100W5
FOR HYDROCHLORIC ACID SERVICE
(PRE_1983)
Hydrochloric Acid not over 38% by weight,
Phosphoric Acid, Aluminum Sulfate

Non-Insulated or Insulated.
Rubber-Lined Tank.
Safety Vent (100 psi).

TYPICAL COMMODITIES TRANSPORTED
(typical commodities only listed, there may be others)

TANK DESCRIPTION

DOT 111A100W6

Non-Insulated or Insulated.
Safety Valve (75 psi) or Safety Vent (100 psi).

Acetic Acid, Caprolactam, Hydrazine,
Fruit Juices, Vegetable Juices, Whiskey

A-12— DOT115A (Similar to AAR206W)

DOT 115A60W1

Insulated (Tank-Within-A-Tank)
Safety Valve (35 psi) or Safety Vent (45 psi).

Latex, Methyl Methacrylate (Proposed)

DOT 115A60W6

Insulated (Tank-Within-A-Tank).
Safety Valve (35 psi) or Safety Vent (45 psi).

Caramel Coloring, Corn Syrup

DOT 115A60ALW

Insulated (Tank-Within-A-Tank).
Safety Valve (35 psi) or Safety Vent (45 psi).

AAR TANK CARS: AAR tank cars are for non-regulated commodity services. Most AAR tank cars have DOT counter parts.

B-1 — Class AAR 203

B-2 — Class AAR 204 (Similar to DOT 113A)

AAR 204W

Insulated.

Safety Valve (38 psi) (On Tank).

Safety Vent (45 psi) (On Tank).

Safety Vent (17 psi) (On Outer Shell)

Liquid Argon, Liquid Nitrogen, Liquid Oxygen

B-3 — Class AAR 206 (Similar to DOT 115A)

AAR 206W

Tank Cars are Insulated Non-Pressure having an Inner Container. These cars conform, with Certain Exceptions, to Class DOT 115A.

AAR207AAW— AAR207A**ALW**

Non Insulated or Insulated.

Special Granular Non-Regulatory Commodities.

Designed for 15 PSIG Minimum Internal Pressure.

Cement
Granular Commodities

B-5 — Class AAR 208

AAR208

Non-Pressure Cars having Wood Staved Metal Hooped Tanks for the Transportation of Certain Food Stuffs or Other Acidic Products. Safety Relief Devices are Not Required

Vinegar
Pickle Liquor

B-6 — Class AAR 221A

AAR 211A60W1— AAR211A100W1

Non-Insulated or Insulated.

Corn Syrup, Molten Sulfur, Edible & Inedible Oils
Latex, Wine, Glycerol

AAR 211A60W2— AAR 211A100W2

Non-Insulated or Insulated.

Phosphoric Acid, Liquid Alum

AAR 211A100W6

Non-Insulated or Insulated.

Caprolactam

AAR 211A60W7

Non-Insulated or Insulated.

Lactic Acid

AR 211A60ALW1— AAR 211A100ALW1

Non-Insulated or Insulated.

Glycerine, Glycol, Nitrogen Fertilizer Solution

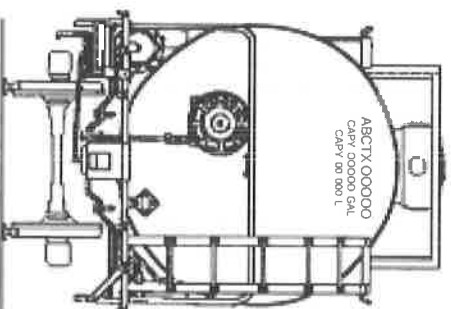
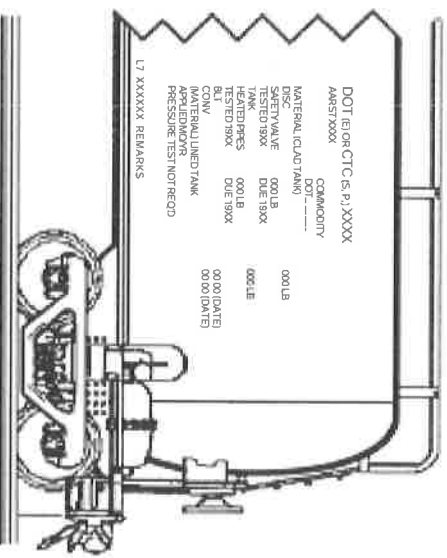
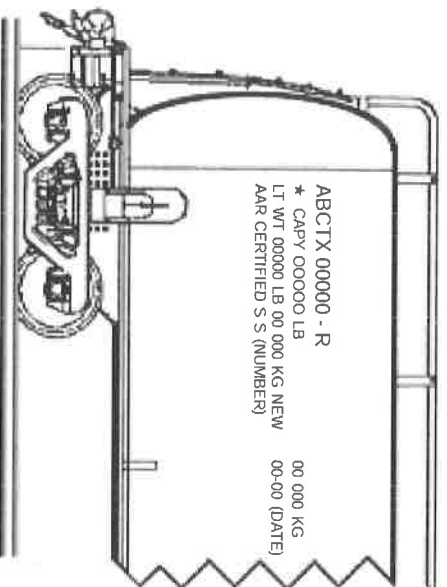
ICC TANK CARS

Beginning in 1968, the currently effective ICC tank car classes were redesigned DOT. However, the marking on existing cars of the affected classes is optional and the majority are still marked ICE. (Tank cars of classes no longer effective for new construction, such as riveted and forge welded, remain with ICC markings. For characteristics and typical commodities, see the corresponding DOT classes)

THE PRECEDING MATERIAL WAS MEANT TO PROVIDE A GENERAL DESCRIPTION ONLY, NOT COMPLETE SPECIFICATIONS.

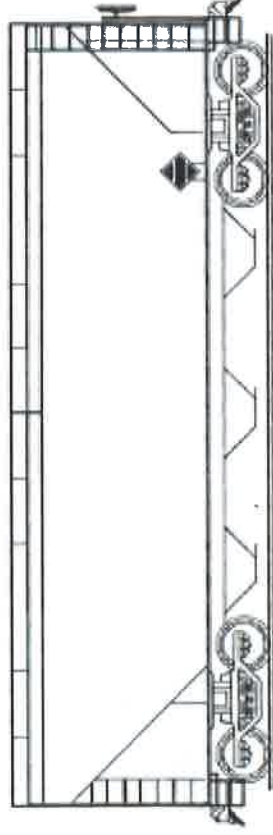
DEPARTMENT OF TRANSPORTATION AND AMERICAN ASSOCIATION OF RAILROADS STENCIL REQUIREMENTS

WATER CAPACITY
00000 LBS
00000 KG
(LOCATED IN AREA OF DOME)



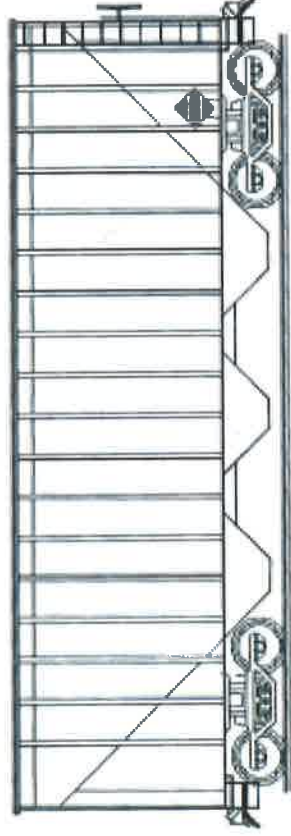
Other Rail Cars

COVERED HOPPER



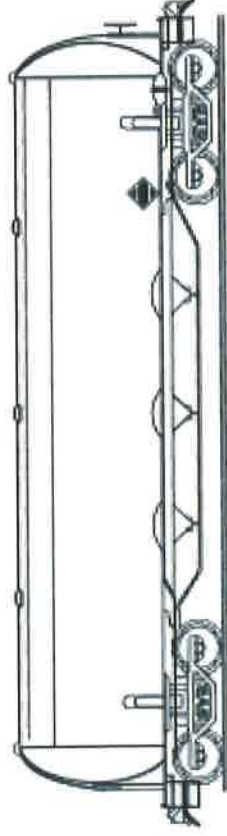
COVERED HOPPER
CARRIES CALCIUM CARBIDE, CEMENT, GRAIN

OPEN TOP HOPPER



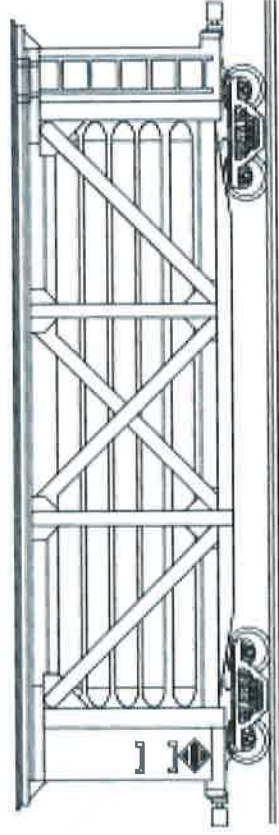
OPEN TOP HOPPER
CARRIES COAL, ROCK, SAND

PNEUMATIC HOPPER



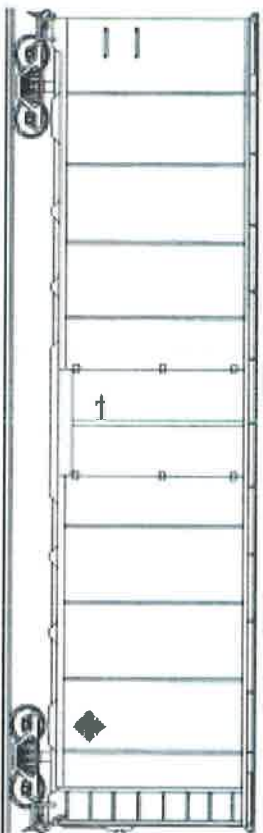
PNEUMATIC HOPPER
CARRIES PLASTIC PELLETS, FLOUR, OTHER FINE-POWDERED MATERIALS

TUBE CAR



TUBE CAR
CARRIES HELIUM, HYDROGEN, METHANE, OXYGEN, OTHER GASES

BOX CAR



BOX CAR

CARRIES ALL TYPES OF MATERIAL AND FINISHED GOODS

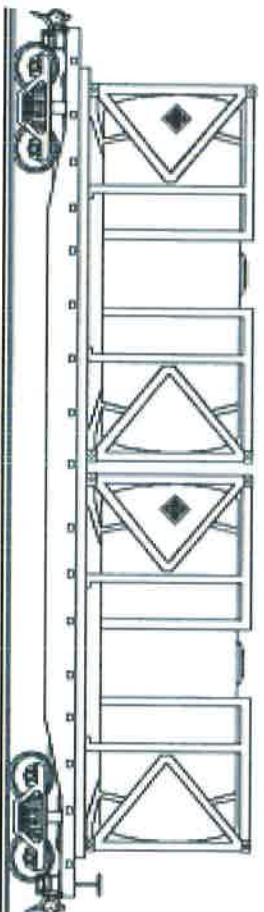
GONDOLA



GONDOLA

CARRIES SAND, ROLLED STEEL AND OTHER PRODUCTS AND MATERIALS THAT DO NOT REQUIRE PROTECTION FROM THE WEATHER

FLAT BED CAR WITH INTERMODAL TANKS



FLAT BED CAR WITH INTERMODAL TANKS

CARRIES VARIOUS PRODUCTS IN CONTAINERS, I.E., ONE-TON CHLORINE CYLINDERS, INTERMODAL CONTAINERS (SHOWN), LARGE VEHICLES, OTHER COMMODITIES THAT DO NOT REQUIRE PROTECTION FROM THE WEATHER

CRYOGENIC CAR



CRYOGENIC CAR

CARRIES LIQUID OXYGEN, LIQUID NITROGEN, LIQUID CARBON DIOXIDE, LIQUID HYDROGEN, OTHER GASES THAT HAVE BEEN LIQUEFIED BY LOWERING THEIR TEMPERATURE



9.2 SITE AND RAIL CAR PHOTOS

SECTION 9: DIAGRAMS/FIGURES

9.2 Site and Rail Car Photos

9.2.1 Norfolk Southern – Dragon Siding



NS – Dragon Siding Entrance



NS – Dragon Siding Yard

9.2.2 Norfolk Southern



NS Yard Office



NS South Entrance

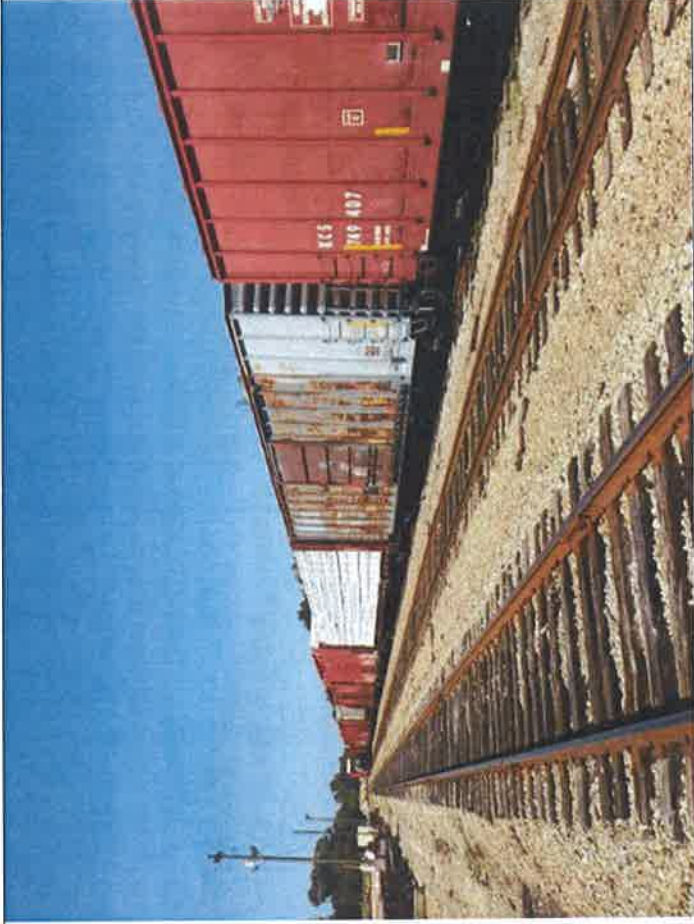


NS North Entrance

9.2.3 Canadian National



CN Office



CN Center Yard



CN North Entrance



CN South Entrance

9.2.4 Kansas City Southern



KCS Siding



9.3 MISCELLANEOUS MAPS

SECTION 9: DIAGRAMS/FIGURES

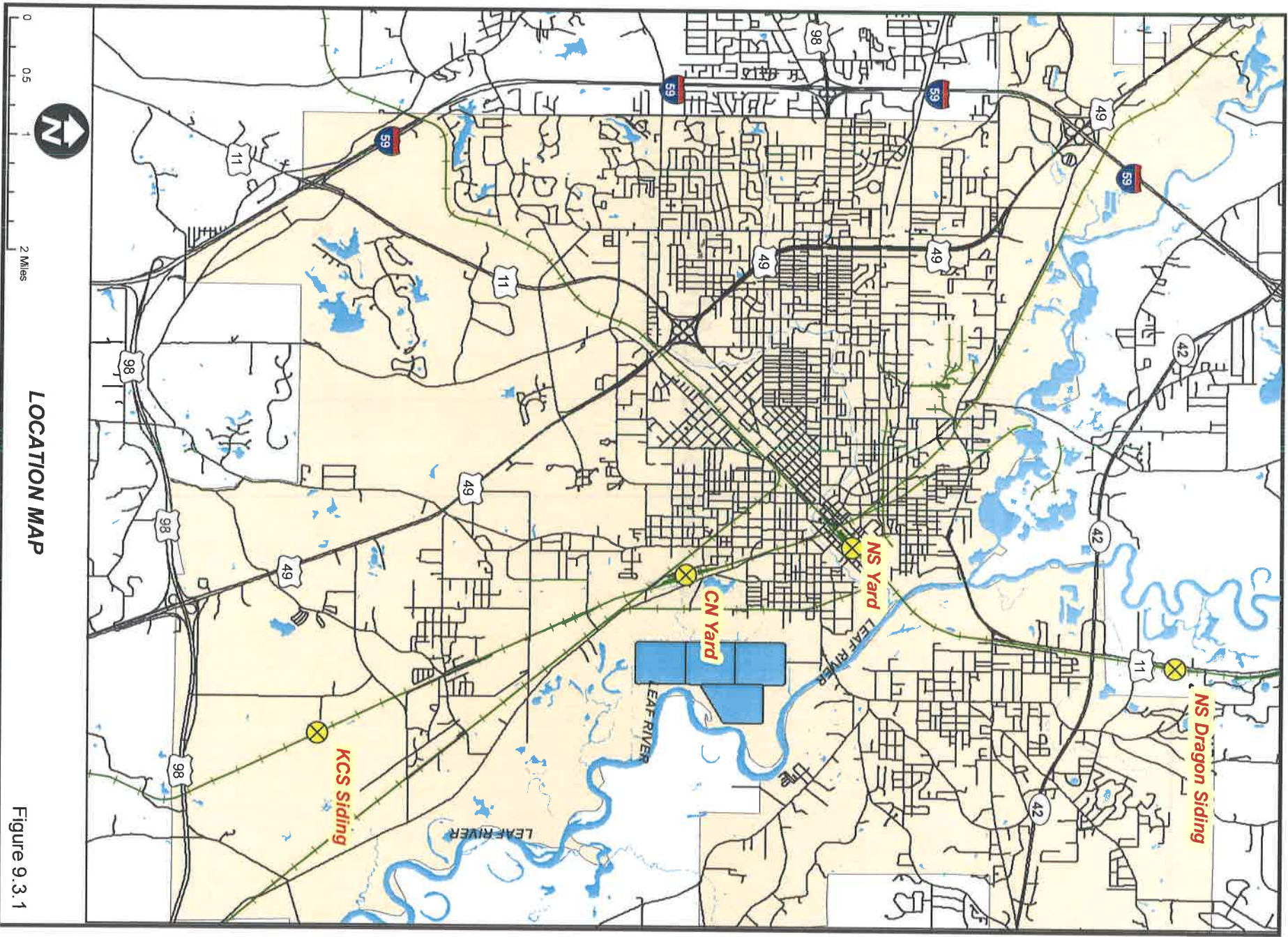
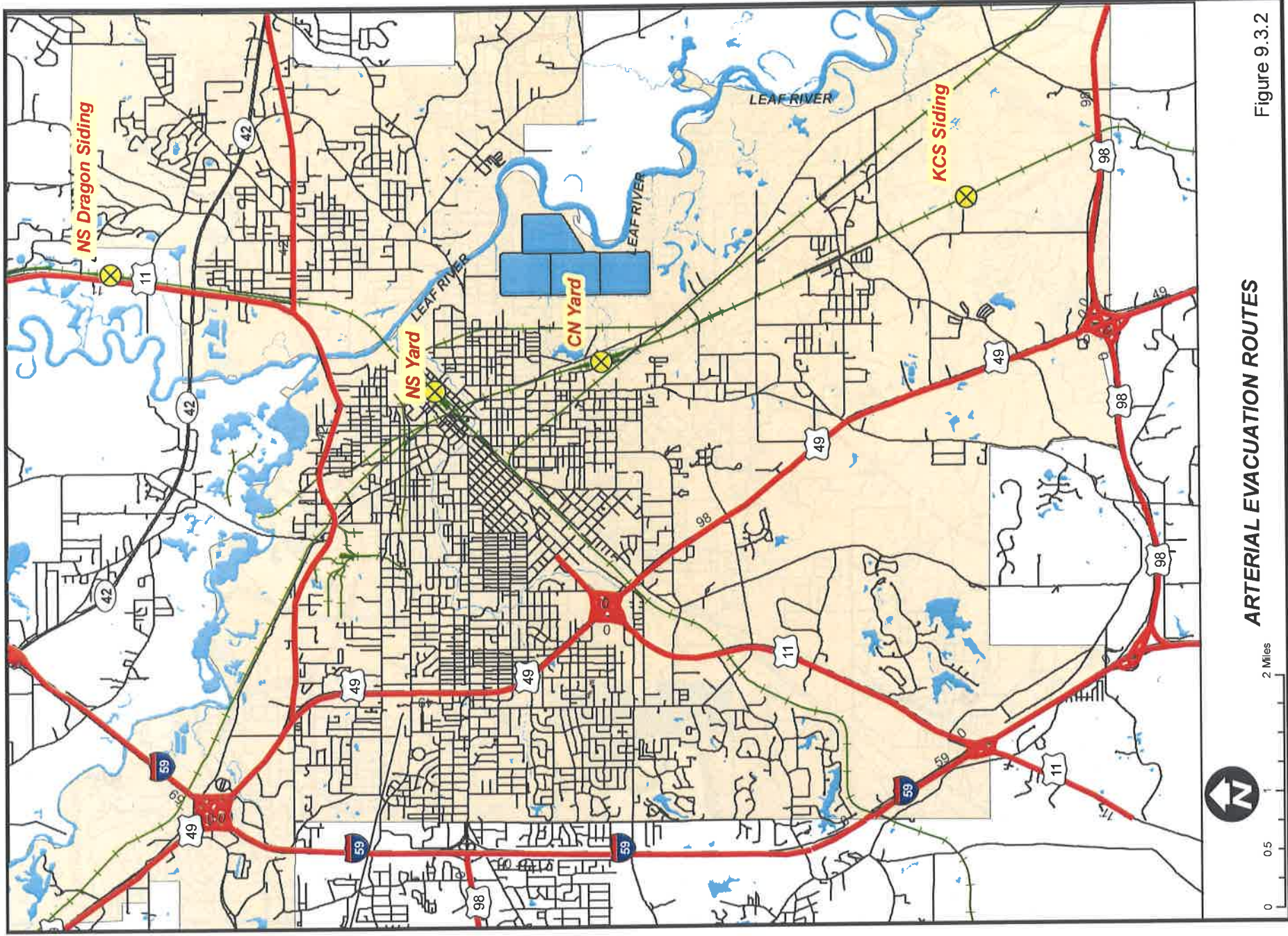


Figure 9.3.1



ARTERIAL EVACUATION ROUTES

Figure 9.3.2

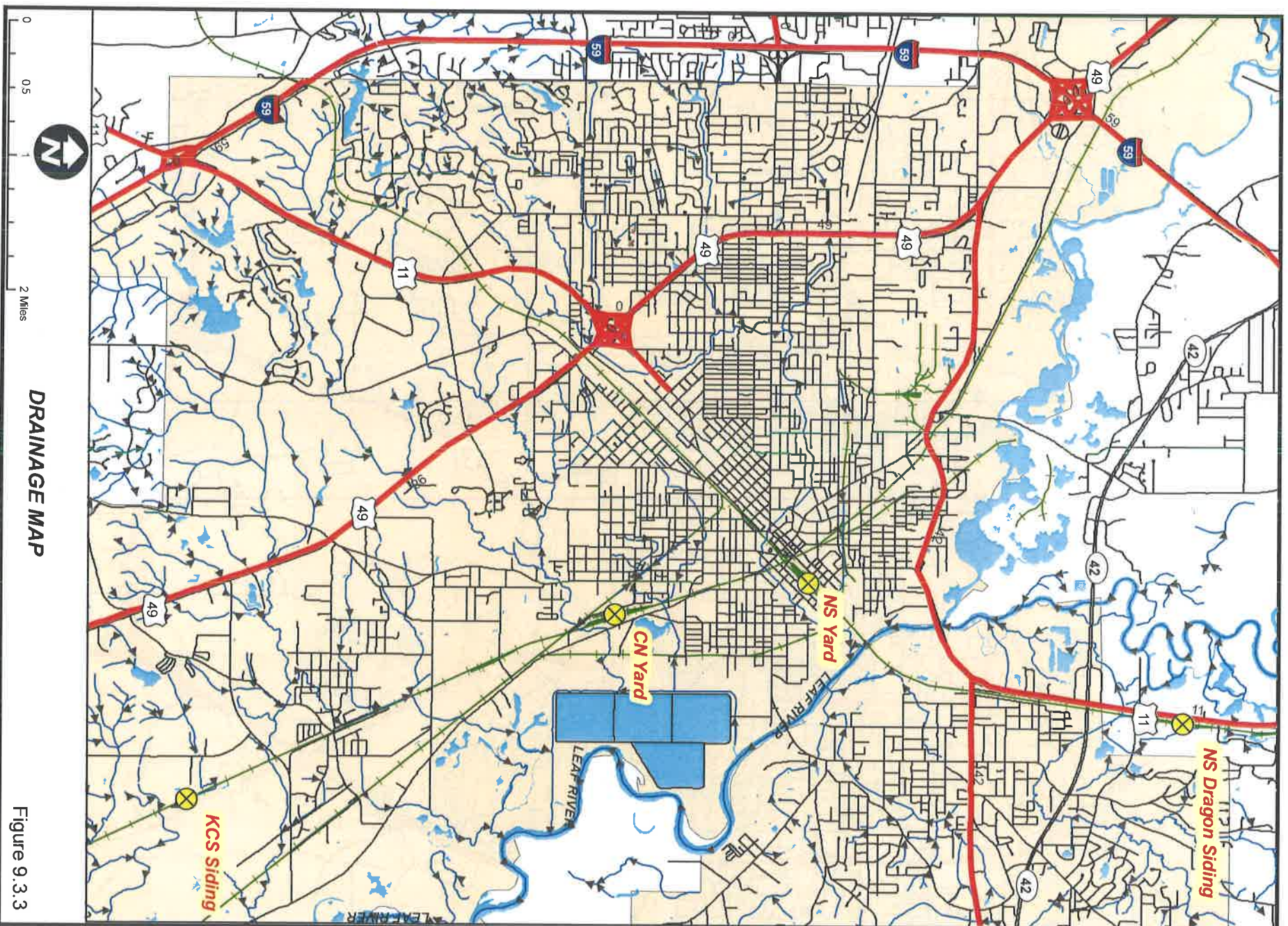
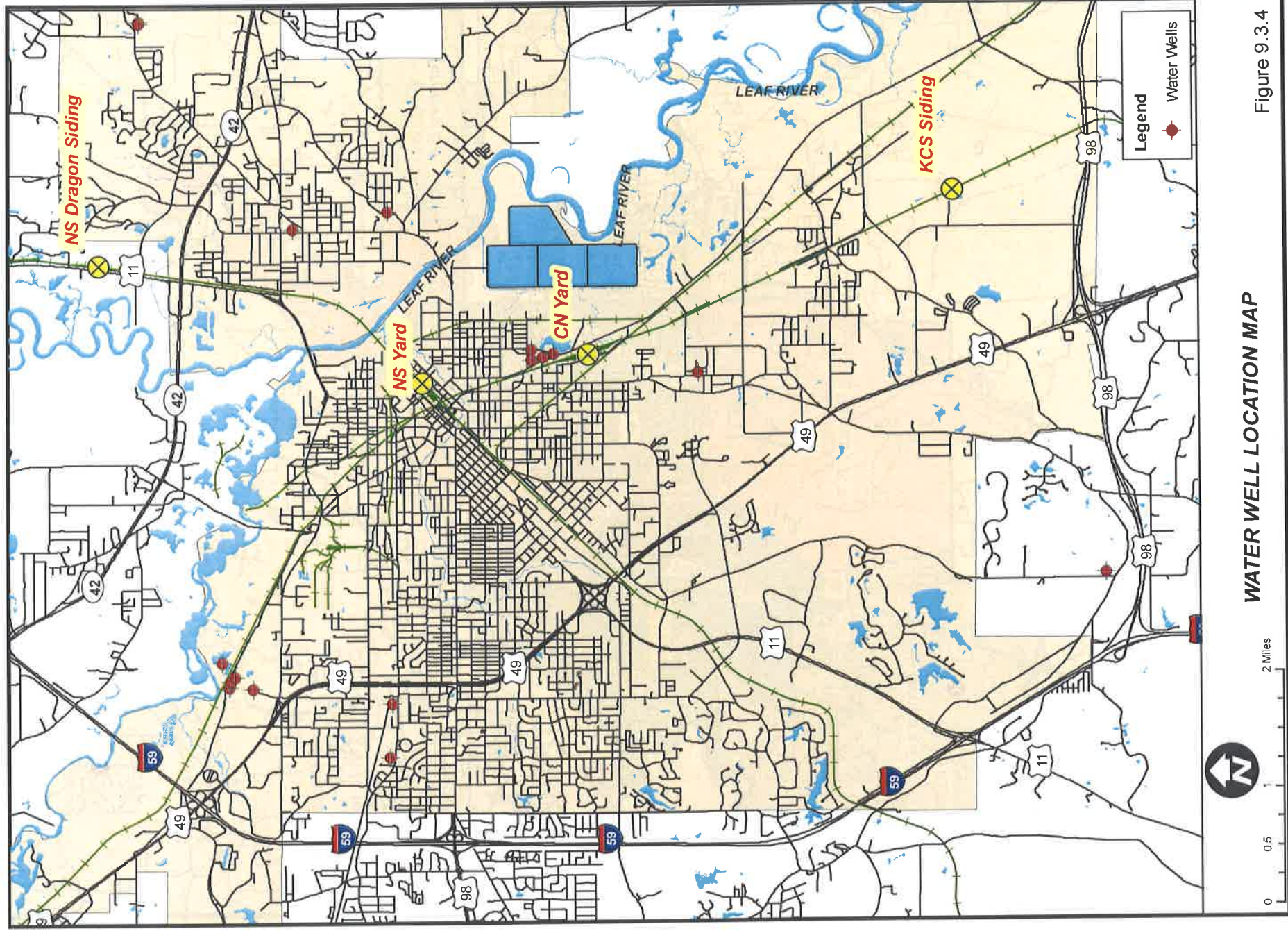
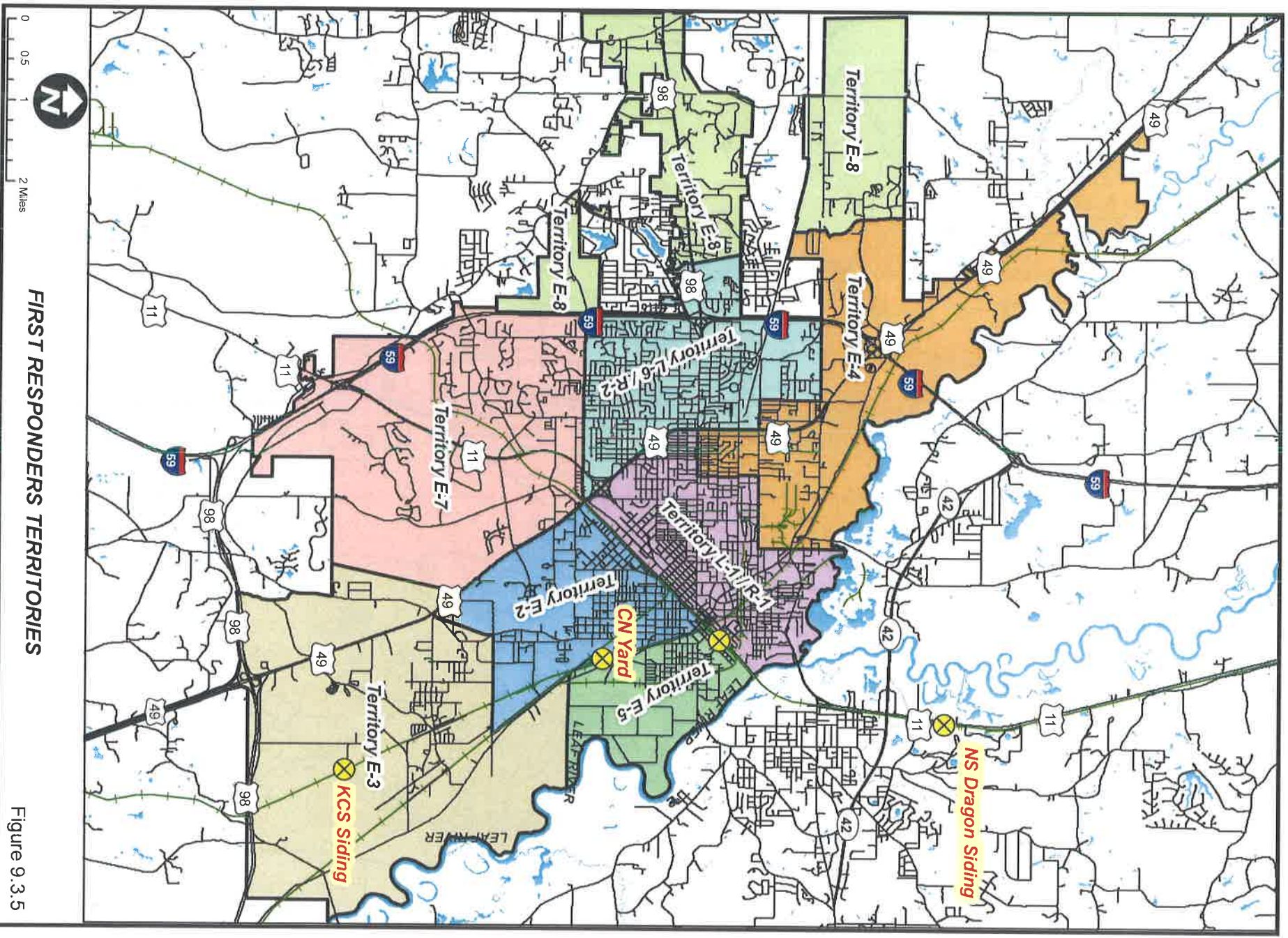


Figure 9.3.3



WATER WELL LOCATION MAP

Figure 9.3.4



FIRST RESPONDERS TERRITORIES

Figure 9.3.5

SECTION 10: SECURITY

10.1 Norfolk Southern – Dragon Siding

According to 40 CFR 112.7(e) (9), facilities are required to maintain a certain level of security, as appropriate. Security involves the deterrence of unauthorized entry of personnel, animals, or vehicles into potential hazardous release areas where such entry could result in the damage or misuse of equipment containing hazardous materials.

The site is typically manned 24/7. The check-in location would be the administration office at the rail yard. The facility usually has at least one railroad employee and may have additional contract employees on site.

Access can be obtained by Highway 11 from the North or South. The site is visible from Highway 11. This site is located just outside Petal city limits, and has no perimeter fencing.

In the event of an emergency, contact NS Police Communications Center at 1-800-453-2530.

10.2 Norfolk Southern

According to 40 CFR 112.7(e) (9), facilities are required to maintain a certain level of security, as appropriate. Security involves the deterrence of unauthorized entry of personnel, animals, or vehicles into potential hazardous release areas where such entry could result in the damage or misuse of equipment containing hazardous materials.

The site is typically manned 24/7. The check-in location would be the administration office at the rail yard. The facility usually has at least one railroad employee and may have additional contract employees on site.

Access can be obtained from Newman St at the Hattiesburg Train Depot, Agnes St., and E Front St. At dusk, security lights are on. Security lights are located throughout the facility and are adequate to assist in the discovery of hazardous releases and to discourage potential vandals from entering the site. The facility is inside Hattiesburg city limits, and has no perimeter fencing.

In the event of an emergency, contact NS Police Communications Center at 1-800-453-2530.

10.3 Canadian National

According to 40 CFR 112.7(e) (9), facilities are required to maintain a certain level of security, as appropriate. Security involves the deterrence of unauthorized entry of personnel, animals, or vehicles into potential hazardous release areas where such entry could result in the damage or misuse of equipment containing hazardous materials.

The site is typically manned 24/7. The check-in location would be the administration office at the rail yard. The facility usually has at least one railroad employee and may have additional contract employees on site.

Access can be obtained from Roy St on the west side of the site, Cypress Ave from the north and Railroad St from the south side. At dusk, security lights are on. Security lights are located throughout the facility and are adequate to assist in the discovery of hazardous releases and to discourage potential vandals from entering the site. The facility is inside Hattiesburg city limits.

In the event of an emergency, contact the CN Police Communications Center at 1-800-465-9239.

10.4 Kansas City Southern

According to 40 CFR 112.7(e) (9), facilities are required to maintain a certain level of security, as appropriate. Security involves the deterrence of unauthorized entry of personnel, animals, or vehicles into potential hazardous release areas where such entry could result in the damage or misuse of equipment containing hazardous materials.

The site is typically unmanned 24/7. The check-in location would be the administration office at the rail yard. The facility usually has at least one railroad employee and may have additional contract employees on site.

Access can be obtained from WL Runnels Dr through a commercial driveway on the west side of the site. The facility is inside Hattiesburg city limits.

In the event of an emergency, contact the KCS Critical Information Desk at 1-800-892-6295.

SECTION 11: PLAN REVIEW, UPDATE, and RECORD OF CHANGES

11.1 Plan Reviews

In accordance with 40 CFR 112.20(g) (3), facility response plans must be reviewed and updated periodically to reflect changes at the facility. The review shall incorporate any changes in the listing of economically important or environmentally sensitive areas identified in the Forrest Area Contingency Plan (FCACP) in affect six months prior to plan review. In addition, relevant portions of the National Oil and Hazardous Substance Pollution Contingency Plan and any applicable Area Contingency Plan shall be reviewed annually to ensure the consistency between these plans and this FRP.

- After the review, if changes are needed, a plan amendment must be submitted to the FCEMA for review or approval as described below.
- If no changes are needed, this should be appropriately noted in the Record of Changes section in each plan copy.
- Any required changes must be entered in the plan and noted on the record of changes page. While no deadline for plan amendment is given in the regulation, it is recommended that amendments be completed three months prior to submitting the plan for review to ensure their appropriateness.

11.2 Plan Amendments

In accordance with 40 CFR 112.20(d)(1), the FRP shall be revised and the revised portions shall be resubmitted to the EPA Regional Administrator within 60 days of any facility change that may materially effect the response to a large release, including:

- A change in the facility's configuration that significantly affects the information included in the response plan;
- A change in the type of hazardous commodity (persistent or non-persistent) handled, stored, or transported that affects the required response resources;
- A material change in the capabilities of the contractors that provide equipment and personnel to respond to releases of hazardous commodities described in Section 4 of this FRP;
- A material change in the county's release prevention and response equipment or emergency response procedures;
- Any other changes that significantly affect the implementation of the plan.

In addition, it is recommended that the FRP be amended if procedural or control system failure resulting in releases indicates deficiencies in the existing FRP.

NOTE: Except as provided above, changes in personnel, phone numbers, or contractors that do not result in material changes to the support capabilities do not require approval by the FCEMA

Administrator. Copies of these changes shall be provided as they occur to the FCEMA Administrator and other holders of this FRP.

11.3 Record of Changes

Amendments to this FRP shall be documented in Table 11.1.

[illegible]

SECTION 12: NATURAL RESOURCE DAMAGE ASSESSMENT
(NRDA)

Under all circumstances, NRDA's must be separated from the actual response. Personnel involved in an NRDA need to coordinate with the responders for logistical purposes, but the response role and the assessment role must remain two different procedures.

Due to this constraint, NRDA's are not appropriate for inclusion into the FRP.

FRP

Rev. December 5, 2012

SECTION 13: ACRONYMS

ACGIH	American Conference of Governmental Industrial Hygienists
AC	Area Committee
ACP	Area Contingency Plan
AGE	Aerospace Ground Equipment
ANSI	American National Standards Institute
API	American Petroleum Institute
AQI	Alternate Qualified Individual
ASME	American Society of Mechanical Engineers
AST	Aboveground Storage Tank
ATG	Automatic Tank Gauge
ASTM	American Society for Testing and Materials
ATG	All Talk Group
ATSDR	Agency for Toxic Substances and Disease Registry
CAA	Clean Air Act
CASS	Consolidated Aircraft Supply System
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	CERCLA Information System
CFR	Code of Federal Regulations
CHEMTREC	Chemical Transportation Emergency Center
CHP	Central Heat Plant
COE	Corps of Engineers (U.S. Army)
COTP	Captain of the Port
CWA	Clean Water Act
DOC	U.S. Department of Commerce
DOD	U.S. Department of Defense
DOE	U.S. Department of Energy
DOI	U.S. Department of the Interior
DOJ	U.S. Department of Justice
DOL	U.S. Department of Labor
DON	U.S. Department of the Navy
DOS	U.S. Department of State
DOT	U.S. Department of Transportation
DRAT	District Response Advisory Team
DRF	Disaster Response Force
EDRC	Effective Daily Recovery Rate
EHM	Extremely Hazardous Material
EO	Executive Order
EPA	U.S. Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
ERAP	Emergency Response Action Plan (of FRP)
ERT	Environmental Response Team
ESA	Endangered Species Act
FEMA	U.S. Federal Emergency Management Agency
FEX	Facility Equipment Exercise

FFA	Federal Facility Agreement
FIC	Facility Incident Commander
FOSC	Federal On-Scene Coordinator
FR	Federal Register
FRERP	Federal Radiological Emergency Response Plan
FRP	Facility Response Plan
FSC	Finance/Administration Section Chief
FY	Fiscal year
GPM	Gallons Per Minute
GPU	Ground Power Unit
GSA	General Services Administration
HAZMAT	Hazardous Material
HAZWOPER	Hazardous Waste Operations and Emergency Response
HHS	U.S. Department of Health and Human Services
HM	Hazardous Material
HS	Hazardous Substance
HW	Hazardous Waste
HWMP	Hazardous Waste Management Plan
IAP	Incident Action Plan
IC	Incident Commander
ICP	Incident Command Post
ICS	Incident Command System
IDLH	Immediately Dangerous to Life and Health
IFO	Intermediate Fuel Oil
IO	Information Officer
IOSC	Incident On-Scene Coordinator
IRP	Installation Restoration Program
LEPC	Local Emergency Planning Committee
LFM	Liquid Fuels Maintenance
MG	Million Gallons
MMS	Mineral Management Service
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MPH	Miles Per Hour
MSDS	Material Safety Data Sheet
MSL	Mean Sea Level
MTR	Marine Transportation Related
NAICS	North American Industrial Classification System (code)
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NFPA	National Fire Protection Association
NIIMS	National Interagency Incident Management System
NIOSH	National Institute for Occupational Safety and Health
NOAA	National Oceanic and Atmospheric Administration
NRC	National Response Center (USCG)
NRCS	Natural Resources Conservation Services (USDA)
NRDA	Natural Resource Damage Assessment

FRP

NRDAR	Natural Resource Damage Assessment and Restoration
NRS	National Response System
NRT	National Response Team
NSF	USCG National Strike Force
NSFCC	USCG National Strike Force Coordination Center (Elizabeth City, NC)
NWS	U.S. National Weather Service
OSC	On-Scene Coordinator
OSCDR	On-Scene Commander
OSHA	Occupational Safety and Health Administration
PA	Pollution Abatement (funds)
PEL	Permissible Exposure Limit
POC	Point of contact
POL	Petroleum, Oil, and Lubricant
PPE	Personal protective equipment
PREP	Preparedness-for-Response Exercise Program (USCG)
PSI	Pounds Per Square Inch
QI	Qualified Individual
QIN	Qualified Individual Notification Exercise
RA	Regional Administrator (EPA)
RAR	Resources at risk
RCP	Regional Contingency Plan
RCRA	Resource Conservation and Recovery Act
RIC	Regional Incident Commander
RP	Responsible Party
RQ	Reportable Quantity (of hazardous substances)
RQ/RIC	Regional Qualified Individual/Regional Incident Commander
RRC	Regional Response Center
RRT	Regional Response Team
RRSACP	Red River Sub Area Contingency Plan
RSA	Responder Staging Area
RT	Response Technologies
SARA	Superfund Amendments and Reauthorization Act of 1986
SCAT	Shoreline Cleanup and Assessment Team
SDWA	Safe Drinking Water Act of 1986
SFO	Senior Fire Official
SI	Surface Impoundment
SMT	Spill Management Team
SONS	Spill of National Significance
SOSC	State On-Scene Coordinator
SPCC	Spill Prevention, Control, and Countermeasures (plan)
SSC	Scientific Support Coordinator (NOAA)
STEL	Short Term Exposure Limit
SWDA	Solid Waste Disposal Act
TLV	Threshold Limit Value
TSCA	Toxic Substance Control Act
TTX	Tabletop Exercise

FRP

UC
UIC
UL
USCG
USDA
USFWS
USNPS
UTP
UST
WMA

Unified Command
Uniform Identification Code
Underwriters Laboratory
U.S. Coast Guard
U.S. Department of Agriculture
U.S. Fish and Wildlife Service
U.S. National Park Service
Underground Terminal Piping
Underground Storage Tank
Wildlife Management Area

SECTION 14: REFERENCES

- 15 CFR 990. NATURAL RESOURCE DAMAGE ASSESSMENT (NRDA). Final Rule. Federal Register of 05 January 1996, as amended.
- 29 CFR 1910.120 HAZARDOUS WASTE OPERATIONS AND EMERGENCY RESPONSE U.S. DEPARTMENT OF LABOR. Federal Register of 06 March 1898, as amended. The OSHA requirement defining training required for workers at the site of a spill.
- 33 CFR 154. RESPONSE PLANS. U.S. DEPARTMENT OF TRANSPORTATION (COAST GUARD). Federal Register of 29 February 1996, as amended. The Coast Guard regulation on facility response plans for marine transportation-related facilities.
- 40 CFR 112. OIL POLLUTION PREVENTION. U.S. ENVIRONMENTAL PROTECTION AGENCY. Federal Register of 1 January 2002, as amended. The EPA regulation on facility response plans for non-transportation-related facilities.
- 40 CFR 300. NATIONAL OIL AND HAZARDOUS SUBSTANCE POLLUTION CONTINGENCY PLAN. U.S. Environmental Protection Agency. Federal Register of 15 September 1994, as amended.
- GUIDE FOR DEVELOPMENT OF STATE AND LOCAL EMERGENCY OPERATIONS PLANS. FEDERAL EMERGENCY MANAGEMENT AGENCY. September 1990. Available from FEMA Publications Office: (202) 646-3484.
- GUIDE FOR THE REVIEW OF STATE AND LOCAL EMERGENCY OPERATIONS PLANS. FEDERAL EMERGENCY MANAGEMENT AGENCY. September 1988. Available from FEMA Publications Office: (202) 646-3484.
- HAZARDOUS MATERIALS CONTINGENCY PLANNING COURSE (STUDENT MANUAL). FEDERAL EMERGENCY MANAGEMENT AGENCY. June 1990. Available from FEMA Publications Office: (202) 646-3484.
- MEMORANDUM OF UNDERSTANDING BETWEEN THE SECRETARY OF TRANSPORTATION AND THE ADMINISTRATOR OF THE ENVIRONMENTAL PROTECTION AGENCY. Signed 24 November 1971. Published in the Federal Register on 36 FR 24080. This agreement established what kinds of facilities were transportation-related (DOT regulated) and what kinds were non-transportation-related (EPA regulated). For OPA90 purposes, its main significance is that it set the jurisdictional boundaries between a marine transportation-related facility (USCG regulated) and an associated oil storage facility (EPA regulated). The boundary is the valve furthest from the tank(s) but still inside secondary containment if such containment exists, and the valve or manifold nearest the tank(s) otherwise.

PREPAREDNESS-FOR-RESPONSE EXERCISE PROGRAM (PREP) GUIDELINES. U.S. COAST GUARD. AUGUST 1994. This publication provides guidelines for the PREP program that will be written into the final OPA 90 regulations. Any facility intending to follow PREP in lieu of individual regulation exercise requirements must use this document to understand commitments resulting from its use. This publication is available on line at: <http://www.uscg.mil/hq/G-m/nmc/response/index.htm>

U.S. COAST GUARD INCIDENT MANAGEMENT HANDBOOK. U.S. Coast Guard Publication COMDTPUB P3120.17). 11 April 2002. This publication is available on line at: <http://www.uscg.mil/hq/nsfweb/nsfweb/NSF/online.doc.html>

Emergency Operation Center

"EOC"

**Standard Operating Procedures
"SOP"**

The Emergency Management District

Updated: April 2017

EOC ACTIVATION

DUTY ASSIGNMENTS		
DATE:	SHIFT - 1 Time:	SHIFT - 2 Time:
SHIFT SUPERVISOR:		
COMMUNICATIONS 1. Radio Monitor - 800/hi/lo		
RADAR / NAWAS 1. Operate Radar 2. Monitor Cable Radar 3. NAWAS		
RECORDER 1. Situation Board 2. Activity Log 3. Teletype Monitor		
TELEPHONE 1. Phone Operator		
PIO		

Forward

The purpose of this Standard Operating Procedure is to establish responsibilities and functions in staffing and roles in the EOC during times of emergency and disaster. Procedures set forth in this SOP will insure that all areas of responsibilities are clearly delineated and that response can be coordinated with all agencies involved.

This Standard Operating Procedure supersedes any SOP concerning EOC Activation dated prior to March 1999.

Glen Moore - Director

Date

EOC ACTIVATION SOP

I. RESPONSIBILITIES AND FUNCTIONS OF DISTRICT STAFF AND ACTION OFFICERS UPON ACTIVATION

The permanent District Staff Members are assigned responsibilities and functions as indicated when the EOC is activated.

A. EXECUTIVE DIRECTOR

1. Supervises overall operation of the EOC.
2. Maintains contact with the Executive Group and keeps them informed of the situation.
3. Implements decisions of the Executive Group through the District and EOC staff.
4. Authorizes expenditures and acquisitions in emergency situations as needed.
5. Assigns staffing hours for staff members.

B. SHIFT SUPERVISOR

1. Insure that needed maps, status boards, video displays, etc. are available as needed.
2. Advises staff on operational decisions and assigns priorities of operations
3. Keep the Executive Director and PIO informed on current operational conditions.
4. Assure that situation board and permanent records (logs) are being maintained for after action reports.
5. Answers telephone inquiries as needed.
6. Contact outside agencies for needed assistance i.e. MEMA.
7. Implement shift staffing hours.
8. Coordinates with Action Officers and represented agencies in the EOC on situations in their related areas.

C. COMMUNICATIONS / RADIO MONITOR

1. Operate and Monitor 800 MHz, hi / Lo Band Radio traffic in EOC during activation.
 - a. Receive and Send message traffic as required.
 - b. Monitor Fire, Police, Vol. Fire & MEMA traffic.
2. Record and disseminate incoming messages to EOC Recorder, Shift Supervisor and/or appropriate agencies as needed.

3. Send message traffic as requested by Shift Supervisor and or agencies present in the EOC.
4. Keep Shift Supervisor and / or Director abreast of overall situation as develops.
5. **Transmit all tornado warnings over 800 MHz radio.
6. **Transmit all tornado watch cancellations over 800 MHz radio.
7. Update warning information on 800 MHz as received.

D. RADAR / NAWAS OPERATION

1. Operate and monitor EOC radar and Cable radar.
2. Disseminate (possible) severe radar reading info to EOC staff and National Weather Service in Jackson.
3. Contact Jackson Weather and request assistance in identifying radar reading. **A Warning can only be issued by National WX Service.
4. Monitor and answer all traffic over the NAWAS to Hattiesburg EOC from outside agencies (including NWS) trying to contact EOC.
5. Relay all (Radio or NAWAS) vital information from Jackson Weather or any other outside agencies to Shift Supervisor and EOC Recorder to be paged out or recorded on situation board.
6. Provide technical assistance in communications to the EOC and supported agencies.

E. RECORDER

1. Record vital information on situation board.
2. Record vital information on permanent activity log for after action reports.
3. Monitors WX teletype for wx updates and disseminates that information to EOC staff and outside agencies on a need to know basis.
4. Acts as shelter officer and records shelters opened, capacity and number sheltered. (Red Cross Rep. may handle this)
5. Operate Wide Paging System as needed.
 - a. Issue watch or warnings and other messages as required.
6. Post maps with damage and/or roads closed.

F. TELEPHONE OPERATOR

1. Answers telephone inquiries as received.
2. Refers all Media calls to PIO and/or Executive Director.
3. Directs calls for assistance to appropriate EOC Staff or agencies and keeps accurate log of vital calls.
4. Log all information (wx or incident) and report to Shift Supervisor.
5. Supports PIO with clerical assistance.

G. PIO

1. Acts as the liaison between the EOC and general public.
2. Serves as the centralized point for all information to be released to the public.
3. Disperses public information, both to general public and to the public at risk.
4. Acts as the liaison between the EOC and Mass Media.
5. Disperses information to mass media to insure accurate and consistent information flow.
6. Ensure that consistent messages are disseminated to the media.
7. Works under the direction of the Executive Director.
8. Ensure that all information released to public is authorized by Executive Director.

H. STATE GUARD

1. Sign-in Register
2. Issue Access Badges
3. Handle EOC Access Door
4. EOC Security and Access Control

Note: All telephone messages will be recorded on message forms to provide a copy for plan analysis after the exercise.

I. HAM RADIO OPERATOR

1. Operate HAM Radio Equipment located in the EOC.
2. Provide Backup Commo for EOC
3. Send and Receive messages as required by Shift Supervisor or Director

J. FIRST RESPONSE AGENCIES

1. Law Enforcement
 - a. Each Law Enforcement Agency represented in the area of operations will provide an action officer to the EOC with the following functions:
 1. Coordinate Law Enforcement efforts in the area of operations (AO) between responding agencies.
 2. Provide information and situation analysis and

recommendations to EOC Shift Supervisor in relation to Law Enforcement situations.

3. Monitor contact with the respective agencies and keep EOC updated on actions required of the agencies.
4. Monitor status of available force for emergency operations.
5. Assist EOC Staff Recorder in updating maps and situation boards related to Law Enforcement actions.
6. Coordinate mutual aid with the A.O.

2. FIRE SERVICE

A. Hattiesburg Fire Department will provide an Action Officer to the EOC as required with the following responsibilities:

1. Coordinate fire service and search and rescue operations in the area of operations (A.O.)
2. Maintain status of search and rescue operation on map in EOC.
3. Coordinate mutual aid from other Fire Departments in the A.O.
4. Provide situation analysis and recommendation to EOC Shift Supervisor relating to fire service.

3. EMERGENCY MEDICAL SERVICE

A. Emergency medical service (AAA Ambulance) will provide an Action Officer to the EOC with the following responsibilities:

1. Coordinate emergency medical service in the A.O.
2. Maintain status of EMS in the EOC.
3. Coordinate with area hospitals in EMS support.
4. Coordinate mutual aid from outside EMS providers.

K.

VOLUNTARY AGENCIES

A. American Red Cross

- 1. Provide Action Officer in the EOC.**
- 2. Administer the area shelter plan.**
- 3. Maintain status report of area shelters for the EOC.**
- 4. Assist EOC Shift Supervisor in handling request for assistance from the public.**
- 5. Coordinate public donations effort with the Salvation Army.**

B. SALVATION ARMY

- 1. Provide Action Officer in the EOC.**
- 2. Provide mass feeding service in the A.O.**
- 3. Maintain status report on service provided for the EOC.**
- 4. Assist Shift Supervisor in handling public Assistance requests.**
- 5. Coordinate any public donation effort with the Red Cross.**

L.

PUBLIC WORKS

A. Each governmental agency represented in the A.O. will provide Action Officers responsible for the following:

- 1. Road and bridge**
- 2. Public water and sewer**
- 3. Governmental authority for action in the A.O.**
- 4. Maintain status of their respective agency as related to damage and assistance needed.**

M.

GOVERNMENTAL AUTHORITY

A. The Mayor of Hattiesburg and President of the Board of Supervisors will maintain contact with the EOC or make available the representation that has the authority to:

- 1. Declare Emergency**
- 2. Commit emergency funds**
- 3. Request mutual aid from outside area**
- 4. Account for emergency expenditures**

DAMAGE ASSESSMENT SOP

The Emergency Management District

Updated: June 5, 2017

***DAMAGE ASSESSMENT AND ROAD CLEARING
SOP***

PURPOSE: This SOP provides and establishes protocol for Damage Assessment and Road Clearing after a storm has impacted an area.

SITUATION: In the event emergency response agencies are called upon to assist in damage assessment and road clearing due to an emergency situation in a storm damaged area.

CONCEPT OF
OPERATIONS Upon notification of requested assistance from lead agency, Fire Departments shall be requested to provide the following support:

A. PROCEDURES

1- Each Fire Department in the effected area will be requested by pager or radio to assist in determining the extent of damage in their District.

2- Roads within the Fire Department's District have been prioritized to provide general access to the area. These roads should be SURVEYED FIRST:

- a. STATE HIGHWAYS -1st Priority
- b. MAJOR COUNTY RDS (color coded on the map) 2nd Priority
- c. OTHER COUNTY RDS - next

*This procedure will provide a systematic process to Damage Assessment and Road Clearing.

3- As the initial (windshield) surveys are made--field units should report to their Fire Stations the results of their surveys via RADIO FIRE TACT. The Chief or his/her designated representative should report the following damage information to the EOC via phone (if possible) or by District wide disaster channel (EOC channel - 800 MHz) if phones are not operational or available:

WINDSHIELD SURVEY REPORT SHOULD INCLUDE:

- 1- Damage location (street/road and house number)
- 2- Damage type (tree-house-roof-power lines etc.)
- 3- Damage severity (destroyed - major - minor)

4- The EOC will log reports and disseminate the information to Response Agencies that may be called upon for assistance. (i.e. County Road Manager, Sheriff Dept, Emergency Medical, etc.)

B. ROAD CLEARING

1- Once the damage has been assessed - Road clearing procedures should be implemented in the order as is stated in A-2. Priorities assigned to roads on the map will be the order to begin the clearing process. This system will allow the general area of each community to have emergency services access and provide an orderly system of maintaining accurate information of the effected area.

2- County Road Crew will be dispatched by contact with District Foreman. EOC personnel will contact District Foreman and report location of debris or problem.

3- In certain areas, Volunteer Fire Departments assist in debris removal and posting emergency personnel to alert traffic of the hazard. In these areas the EOC will coordinate the clearing work between the county crews and firemen.

4- It is essential that all road hazards (i.e. trees, power lines, etc.) are reported to the EOC. In the event the EOC is not activated, these reports should be made to the Sheriff's Dispatch who will dispatch the appropriate personnel.

5- Safety should be the primary concern of all. When hazards to the motorist's public are identified a vehicle should be positioned with

Emergency Lights to warn of the hazard but safely off the road to prevent injury to the firemen from traffic on the road.

6- As a road is cleared-- field units should report to their Fire Station that clearing is complete. The Chief or his/her designated representative should contact the EOC with a clear report. In the event the County work crew performs the clearing, it should be reported directly to the EOC via County Admin Channel.

7- Mutual Aid to other Fire Districts should be coordinated through the EOC to maintain accurate resource management. This allows a central office the ability to access the available resources and provide the necessary information to request State assistance if and when it is needed.

C. FLOOD DAMAGE

1- Roads that are closed due to Flooding should be reported to the EOC and blocked to prevent traffic from entering or crossing the flooded area.

2- Structure Flooding should be reported to the EOC with the address of the flooded property. Knowing the water level in the structure will greatly affect the outcome of the damage assessment process. Many times after the water recedes, no water-mark is visible and damage assessment is difficult.

3- After the floodwaters recedes - report when roads are opened and when traffic can safely resume travel.

D. DURING THE SCHOOL YEAR

1- During severe weather events, (if at all possible), position personnel with RADIO communication (preferably Skywarn trained), at any school that is in your fire district. Not all watches would require response to schools but when weather has a history of spanning tornadoes and damaging wind, it would be to the advantage of the school to have communications available in the event of damage and or injury to staff and pupils.

****NOTE: SAFETY IS A PRIMARY CONCERN FOR ALL EMERGENCY RESPONSE OPERATIONS. WHEN BLOCKING A ROAD OR DIRECTING TRAFFIC BE SURE REFLECTIVE CLOTHING IS WORN, EMERGENCY LIGHTING IS USED AND A GOOD LINE OF SIGHT IS PROVIDED FOR THE APPROACHING TRAFFIC.**

Road Clearing And **DAMAGE ASSESSMENT SOP**



**The Emergency Management District
4080 US Hwy 11
Hattiesburg, MS 39402**

May 2002

Reviewed:
March 2011
April 2017

ROAD CLEARING AND DAMAGE ASSESSMENT SOP

PURPOSE: This SOP provides and establishes protocol for Damage Assessment and Road Clearing after a storm has impacted an area.

SITUATION: In the event that Emergency Response Agencies are called upon to assist in damage assessment and road clearing due to an emergency situation in a storm damaged area.

CONCEPT OF OPERATIONS Upon notification of requested assistance from lead agency, Fire Departments shall be requested to provide the following support:

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DAMAGE ASSESSMENT SOP

The Emergency Management District

Updated: May 24, 2017

***DAMAGE ASSESSMENT AND ROAD CLEARING
SOP***

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Forrest County Logistics Plan

April 19

2017

Distribution and Donations specific annex

Water and Ice
Commodities

FEMA / MEMA

The Emergency Management District
Forrest County & City of Hattiesburg
(office) 601-544-5911
OPERATIONS OFFICER PAUL SHEFFIELD

Main Distribution Site
HATTIESBURG
National Guard Manned
Lake Terrace Convention Center
Lat: 31.2119 Long: 89.2033
One Convention Center Plaza
Hattiesburg, MS 39401
Rick Taylor- 601-268-3220
Cell-601-606-9077
Eddie Baca-©-601-550-8160
Anita Wright © 601-606-9074

Main Distribution Site
PETAL
National Guard Manned
Petal Friendly Park
Lat: 31.342 Long: 89.2495
605 Hillcrest Loop
Petal, MS 39465
Hal Marx - Mayor - 601-545-1776
Cell-601-270-5854 (EM#) 601-544-5331
Tom Hardges - 601-325-4814

Main Distribution Site
FORREST
National Guard Manned
Forrest County AHS
Lat: 31.0409 Long: 89.1110
215 Old Hwy 49 E
Brooklyn, MS 39425
Elizabeth Yankay - Superintendent
(w)601-582-4102 © 601-596-3000

Sub-Site
Volunteer Manned
Mount Carmel Bapt Church
Lt: 31.2003 LG: 89.1747
1101 N. Main St
Hattiesburg, MS 39401
Johnny Dupree-Mayor-601-545-4501
Otis Griffin - Cell-601-606-6978

Sub-Site
N/A

Sub-Site
Volunteer Manned
Volunteer Fire Departments
*SEE ATTACHED LIST

Sub-Site
Volunteer Manned
University Baptist Church
Lt: 31.1916 Lg: 89.2016
3200 West Arlington Lp
Hattiesburg, MS 39402
Johnny Dupree - Mayor-601-545-4501
Russell Lott cell - 601-447-7800

Sub-Site
N/A

Sub-Site
Volunteer Manned
McDowell-Nance Conv. Cntr
Lt: 31.1637 Lg: 89.1643
123 Old Airport Rd
Hattiesburg, MS 39401
Johnny Dupree- Mayor- 601-545-4501
Willie Clark - Cell 601-329-8863

Sub-Site
Volunteer Manned
Churches as needed

FORREST COUNTY

ICE AND WATER DISTRIBUTION

CITY OF HATTIESBURG

NATIONAL GUARD MANNED

Main Water and Ice Distribution Center: LAKE TERRACE CONVENTION CENTER

Address	<u>One Convention Center Plaza</u> <u>(Hwy 49 & I-59 Interchange)</u> <u>HATTIESBURG, MS 39401</u>
Contact Person	<u>RICK TAYLOR- MGR</u>
Contact Number	<u>601-268-3220</u>
Cell Number	<u>601-606-9074</u>
Alt Contact Eddie Baca	<u>Cell 601-550-8160</u>
EOC Contact	<u>PAUL SHEFFIELD OPERATIONS OFFICER</u>
EOC Contact #	<u>601-544-5911</u>

Sub-Site Location:

Address	<u>MOUNT CARMEL BAPTIST CHURCH</u> <u>1101 NORTH MAIN STREET</u> <u>HATTIESBURG, MS 39401</u>
Contact Person	<u>OTIS GRIFFIN</u>
Contact Number	<u>601-583-4943</u>
Cell	<u>601-606-6978</u>

Sub-Site Location:

Address	<u>UNIVERSITY BAPTIST CHURCH</u> <u>3200 WEST ARLINGTON LOOP</u> <u>HATTIESBURG, MS 39402</u>
Contact Person	<u>RUSSELL LOTT</u>
Contact Number	<u>601-264-6908</u>
Cell	<u>601-447-7800</u>

Sub-Site Location:

Address	<u>McDOWELL NANCE CONVENTION CENTER</u> <u>123 OLD AIRPORT RD</u> <u>HATTIESBURG, MS 39401</u>
Contact Person	<u>WILLIE CLARK</u>
Contact Number	<u>(w) 601-544-6001 (Willmut Gas Co)</u>
Cell	<u>601-329-8863</u>

FORREST COUNTY

ICE AND WATER DISTRIBUTION

COUNTY

NATIONAL GUARD MANNED

Main Water and Ice Distribution Center: **FORREST COUNTY AHS SCHOOL**

Address 215 OLD HWY 49 EAST
BROOKLYN, MS 39425

Contact Person Billy Ellzey

Contact Number © 601-319-6923

EOC Contact Paul Sheffield Operations Officer

Contact #: 601-544-5911

Sub-Site Location:

VOLUNTEER FIRE STATIONS

Address **see attached list

Contact Person **FIRE CHIEF OF EACH DEPARTMENT**

Sub-Site Location:

CHURCHES

Address ** As needed

Contact Person

Contact Number

Pre-Designated Donation Manager **Corey Proctor – County Planner**

Contact Number **(w) 601-583-7507 or © 601-543-6860**

FORREST COUNTY

ICE AND WATER DISTRIBUTION

CITY OF PETAL

NATIONAL GUARD MANNED

**Main Water and Ice Distribution Center: PETAL FRIENDLY PARK
Parking Lot**

Address **605 HILLCREST LOOP**
PETAL, MS 39465

Contact Person **TOM HARDGES**
Petal Recreation

Contact Number **601-544-5440**
Cell **601-325-4814**

EOC Contact **Paul Sheffield Operations Officer**

EOC Contact # **601-544-5911**

Sub-Site Location: **N/A**

Address _____

Contact Person _____

Contact Number _____

Sub-Site Location: **N/A**

Address _____

Contact Person _____

Contact Number _____

Pre-Designated Donation Manager **TOM HARDGES**

Contact Number **601-544-5440 OR © 601-325-4814**

Water and Ice Distribution Plan

FEMA / MEMA distribution trucks will deliver Water and Ice to the three main pre-determined distribution sites.

Lake Terrace Convention Center
Petal Friendly Park
Forrest County Agriculture High School

MAIN DISTRIBUTION SITES

The main sites will be responsible to distribute both to the general public and to pre-determined sub-sites and pre-determined critical facilities.

☛ TO THE GENERAL PUBLIC:

1. Main distribution site manned by National Guard will distribute ice/water (amounts may vary with availability) to the public.
2. Water / Ice amount will depend on availability.

☛ TO SUB-SITES:

1. Main distribution sites will allow Pre-Determined Sub-Sites from their jurisdiction to load Water/Ice (amounts may vary with availability) to be distributed from sub-sites. A list of these pre-approved sites for each jurisdiction (Hattiesburg, Forrest County, and Petal) will be kept at Main Distribution Site.

☛ TO PRE-DETERMINED CRITICAL FACILITY AGENCIES:

1. Main distribution site will allow pre-determined critical facilities i.e. nursing – assisted living facilities, hospital, and shelter – load bulk daily supplies.
2. Any critical facility that may request Water/Ice must first contact the EOC for pre-approval.
3. A list of pre-determined critical facilities will be kept at each Main Distribution Site.

SUB-SITE DISTRIBUTION LOCATIONS

Pre-Determined Sub-Sites will be responsible to distribute the general public.

📍 TO THE GENERAL PUBLIC:

1. A list of each Jurisdictions Sub-Sites will be maintained at the Jurisdictional Main Distribution Site i.e. Hattiesburg, County, Petal.
2. Pre- Determined Sub-Site Distribution Sites will be manned by Volunteers Only.
3. Sub-Sites must be able to pick-up Water and Ice from the Main Distribution Site in their jurisdiction.
4. Sub-Sites must supply own transport and loading crew.
5. Amount of Ice and Water for each sub-site will be on AVAILABILITY ONLY BASIS!
6. Distribution of Ice and Water will be to the public only. (No groups or bulk distribution from Sub-Sites.) ****All bulk and group distribution will be from Main Site Only!**

PRE-DETERMINED CRITICAL FACILITY AGENCIES

Critical facilities are deemed those who house elderly, disabled, medical and shelters agencies in need of bulk daily supplies must make request through the EOC for the amount of ice/water daily request. The requesting agency will then be placed on the list of authorized agents to receive bulk supplies for their facility. (Amounts will vary with the amount of ice/water's availability)

Main distribution site will allow pre-determined critical facilities load bulk daily supplies. (Amounts may vary due to availability).

Critical facilities must supply own transportation and loading crew.

A list of pre-determined critical facilities will be kept at each Main Distribution Site

Critical facilities bulk supplies will be allowed to use own jurisdiction Main Distribution Site, (Hattiesburg, Petal, and Forrest County) example: If critical facility is located in Hattiesburg they must use the Hattiesburg Main Distribution Site.

Pre-Determined Equipment Needs:

Site One – Hattiesburg

HBG Lake Terrace Convention Center

1. Two (2) Fork Lifts
2. Two (2) Pallet Jacks
3. One (1) Tent
4. Two (2) Cooling Fans
5. One (1) 5kw Generator
6. One (1) Light Set
7. 15 Barricades
8. 50 Traffic Cones
9. Two (2) Large Dumpsters

Site Two - Petal

Petal Friendly Park

1. One (1) Fork Lift
2. One (1) Pallet Jack
3. One (1) Tent

4. Two (2) Cooling Fans
5. One (1) 5kw Generator
6. One (1) Light Set
7. Five (5) Barricades
8. 25 Traffic Cones
9. One (1) Large Dumpster

Site Three - Forrest County Forrest County AHS

1. One (1) Fork Lift
2. One (1) Pallet Jack
3. One (1) Tent
4. Two (2) Cooling Fans
5. One (1) 5kw Generator
6. One (1) Light Set
7. Five (5) Barricades
8. 25 Traffic Cones
9. One (1) Large Dumpster

MAIN POD SITE 1

LAKE TERRACE CONVENTION CENTER, HATTIESBURG

SERVING THE FOLLOWING VFD SUB-SITES:

DIXIE VFD

19 DIXIE BARN RD.

LT 31.1318

LG 89.1821

RAWLS SPRING VFD STATION 1

41 ARCHIE SMITH RD.

LT 31.2259

LG 89.221

RAWLS SPRING VEF STATION 2

512 ARCHIE SMITH RD.

LT n/a

LG n/a

NORTH FORREST VFD STATION 1

2315 GLENDALE AVE.

LT 31.2144

LG 89.1818

NORTH FORREST VFD STATION 2

1133 EATONVILLE RD.

LT 31.2537

LG 89.2117

MAIN POD SITE 2

Petal Friendly Park, PETAL

SERVING THE FOLLOWING VFD SUB-SITES:

MACEDONIA VFD STATION 1

610 MACEDONIA RD.

LT 31.2319

LG 89.1016

MACEDONIA VFD STATION 2

600 MACEDONIA RD.

LT

LG

MACEDONIA VFD STATION 3
711 LEEVILLE RD.
LT 31.2337
LG 89.1525

SUNRISE VFD STATION 1
1071 LUTHER CARTER RD
LT 31.1827
LG 89.1247

SUNRISE VFD STATION 2
177 MYERS RD
LT 31.1534
LG 89.1032

MAIN POD SITE 3
AHS BROOKLYN, FORREST COUNTY

SERVING THE FOLLING VFD SUB-SITES:

BROOKLYN VFD STATION 1
35 OLD HWY 49 SOUTH
LT 31.03234
LG 89.11211

McLAURIN VFD STATION 1
310 CARTER RD.
LT 31.000
LG 89.1309

McLAURIN VFD DANTZLER STATION 2
764 CHURCHWELL RD.
CARNES VFD
LT 31.1124
LG 89.1715

CARNES VFD STATION 1
268 JOHN MORRIS RD
LT 31.02280
LG 89.12454

CARNES VFD MAXIE STATION 2
105 MOFFETT RD.
LT 30.5732
LG 89.1008

MAIN POD SITE 1

LAKE TERRACE CONVENTION CENTER, HATTIESBURG

SERVING THE FOLLOWING CHURCH AND OTHER SUB-SITES:

MOUNT CARMEL BAPTIST CHURCH

1101 NORTH MAIN ST.

LT 31.2003

LG 89.1747

UNIVERSITY BAPTIST CHURCH

3200 WEST ARLINGTON LP.

LT 31.1916

LG 89.2016

McDOWELL-NANCE CONVENTION CENTER

123 OLD AIRPORT RD.

LT 31.1637

LG 89.1643

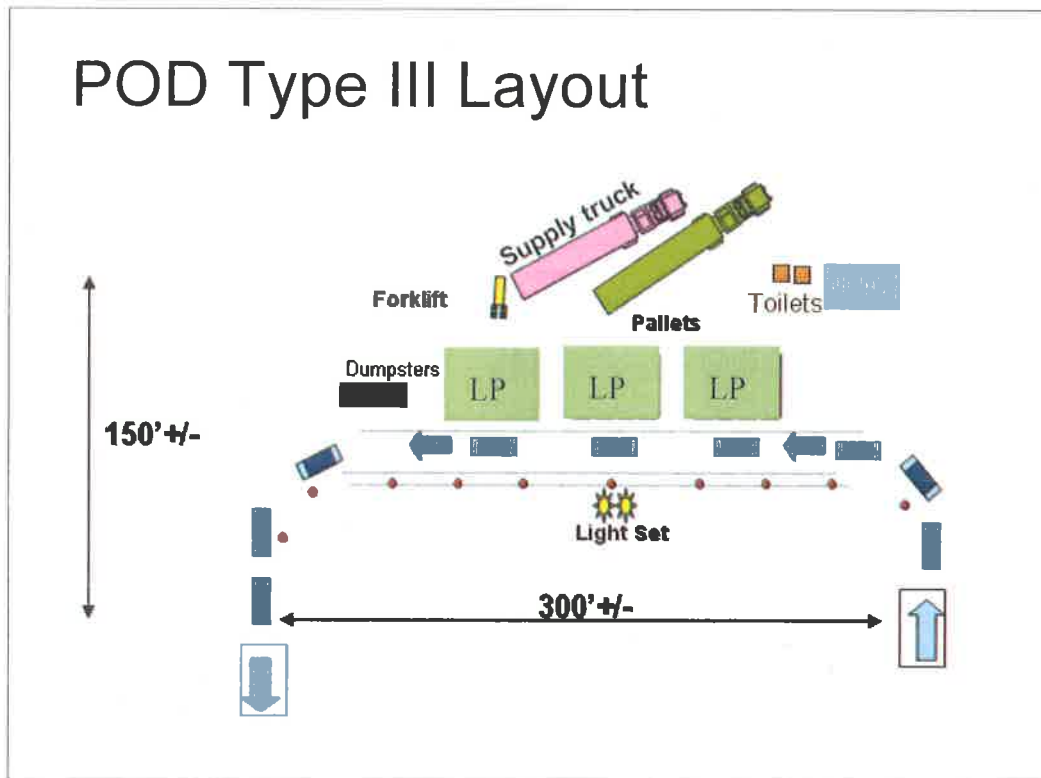
FIRST BAPTIST CHURCH

4142 LINCOLN RD.

LT n/a

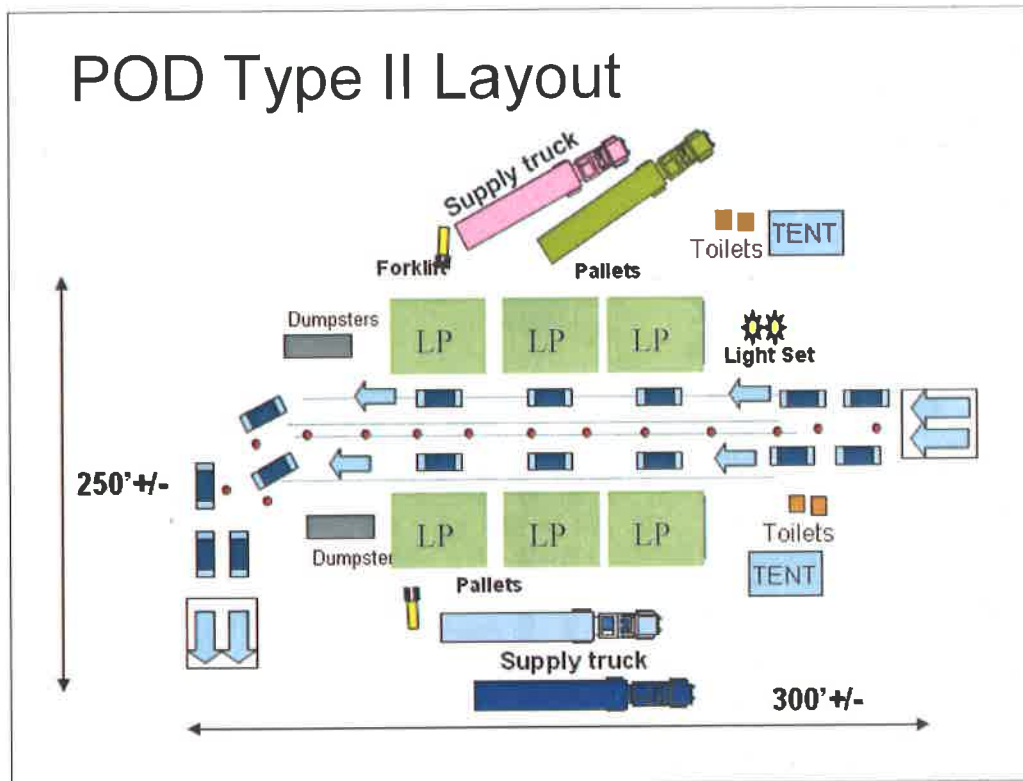
LG n/a

The smallest of the PODs is a Type III. A Type III POD serves 5,000 people a day based on one vehicle representing a household of 3 people. A Type III POD is 150 feet by 300 feet and requires a staff of 19 per day and 4 per night.



A Type III POD has three loading points and only one vehicle lane.

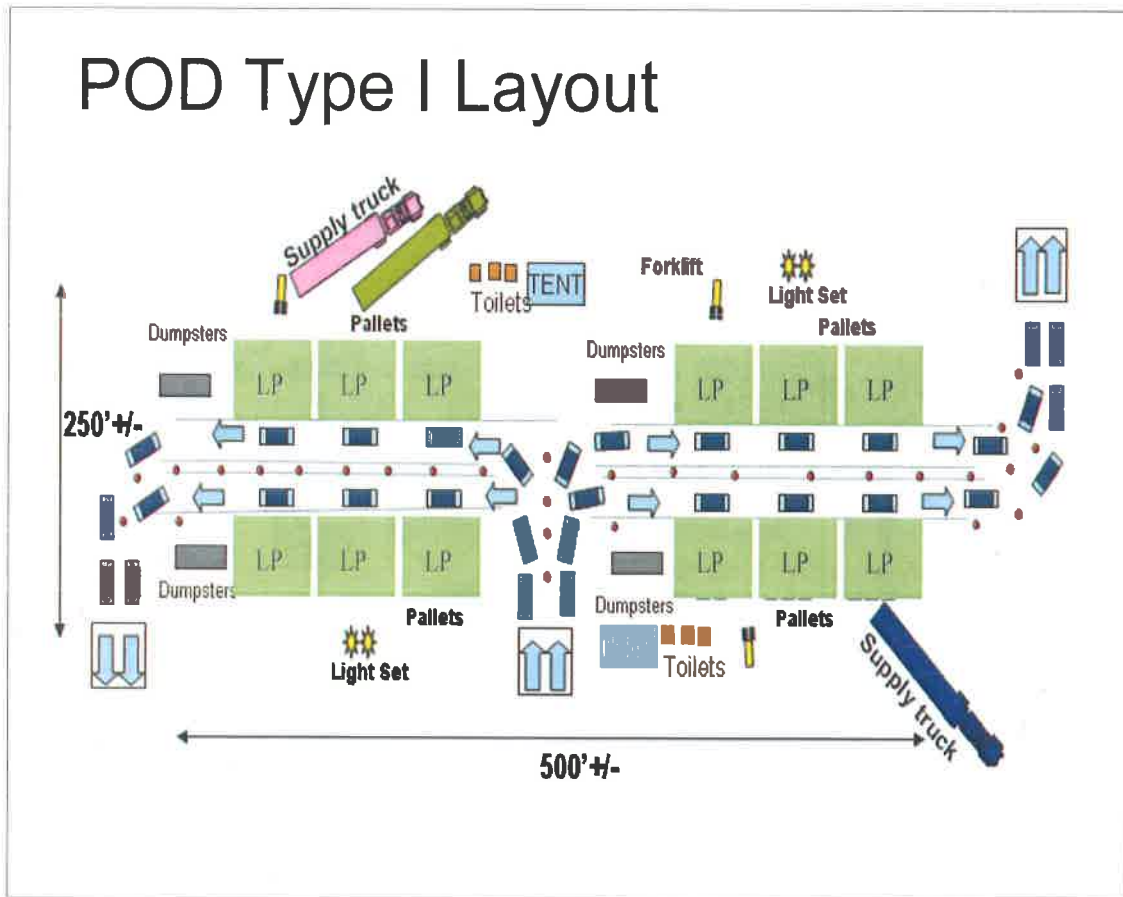
A Type II POD is twice the size of a Type III and serves 10,000 people a day based on one vehicle representing a household of 3 people. A Type II POD is 250 feet by 300 feet and requires a staff of 34 per day and 6 per night.



Type II POD has six loading points and two vehicle lanes.

The largest of the PODs is a Type I. A Type I POD serves 20,000 people a day based on one vehicle representing a household of 3 people. A Type I POD is 250 feet by 500 feet and requires a staff of 78 per day and 10 per night. Type I PODs are only used in large metropolitan areas.

POD Type I Layout



A Type I POD has twelve loading points and four vehicle lanes.

The following form can be used to assist in notifying people.

POD ACTIVATION NOTIFICATION FORM		
Line 1	Date and Time of Message	
Line 2	POD Manager Name/Org	
Line 3	Location of POD	
Line 4	Size (by type)	
Line 5	Date to Open	
Line 6	Time to Open	
Line 7	Quantity of Water per Vehicle	
Line 8	Quantity of Food per Vehicle	
Line 9	Type and Quantity of other commodity	
Line 10	Date and Time of First Supply	
Line 11	TEMD Point of Contact	
Line 12	TEMD POC Number	

POD Site Setup Checklist

POD Manager: _____

Location: _____

	Yes	No	Remarks
1 Team members arrived			
2 Site hazard assessment complete			
3 Communications established with LEMA			
4 Inspect POD Kit			
5 Determine the location of the Supply, Loading, and Vehicle lines			
6 Establish the port-a-potty location			
7 Establish the dumpster location			
8 Establish the break area location			
9 Set up traffic cones around the vehicle line			
10 Ensure supply trucks can enter and exit			
11 Assign staffing positions			
12 Distribute PPE			
13 Conduct a safety briefing			
14 Determine signage locations			
15 Receive port-a-potties			
16 Receive dumpster			
17 Receive pallet jack			
18 Receive first supply			
19 Notify TEMD that the POD is ready for opening			
20 Put up signage			
21 Open POD			
22 Notify TEMD that the POD is open			

Other Remarks:

POD Manager Initials: _____

Date and Time Complete: _____

How to support a POD site and staff

At each POD location, it is best to have POD kit(s) on site to support the initial setup of the POD. Each POD kit is designed for a Type III POD. If a Type II POD is established at that site, the site should have two kits. A Type I POD would need four kits. The POD kit has supplies for the site and individual staff positions.

POD Kit

One (1) 96 gal trash can, wheeled (for storage of the kit)

Sixteen (16) pairs of leather work gloves

Four (4) rolls of duct tape

Nineteen (19) battery-powered (D-cell) flashlights

Nineteen (19) reflective safety vests

One (1) First Aid Kit

Twelve (12) 36", reflective traffic cones

Sixteen (16) safety hard hats

Thirty (30) orange or red glow sticks

Thirty six (36) D-cell, batteries

Eight (8) medium back support belts or vests

Eight (8) large back support belts or vests

One (1) 5 lb. fire extinguisher

In addition to the resources available in the POD Kit, the site will need, at a minimum, a dumpster, portable restroom, break area, and light set. These will provide support for the staff and allow safer working condition

Sample Equipment Inventory Form

- Keep complete list of equipment on site
- Provides a quick reference when closing the POD and returning equipment

POD Equipment Inventory					
Date	Types of Equipment	Serial Number	Condition	Owner Name (Company, Jurisdiction)	Location
	POD Kit				

This form can serve as the basis for your equipment file. Be sure and keep copies of any equipment transfer forms and inventories (such as the POD Kit inventory) in your file as back up to this form to provide additional detailed information.

- Enter the date you received the equipment
- What kind of equipment
- Serial number (if any)
- The condition of the equipment (i.e., "complete" for kits, "leaking hydraulics", "dented front right fender", "no defects", etc.)
- Where it came from
- Its location in the POD (supply line, loading line, etc.)

POD Equipment Inventory Form

Date	Type of Equipment	Serial #	Condition	Owner Name (Company, Jurisdiction)	Location

- Enter the date you received the equipment
- What kind of equipment
- Serial number (if any)
- The condition of the equipment (i.e., "complete" for kits, "leaking hydraulics", "dented front right fender", "no defects", etc.)
- Where it came from
- Its location in the POD (supply line, loading line, etc.)

Daily inventory reporting

Daily reporting of inventory to **The Emergency Management District** allows accurate restocking. **The Emergency Management District** will tell you when and how to report each day (they may want a verbal report instead of a written one) and what elements of information it wants. Usually, the basic items to report for each type of supply are:

- quantities received
- quantities distributed
- quantities on hand

Using a supply inventory form will help you keep track.

Sample Supply Inventory Form

- Used for daily inventory tracking
- Provided to local emergency management agency

POD Supply Inventory Form							
Date	Time	Truck #	Mission #	Type of Supply	Qty Rec	Qty Dist	Bal on Hand

This form will provide the basis for your supply file. Be sure to keep Bills of Lading or Mission Forms as back-up to this, or any form that you use. Vehicle counts are also useful documentation in this file.

The supply inventory form is useful for capturing all incoming and outgoing supplies, as well as balancing inventory levels. The form itself may or may not be required by LEMA, but the information you gather will need to be reported.

[illegible]

*quantities received *quantities distributed & *quantities on hand

This form will provide the basis for your supply file. Be sure to keep Bills of lading or Mission Forms as back-up to this, or any form that you use. Vehicle counts are also useful documentation in this file. The supply inventory form is useful for capturing all incoming and outgoing supplies, as well as balancing inventory levels. ****A copy of the form will be filed with The Emergency Management District.**

DAILY SITE HAZARD ASSESSMENT FORM			
Inspected by: _____		Date: _____	
Location: _____		Time: _____	
Training:	Yes	No	Comments
Is each person assigned to a job within their capability?	☐	☐	
Did each person receive a safety brief at shift change?	☐	☐	
Is training on PPE and equipment provided?	☐	☐	
Environment:	Yes	No	Comments
Are resources available to deal with very hot or very cold conditions? (drinking water, heated tent, shade)	☐	☐	
Does staff know the symptoms of heat cramps, heat stroke, hypothermia?	☐	☐	
Is the level of light adequate for safe and comfortable performance of work?	☐	☐	
Housekeeping:	Yes	No	Comments
Is the work area clear of debris and tripping hazards?	☐	☐	
Are materials properly stacked and spaced?	☐	☐	
Are work areas clear of fluid spills or leakage?	☐	☐	
Are aisles and passageways clear of obstructions?	☐	☐	
Are walkways clear of holes, loose debris, protruding nails, and loose boards?	☐	☐	
Is the break area kept clean and sanitary?	☐	☐	
Are the dumpsters being serviced properly?	☐	☐	
Are the restrooms (portable or fixed) clean, sanitary and restocked?	☐	☐	
Personal Protective Equipment:	Yes	No	Comments
Is required equipment provided, maintained and used?	☐	☐	
Does equipment meet requirements?	☐	☐	
Are warning signs prominently displayed in all hazard areas?	☐	☐	
Material Handling and Storage:	Yes	No	Comments
Is there safe clearance for all equipment through aisles and doors?	☐	☐	
Is stored material stable and secure?	☐	☐	
Are storage areas free from tipping hazards?	☐	☐	
Are only trained operators allowed to operate forklifts?	☐	☐	
Do personnel use proper lifting techniques?	☐	☐	
Vehicle Traffic:	Yes	No	Comments
Are cones placed to direct traffic?	☐	☐	
Is the vehicle line free of pedestrians when vehicles are moving?	☐	☐	
Are pedestrian and vehicular traffic separated?	☐	☐	
ADDITIONAL COMMENTS OR CONCERNS			

Role and Responsibility of The Emergency Management District

The determination to activate, operate, and demobilize a POD is at the discretion of * **The Emergency Management District**.

* *determines* the location and type of POD based on:

- needs analysis
- population density, and
- current methods of commodity distribution

* *coordinates* the activation of PODs based on:

- public need
- types of resources needed
- infrastructure capability, and
- availability of resources

* *designates* resources for each POD

- type of distributed commodity
- amount of distributed commodity
- POD material handling equipment

The Emergency Management District *activates* a POD. It is important not to activate without guidance from EMA because:

- Workers may not be covered for workers compensation or liability
- LEMA may not have the resources to supply the POD
- LEMA may not have the capability to communicate or access the POD
- LEMA may decide not to utilize PODs as a form of public commodity distribution
- This may cause false expectations or false hope from surrounding citizens and residents

The Emergency Management District is responsible for:

Providing POD Manager Training

Selecting POD staff and locations

- Ensuring that POD locations support the population density, needs, and takes into account other forms of public commodity distribution

Registering POD workers

- At a minimum, POD Managers should be registered as an Emergency Worker in accordance with local laws.
- It is suggested that all POD primary staff are registered

Activating PODs

- Determining the need and availability of PODs for activation

Supplying PODs

- Providing appropriate allocations of commodities for distribution based on population densities and expected public need
- Providing material handling equipment and staff support resources

Demobilizing PODs

- Determining when to demobilize PODs based on need and infrastructure restoration
- Coordinating the receipt of excess resources
- Coordinating the removal of material handling equipment and staff support resources
- Restoring sites to original specifications
- Collecting and processing all paperwork associated with the POD

Conducting POD Reset

- Coordinating the replenishment of POD Kits
- Conducting After Action Reviews
- Recognizing participating organizations for service to their community.

DISTRIBUTION & DONATIONS SPECIFIC

DISTRIBUTION AND DONATIONS ANNEX

**WATER & ICE
Commodities**

The Emergency Management District

Updated April 2017

DISTRIBUTION & DONATIONS SPECIFIC
DISTRIBUTION AND DONATIONS ANNEX

FORREST COUNTY

This Annex provides the organization and guidelines for ensuring the ordering, receiving and distribution of mass commodities provided to Forrest County during times of major crisis. Pre-identified locations for distribution will be prepared and the commodities transported to each location. It also provides the SOP'S for Donations Management for coordinating, control and warehouse the mass amounts of donated goods and services that could infiltrate into Forrest County following a disaster.

ATTACHMENTS

Attachment 1 Commodity Staging and Distribution Plan	DS-1thru 11
Attachment 2 Donations Management SOP	DM-1thru 4

Commodity Staging and distribution Plan

Introduction

The County is subject to the impacts from Severe Weather and Hurricanes. These hazards can lead to wide spread power interruptions. The impact of the loss of power leads directly to the ability of the general public to sustain themselves. The loss of power on the commercial side leads to the loss of critical services for the general public. Other hazards can lead to the same result but Severe Weather and Hurricanes are the most threatening. The loss of power can have a cascading impact on other utilities such as phone, water and sewer.

Upon the detection of a critical event, Forrest County Emergency Management District will activate the EOC and specific ESF'S to support the event. The response effort will be directly proportioned to the amount of citizens and businesses without power or the number of uninhabitable dwelling units. Temporary generator capability is beginning to somewhat reduce the negative impact of individual households. Critical utilities and commercial services power loss impact are being reduced through initiatives to provide FEMA/State generator assets and through the 5% hazard mitigation grant program.

Scope of this Plan

This plan is addressing the ordering, receiving and distribution of mass commodities provided to Forrest County during times of major crisis. Specifically, this plan addresses water and Ice with the ability to add MRE'S and tarps or plastic provided there is a significant need.

Primary Contacts

The primary contacts for this plan are the following:

Local – EMD Director for Forrest County and Hattiesburg

Executive Director Glen Moore

Office Phone: 601-544-5911

Email: glen@forresteoc.com

State – EM Logistics Mgmt MEMA

Don Wilson

Office Phone: 601-933-6705

Email: dwilson@mema.ms.gov

Recognition of the Problem

Until the event occurs and a damage assessment has been completed, prediction of the needs is an educated guess, based on past events. Forrest County EMD will make initial assessment as soon as practical after the event has occurred. It will consult with the power company(ies) that serve Forrest County as to the magnitude of the outages and the anticipated repair times. The EMD will consult with other emergency agencies to determine the extent of the damage to the community infrastructure.

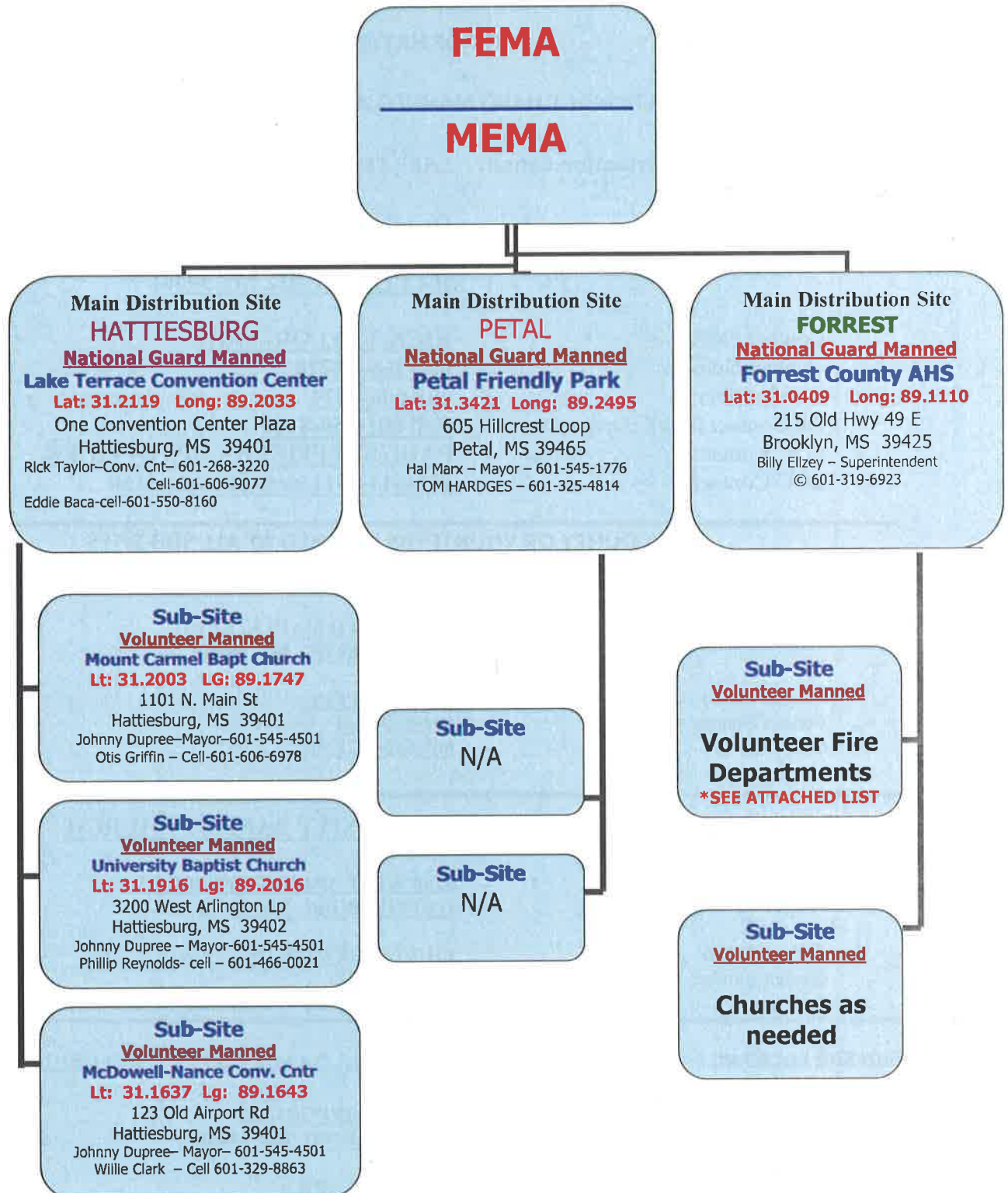
Utilities POC'S: MS. Power Rob Robinson 601.596.8528
Southern Pine Electric Power Dan Davis 601.616.8391
Pearl River Valley EPA Randy Wallace 601.441.1311
So. MS. Elect Power Assoc. Terry Lee 601.268.2083
Dixie Electric Jerry Gibson 601.433.4383

Principle of Supply and Distribution

It is recognized that the flow of commodities is not instant but is a pipeline effect. That fact complements the reality that it takes time and resources to set up public distribution centers, and the general public in this region generally has several days of water, ice and food available to them at their places of residence based on the hazards that are more frequent to Forrest County. Unusual hazard occurrences could make these planning assumptions invalid. MRE needs are related to the operating status of the grocery stores, of which there are many in the Hattiesburg and Forrest County area. The financial condition of the population will sometimes dictate the need for MRE'S to bridge the time between the event and the next normal pay day. Unfortunately, the public desire for commodities outpaces their need for commodities. Arrangements for commodities will be based on power, water and grocery store status. Generally the nature of our disasters determines the need for tarps or plastic covering. They are usually dispensed as requested directly from the Emergency Management District EOC.

State Resources Needs

The desired state of affairs is that staging and distribution centers shall be equipped with local resources for operation. The practicality of this, decreases rapidly when the return of normal commercial operations occurs consuming the volunteers back to their normal employment. Since commodity distribution often extends beyond core commercial operation, shortfalls can occur.



FORREST COUNTY
ICE AND WATER DISTRIBUTION

CITY OF HATTIESBURG

NATIONAL GUARD MANNED AT THE MAIN SITE ONLY

Main Water and Ice Distribution Center: LAKE TERRACE CONVENTION CENTER

Address	<u>One Convention Center Plaza</u> <u>(Hwy 49 & I-59 Interchange)</u> <u>HATTIESBURG, MS 39401</u>
Contact Person	<u>RICK TAYLOR- MGR</u>
Contact Number	<u>601-268—3220</u>
Cell Number	<u>601-606-9074</u>
Alt Contact Eddie Baca	<u>Cell 601-550-8160</u>
EOC Contact	<u>PAUL SHEFFIELD – OPS OFFICER</u>
EOC Contact #	<u>601-544-5911 or © 601-606-5150</u>

CITY/COUNTY OR VOUNTEERS MANNED AT ALL SUB-SITES

Sub-Site Location: MOUNT CARMEL BAPTIST CHURCH

Address	<u>1101 NORTH MAIN STREET</u> <u>HATTIESBURG, MS 39401</u>
Contact Person	<u>OTIS GRIFFIN</u>
Contact Number	<u>601-583-4943</u>
Cell	<u>601-606-6978</u>

Sub-Site Location: UNIVERSITY BAPTIST CHURCH

Address	<u>3200 WEST ARLINGTON LOOP</u> <u>HATTIESBURG, MS 39402</u>
Contact Person	<u>PHILLIP REYNOLDS</u>
Contact Number	<u>601-264-6908</u>
Cell	<u>601-466-0021</u>

Sub-Site Location: McDOWELL NANCE CONVENTION CENTER

Address	<u>123 OLD AIRPORT RD</u> <u>HATTIESBURG, MS 39401</u>
Contact Person	<u>WILLIE CLARK</u>
Contact Number	<u>(w) 601-544-6001 (Willmut Gas Co)</u>
Cell	<u>601-329-8863</u>

FORREST COUNTY

ICE AND WATER DISTRIBUTION

COUNTY

NATIONAL GUARD MANNED AT THE MAIN SITE ONLY

Main Water and Ice Distribution Center: **FORREST COUNTY AHS SCHOOL**

Address	<u>215 OLD HWY 49 EAST</u> <u>BROOKLYN, MS 39425</u>
Contact Person	<u>Billy Ellzey</u>
Contact Number	<u>© 601.319.6923</u>
EOC Contact	<u>PAUL SHEFFIELD – OPS OFFICER</u>
EOC Contact #	<u>601-544-5911 or © 601-606-5150</u>

Sub-Site Location: VOLUNTEER FIRE STATIONS

Address	**see attached list
Contact Person	<u>FIRE CHIEF OF EACH DEPARTMENT</u>

Sub-Site Location: CHURCHES

Address	<u>** As needed</u>
Contact Person	<u></u>
Contact Number	<u></u>

Pre-Designated Donation Manager

COREY PROCTOR – County Planner

Contact Number	<u>(w) 601-583-6162 or © 601-5436860</u>
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FORREST COUNTY

ICE AND WATER DISTRIBUTION

CITY OF PETAL

NATIONAL GUARD MANNED AT THE MAIN SITE ONLY

Main Water and Ice Distribution Center: **PETAL FRIENDLY PARK**
Address 605 HILLCREST LOOP
PETAL, MS 39465

Contact Person TOM HARDGES

Contact Number 601-545-1776
Cell 601-325-4814

EOC Contact PAUL SHEFFIELD – OPS OFFICER

EOC Contact # 601-544-5911 or © 601-606-5150

CITY/COUNTY OR VOLUNTEER MANNED AT ALL SUB-SITES

Sub-Site Location: N/A

Address _____

Contact Person _____

Contact Number _____

Sub-Site Location: N/A

Address _____

Contact Person _____

Contact Number _____

Pre-Designated Donation Manager MELISSA MARTIN – (Volunteer)
Contact Number 601-545-1776 (City Hall) DS-6

Water and Ice Distribution Plan

FEMA / MEMA distribution trucks will deliver Water and Ice to the three main pre-determined distribution sites. The National Guard will only man these three main sites.

**Lake Terrace Convention Center
Petal Friendly Park
Forrest County Agriculture High School**

MAIN DISTRIBUTION SITES

The main sites will be responsible to distribute both to the general public and to pre-determined sub-sites and pre-determined critical facilities.

☉ **TO THE GENERAL PUBLIC:**

1. Main distribution site manned by National Guard will distribute ice/water (amounts may vary with availability) to the public.
2. Water / Ice amount will depend on availability.

☉ **TO SUB-SITES:**

1. Main distribution sites will allow Pre-Determined Sub-Sites from their jurisdiction to load Water/Ice (amounts may vary with availability) to be distributed from sub-sites. A list of these pre-approved sites for each jurisdiction (Hattiesburg, Forrest County, and Petal) will be kept at Main Distribution Site.

☉ **TO PRE-DETERMINED CRITICAL FACILITY AGENCIES:**

1. Main distribution site will allow pre-determined critical facilities i.e. nursing – assisted living facilities, hospital, and shelter – load bulk daily supplies.
2. Any critical facility that may request Water/Ice must first contact the EOC for pre-approval.
3. A list of pre-determined critical facilities will be kept at each Main Distribution Site.

SUB-SITE DISTRIBUTION LOCATIONS

All sub-sites must be approved by the Emergency Management District and Registered as an official site in order to receive bulk supplies from the Main distribution sites. Pre-Determined Sub-Sites will be responsible to pick-up and distribute to the general public.

☉ **TO THE GENERAL PUBLIC:**

1. A list of each Jurisdictions Sub-Sites will be maintained at the Jurisdictional Main Distribution Site i.e. Hattiesburg, County, Petal.
2. Pre- Determined Sub-Site Distribution Sites will be manned by Volunteers Only.
3. Sub-Sites must be able to pick-up Water and Ice from the Main Distribution Site in their jurisdiction.
4. Sub-Sites must supply own transport and loading crew. DS-7
5. Amount of Ice and Water for each sub-site will be on **AVAILABILITY ONLY**
BASIS!

6. Distribution of Ice and Water will be to the public only. (No groups or bulk distribution from Sub-Sites.) ****All bulk and group distribution will be from Main Site Only!**

PRE-DETERMINED CRITICAL FACILITY AGENCIES

- Ⓢ Critical facilities are deemed those who house elderly, disabled, medical and shelters
- Ⓢ Agencies in need of bulk daily supplies must make request through the EOC for the amount of ice/water daily request. The requesting agency will then be placed on the list of authorized agents to receive bulk supplies for their facility. (Amounts will vary with the amount of ice/water's availability)
- Ⓢ Main distribution site will allow pre-determined critical facilities load bulk daily supplies. (Amounts may vary due to availability)
- Ⓢ Critical facilities must supply own transportation and loading crew.
- Ⓢ A list of pre-determined critical facilities will be kept at each Main Distribution Site
- Ⓢ Critical facilities bulk supplies will be allowed to use own jurisdiction Main Distribution Site, (Hattiesburg, Petal, and Forrest County) example: If critical facility is located in Hattiesburg they must use the Hattiesburg Main Distribution Site.

Pre-Determined Equipment Needs:

Site One – Hattiesburg

HBG Lake Terrace Convention Center

1. Two (2) Fork Lifts
2. Two (2) Pallet Jacks
3. One (1) Tent
4. Two (2) Cooling Fans
5. One (1) 5kw Generator
6. One (1) Light Set
7. 15 Barricades
8. 50 Traffic Cones
9. Two (2) Large Dumpsters

Site Two - Petal

Petal Hudson Complex

1. One (1) Fork Lift
2. One (1) Pallet Jack
3. One (1) Tent
4. Two (2) Cooling Fans
5. One (1) 5kw Generator
6. One (1) Light Set
7. Five (5) Barricades
8. 25 Traffic Cones
9. One (1) Large Dumpster

Site Three - Forrest County

Forrest County AHS

1. One (1) Fork Lift
2. One (1) Pallet Jack
3. One (1) Tent
4. Two (2) Cooling Fans
5. One (1) 5kw Generator
6. One (1) Light Set
7. Five (5) Barricades
8. 25 Traffic Cones
9. One (1) Large Dumpster

MAIN POD SITE 1

LAKE TERRACE CONVENTION CENTER, HATTIESBURG

SERVING THE FOLLOWING VFD SUB-SITES:

DIXIE VFD

19 DIXIE BARN RD.

LT 31.1318

LG 89.1821

RAWLS SPRING VFD STATION 1

41 ARCHIE SMITH RD.

LT 31.2259

LG 89.221

RAWLS SPRING VEF STATION 2

512 ARCHIE SMITH RD.

LT n/a

LG n/a

NORTH FORREST VFD STATION 1

2315 GLENDALE AVE.

LT 31.2144

LG 89.1818

NORTH FORREST VFD STATION 2

1133 EATONVILLE RD.

LT 31.2537

LG 89.2117

MAIN POD SITE 2

HUDSON'S COMPLEX, PETAL

SERVING THE FOLLOWING VFD SUB-SITES:

MACEDONIA VFD STATION 1

610 MACEDONIA RD.

LT 31.2319

LG 89.1016

MACEDONIA VFD STATION 2

600 MACEDONIA RD.

LT

LG

MACEDONIA VFD STATION 3
711 LEEVILLE RD.
LT 31.2337
LG 89.1525

SUNRISE VFD STATION 1
1071 LUTHER CARTER RD
LT 31.1827
LG 89.1247

SUNRISE VFD STATION 2
177 MYERS RD
LT 31.1534
LG 89.1032

MAIN POD SITE 3
AHS BROOKLYN, FORREST COUNTY

SERVING THE FOLLING VFD SUB-SITES:

BROOKLYN VFD STATION 1
35 OLD HWY 49 SOUTH
LT 31.03234
LG 89.11211

McLAURIN VFD STATION 1
310 CARTER RD.
LT 31.000
LG 89.1309

McLAURIN VFD DANTZLER STATION 2
764 CHURCHWELL RD.
CARNES VFD
LT 31.1124
LG 89.1715

CARNES VFD STATION 1
268 JOHN MORRIS RD
LT 31.02280
LG 89.12454
CARNES VFD MAXIE STATION 2
105 MOFFETT RD.
LT 30.5732
LG 89.1008

<http://ms-ema.maps.arcgis.com/apps/MapTour/index.html?appid=6a1116e851cd40f78cfe1dcf16a49c24>

MAINE POD SITE 1
LAKE TERRACE CONVENTION CENTER, HATTIESBURG

SERVING THE FOLLOWING CHURCH AND OTHER SUB-SITES:

MOUNT CARMEL BAPTIST CHURCH

1101 NORTH MAIN ST.

LT 31.2003

LG 89.1747

UNIVERSITY BAPTIST CHURCH

3200 WEST ARLINGTON LP.

LT 31.1916

LG 89.2016

MCDOWELL-NANCE CONVENTION CENTER

123 OLD AIRPORT RD.

LT 31.1637

LG 89.1643

FIRST BAPTIST CHURCH

4142 LINCOLN RD.

LT n/a

LG n/a

Find attached the following forms:

Bulk Water/Ice Distribution Request Form

Tracking Form for Main Distribution Sites

Forrest County

General Population Shelter Plan

April 2017

Forrest County General Population Shelter Plan

Purpose

The purpose of this plan is to coordinate activities involved with the emergency provision of temporary shelters and mass feeding that will be conducted in Forrest County during an incident or disaster requiring such activity.

Concept of Operations

General

- The Forrest County Emergency Management Director, along with local officials, has the responsibility and authority to open shelters.
- Upon notification by Emergency Management of a potential or actual event requiring response, all ESF – 6 liaisons MS Department of Human Services (DHS), American Red Cross (ARC), and Salvation Army (SA) will report to the Forrest County EOC. Direct coordination of mass care activities will take place at this location.
- When necessary, the American Red Cross and Salvation Army, with the support of the Forrest County office of the Department of Human Services, will carry out all duties in meeting the needs of evacuees. This includes supporting each other in the operation of shelters, food services and emergency human needs.
- Shelter and feeding managers will be appointed to each shelter and will be responsible for the operation of their individual task/shelter.

Mass Care

General Population Shelters

- When an event gives prior warning, the EM Director will then make the call for which public shelters to be opened by American Red Cross and MS Depart. Of Human Services.
- Shelters might be used during floods, hazardous materials accidents, fires, hurricanes, earthquakes and post tornado if needed.
- Flood shelter utilization considers elevation criteria, surrounding topography, and structural integrity. Hazardous materials shelters consider the location of the hazard, wind direction, and duration of the hazard.
- All citizens who choose to locate at these temporary emergency public shelters will require food, water, the possible provision of emergency first aid, and a wide variety of other mass care services.
- In disasters requiring shelters to be opened and staffed, ARC and SA assigned to the EOC will keep vital records, charts and status of shelter & mobile units feeding status will be maintained by the Salvation Army assigned to the EOC as well. These persons will keep the Forrest County Emergency Management

Director fully informed on shelter and feeding status at all times throughout the emergency.

Opening Shelters

- Shelters would be required in two major emergency situations: (1) A local emergency situation, when residents of Forrest County would require sheltering within the County, or (2) a surrounding area emergency requiring evacuation, when residents from other areas would require sheltering in Forrest County.
- Local government will open shelters in coordination with the State. Forrest County Emergency Management Director will notify ARC and Salvation Army of the Mass Care ESF-6 activation. EM Director will request the opening of pertinent shelters.

Shelter Resources

- Forrest County Emergency Management maintains a up-date listing of shelters.
- Shelter Kits containing appropriate forms, handbooks, and identification have been prepared and are maintained by ARC.
- ARC also provides cots, communication equipment and other items necessary to shelter support.
- ARC also provides disaster health and mental health services

Mass Feeding/Procurement of Food Resources

- Feeding in Mass Care facilities will be the responsibility of the Salvation Army with coordination and additional feeding by the ARC and support from the County Agent's Office, and the Dept. of Human Services.
- The shelters with designated kitchen facilities will be considered as sites for mass feeding.

Pre-Incident

- Notification of all Emergency Services.
- Develop and coordinate shelter operations.
- Public information activities.
- Shelters will be stocked with appropriate supplies immediately prior to their activation.

Incident

- Open and staff shelters as needed.
- Distribute shelter kits and supplies.
- Complete shelter stocking.
- Shelter manager shall advise the ARC coordinator at the EOC when capacity of shelter space has been approached to allow for coordination to open additional shelter.

- Maintain communications between shelters and the EOC.

Recovery

- Keep shelters operational until emergency is manageable.
- Deactivate unnecessary shelters.
- As shelter and feeding operations are beginning to be phased out, relay or provide information regarding re-entry to points(s) of origin to all active shelter locations for dissemination to evacuees.
- Re-entry information, affecting evacuees from other counties/states sheltering in FORREST County, will be obtained from the State Emergency Operations Center and disseminated by Forrest County ESF – 6 personnel to the appropriate shelter locations.

Post-Incident

- Facilitating movement to temporary housing.
- Coordinate cleanup and restoration of facilities used for shelters.
- The Mass Care lead prepares an after-action report for closeout to the Forrest County EM Director.

Primary Agency Responsibilities

South Central MS Chapter of the American Red Cross (as per the attached executed agreement)

- Send a designated representative to the Forrest County EOC for shelter coordination.
- Designate and train shelter managers, shelter workers, health and mental health professionals for all Forrest County shelters.
- Maintain and keep current a contact list of shelter managers with day and night phone numbers.
- At the Emergency Manager's request, open and operate designated shelters.
- Establish shelter communications with the EOC.
- Provide shelter management kits and shelter registration forms.
- Coordinate all sheltering activities with the American Red Cross National Headquarters and the State Human Services office.
- Close and phase out shelter operations.
- Responsible for support of feeding operations with coordination with the Salvation Army of Hattiesburg.
- Develop and maintain a through and current mass care SOP.
- Provides team members to serve in the capacity of Site Coordinator, Assistant Site Coordinator, Shelter Supplies Manager, Signage Manager, Notification Manager, and Field Manager for the FEMA 361 Shelter.

Salvation Army of Hattiesburg

- Provide mass feeding operations in Forrest County.

- Act as overall Coordinator for Mass Feeding in Forrest County. (all feeding other than private organizations should coordinate feeding through the Salvation Army Office to ensure feeding is covered in all areas of Forrest County)
- Assist the ARC and Human Services with other shelter operations.

Department of Human Services

- Support and coordinate with the ARC and the Forrest County EM Director in shelter identification.
- Maintain communications with the Forrest County EOC.
- Work with Co-Coordinator Agencies, ARC and Salvation Army and all other support agencies to review and update this plan and submit to the Forrest County EM Director, for approval and publication.
- Develop and maintain a thorough and current mass care SOP.
- Shall be trained by ARC officials in shelter management.

The FEMA 361 Shelter Building

Overview

This facility, located adjacent to the James Lynn Cartledge Multi-purpose Center, will be utilized as a safe room shelter, and to house evacuees during an emergency such as, a hurricane making land fall in an area that will cause a direct impact to the Forrest County area. This shelter will be utilized as a temporary shelter until the emergency situation has diminished to the point that normal operations exist. Normally the shelter will provide safety to individuals until the storm has passed the area. Evacuees may be moved to other shelters if longer than 36 hours are required for sheltering.

Shelter Management Team

The Executive Director of the South Central Mississippi Chapter of the American Red Cross will serve as the Site Coordinator for the 361 Shelter. The Emergency Services Director of the ARC will serve as the Assistant Site Coordinator and Shelter Supplies Manager. Local ARC volunteers will serve in the capacity of Signage, Notification and Field Managers.

The Forrest County Building Service Manager serves in role of the Equipment Manager regarding maintaining equipment at the shelter and ensures that the equipment is maintained year-round and working properly.

Signage

The 361 Shelter will have a sign that identifies the building as a shelter and signage will be located along Sullivan Drive that identifies the building and parking. Also, the large light-emitting diode (LED) sign along U.S. Highway 49 will also direct users to the shelter. Signage will be placed along U.S. Highway 49 that

indicates the shelter location and if the shelter is open or closed. The South Central MS Chapter of the American Red Cross has additional signs if needed for placement along the transportation corridors.

Equipment and Supplies

Equipment and emergency supplies for the shelter will be provided by the ARC in the event that the shelter is activated.

NOTE: Any changes to any part of this plan must be submitted to the Forrest County EM Director for approval.

HATTIESBURG POLICE

EVACUATION

PLAN



EVACUATION PLAN IN THE EVENT OF A MAJOR COASTAL EVACUATION

REVIEWED

10/10

**HATTIESBURG POLICE DEPARTMENT
PLAN OF ACTION
EVACUATION PLAN IN THE EVENT OF A MAJOR COASTAL EVACUATION**

The City of Hattiesburg Police Department has a direct responsibility to manage intersections to assist in keeping traffic moving safely through the city.

Hattiesburg Police will focus on Highway 49 from both the North and South ends. Other law enforcement agencies will be assisting with traffic congestion throughout the city. Interstate 59 along with Highways 49 and 98 East will be used as the evacuation routes from the Louisiana, Mississippi and Alabama coastal areas.

The following locations have been evaluated and determined if they should be either manned or barricaded:

1. Camp Shelby's South Gate will be open.
2. Camp Shelby's North Gate Median will be closed to crossover traffic using barricades. (3) Barricades will be needed.
3. Highway 49/98 will have one (1) officer assigned to this location: Hwy 98 westbound on ramp to Hwy 49 will be closed to traffic using (2) two barricades. Hwy 98 eastbound will be open for vehicles wanting to go HWY 49 south only. Hwy 98/49 northbound Exit will be closed using two (2) barricades. Three (3) barricades will also be placed at the turn around crossing Hwy 49 souths across from Rose's Quick Stop to prevent vehicles from trying to turn around to go 49 north. A total of eight (8) Barricades will be needed.
4. Highway 49/Sullivan Drive: One (1) officer at this location.
5. Highway 49/Edwards Street: Two (2) officers assigned to this location with a traffic light control switch. The second Officer will assist with any other problems that may arise and also to rotate duties.
6. Highway 49/WSF Tatum Road: No officer will be needed. It will be monitored and barricaded on both sides of the intersections using four (4) barricades. Vehicles will not be able to turn left on Hwy 49 and go north. Traffic lights will be placed on Green to keep Hwy 49 traffic moving.
7. Highway 49 / Helveston Road: One (1) officer will be assigned to this location with a traffic control switch. Wisteria Drive and Helveston Rd will

be barricaded and traffic will not be able to enter Hwy 49. Both Service Drives will be open to traffic to allow vehicles to go to County Club road in order to use the crossover over Hwy 49. Four (4) barricades will be needed at this location along with several cones.

8. Hwy 49 / West Pine Street: One (1) officer will be assigned to this location with a traffic control switch. Barricades will be placed on both sides of Pine Street and any traffic traveling West on Pine Street having to take the Service Road to Broadway Dr. Barricades will be placed at Lincoln Rd at West Pine Street detouring traffic from Byron St back out to Broadway Drive. Six (6) barricades will be needed along with cones.
9. Broadway drive's ramp to Hwy 49 North will be closed. No officers will be assigned here. Two (2) barricades needed.
10. Hwy 49/Eddy Street: Two (2) officers will be assigned to this location with a traffic control switch. Traffic will not be able to cross Hwy 49. Traffic leaving the Mall will be allowed to merge onto 49 northbound only. Traffic leaving Wal-Mart side will only be allowed to go 49 southbound. Six (6) barricades will be used here along with cones.
11. Hwy 49/Mamie St: Two (2) officers will be assigned with a traffic light switch; priority will be given to emergency vehicles going to the Hospital. Four (4) Barricades, two (2) on both sides of the intersection will be placed here.
12. Hwy 49/Hardy St: Two (2) officers will be assigned with a traffic light control switch. Hardy St will be closed to all cross traffic, due to being one of the busiest Intersections in the city. A supervisor will be stationed at this location to monitor traffic and to see if turn lanes need to be closed. Barricades will need to be placed on both sides of Hwy 49, North 25th, South 28th Service Drive at USM entrance and the Service Drive at Walgreen's (11) Barricades will be needed.
13. Hwy 49/42 By-Pass: One (1) officer will be assigned with a traffic control switch. Traffic will be allowed to merge onto Hwy 49 northbound only. Three (3) barricades will be needed.
14. Hwy 49/31st Ave.: Two (2) officers will be assigned with a traffic control switch. North 31st Ave. will be closed on both sides of Hwy 49. Eight (8) barricades will be needed along with cones.

15. Hwy 49/Convention Center: Two (2) officers will be assigned with a traffic light control switch, and to assist with vehicles that may want to stop at the center for rest. Traffic leaving the center will be allowed to go Hwy 49 north only. Traffic coming from Campbell Scenic Dr. will only be allowed to go Hwy 49 southbound. Four (4) barricades will be needed.
16. Interstate 59/Hwy 49 and Hwy 49/I-59: No officers here. I-59 off ramp to Hwy 49 North along with I-59 on ramp both of these exits will be closed. Two (2) barricades and cones will be needed.
17. Hwy 49/Classic Drive: Two (2) officers will be here with a traffic control switch. No cross traffic allowed during high times. Six (6) barricades, three (3) on each side will be needed.

Note: There are four (4) locations that Hattiesburg citizens can use to cross Hwy 49 to avoid the evacuation congestion. The media will inform the public of available routes to travel and roads that are closed to traffic.

1. Country Club Road (Overpass)
2. Broadway Drive (Underpass)
3. 4th Street (Overpass)
4. 7th Street (Underpass)

19 HPD Officers will be needed to work these intersections. In the event of any unforeseen problems, it would be difficult for other officers to assist because of the traffic congestion. While one officer is operating the traffic controller, the other will be able to answer questions and work accidents etc., intersections with two or more officers.

Manpower: With 2 Patrol Platoons being called back in, and Traffic, Detectives, NET Warrants, Public Relations and Accreditation Sergeant. This will give approximately fifty-eight (58) officers extra to assist with this detail.

This number would be in addition to the regular on duty patrol platoon which each platoon has roughly a total of 12 or more officers.

The officers will be divided into two (2) shifts, day and night shift. Officers will work 12 hours shifts. (0600 hours to 1800 hours and 1800 hours to 0600 hours).

The City will be divided into North and South. The dividing line will be Hardy Street. Each section and each shift will have two commanders each to oversee the operations.

The following locations will be handled by assisting agencies. The city will request **thirty-two (32) officers, (sixteen – 16 - officers per shift)** from the state to assist during the evacuation detail.

1. Camp Shelby's Southgate one (1) Officer
2. Hwy 49/98 both Ramps, eastbound and westbound two (2) Officers
3. I-59 / 98 on ramp to I-59 Northbound one (1) Officer
4. I-59/ Veterans Memorial ramps one (1) Officer
5. I-59 / 49 two (2) Officers
6. I-59 / Hardy Street one (1) Officer

HIGHWAY 49 MEDIAN CROSSOVERS:

1. Between WSF Tatum and Helveston Road one (1) Officer
2. Between Helveston Rd and West Pine St one (1) Officer
3. Between Eddy Street and Mamie Street one (1) Officer
4. Hwy 49/ South of O'Ferral St one (1) Officer
5. Hwy 49 North at USM Intramural Field (1) Officer
6. Hwy 49 North at Fairchild Construction (1)
7. Hwy 49 North at East Dr. (1)
8. Hwy 49 at Sims Rd (1)

Traffic Maintenance has obligated 35 Type III Barricades (This may vary!)
MDOT will need to provide 35 barricades which will results in a total of 70.

Traffic Maintenance has obligated 20 Saw Horses.

NEEDED EQUIPMENT

- ⇒ 70 Barricades will be needed for this detail
- ⇒ 50 Type III Big Barricades – Traffic Maintenance
- ⇒ 150 Saw Horses, (smaller ones) – Traffic Maintenance

Prepared by: Captain Davis
Updated info: 05/25/06 – T. Steed

SCHOOL EMERGENCY RESPONSE PLAN

THE EMERGENCY MANAGEMENT DISTRICT

**CRISIS MANAGEMENT PLAN
PLANS AND PROCEDURES**

For

SCHOOLS WITHIN FORREST COUNTY

REVISED:

10/2004

10/2010

04/2017

The purpose of this Emergency Response Plan is to establish an efficient, reliable, and fast procedure for responding to major crisis that could occur in the Forrest County, City of Hattiesburg, or City of Petal public school system.

This ERP may be implemented in times of major crisis or the potential of an incident that could escalate to a major crisis.

This ERP supersedes any School Emergency Response Plan dated prior to this date.

Glen Moore, Executive Director

Date

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INITIAL EMERGENCY CALL OUT PROCEDURES

INITIAL EMERGENCY CALL OUT PROCEDURES -

****CONDITION I **** **STANDBY MODE ONLY!**

CONDITION I =====STAND-BY MODE
CONDITION II =====RESPONSE MODE

CONDITION I (STAND-BY)

SCHOOL FACILITY contacts:LAW ENFORCEMENT JURISDICTION.

LAW ENFORCEMENT Contacts: FORREST COUNTY S.O.
..... PETAL PD
..... HATTIESBURG PD
..... MS HWY PATROL
..... AAA AMBULANCE
..... EMERGENCY MANAGEMENT
..... LOCAL FIRE JURISDICTION
..... (HATTIESBURG -or- PETAL -or- VFD)

****CONDITION I IS STANDBY MODE ONLY****

EMERGENCY MANAGEMENT

..... RECALLS ALL AGENCIES TO PLACE ON STAND-BY
..... RED CROSS – SALVATION ARMY

INITIAL EMERGENCY CALL OUT PROCEDURES

****CONDITION II **** **RESPONSE MODE!**

CONDITION I =====STAND-BY MODE
CONDITION II =====RESPONSE MODE

CONDITION II (RESPONSE)

SCHOOL FACILITY (911) contacts:.....LAW ENFORCEMENT JURISDICTION.

LAW ENFORCEMENT Contacts:.....FORREST COUNTY S.O.
.....PETAL PD
.....HATTIESBURG PD
.....MS HWY PATROL
.....AAA AMBULANCE
.....EMERGENCY MANAGEMENT
.....LOCAL FIRE JURISDICTION
.....(HATTIESBURG –or- PETAL –or- VFD)

****CONDITION II IS RESPONSE MODE****

EMERGENCY MANAGEMENT

.....RECALLS ALL AGENCIES TO STAND-BY FOR RESPONSE
.....RED CROSS – SALVATION ARMY
.....MEMA
.....PINE BELT MENTAL HEALTH (CISM) *(NOTIFIED BY RED CROSS)

PHONE (CONTACT) LIST.....06-12

AGENCY	CONTACT	PHONE	AFTER HR PH	COMMENT
EMERGENCY CALL		911	911	
LAW ENFORCEMENT				
HATTIESBURG POLICE 601-545-4910	Anthony Parker	601-545-4903	601-297-9211	
PETAL POLICE	Leonard Fuller	601-544-5331	601-270-3152	601-544-5347 Fax
FORREST CO SHERIFF	BILLY MCGEE – SHERIFF	601-544-7800	601-544-7800	601-270-2784
HATTIESBURG POLICE	CENTRAL DISPATCH	601-545-4910	601-545-4910	
MS HIGHWAY PATROL		601-582-3529		
???FBI	???Daniel McMullen (Jxsn)	601-579-8436		Jxsn # 601-948-5000
ATF (if explosives are involved)	Gulfport ATF Office	228-863-4871	228-863-4871	
EMERGENCY MANAGEMENT				
EMERGENCY MGT	Glen Moore Director	601-544-5911 (W)	601-543-0185 (H)	601-606-9185© Pgr# 1101
EMERGENCY MGT	Paul Sheffield Operations Officer	601-544-5911 (W)	601-606-5150 ©	Pgr# 1103
EMERGENCY MGT	Jim Hennessey Communications Officer	601-544-5911 (W)	601-270-0524 ©	Pgr# 1104
FIRE				
MUTUAL AID COUNTY FIRE DEPARTMENTS	FORREST CO SO Dispatch	601-544-7800 (W)		
PETAL FIRE	Joe Hendry	601-544-5331 (Dispatch)	601-705-0908 (w)	601-520-1780 Pgr#:
HATTIESBURG FIRE	CENTRAL DISPATCH	601-545-4910		
FC FIRE COORDINATOR	Chip Brown	601-544-5911	601-270-1200	PGR# 1107
MEDICAL				
AAA AMBULANCE	DISPATCH	601-264-3404	601-264-3404	
FORREST GENERAL HOSPITAL	EMERGENCY ROOM	601-288-2100 (ER)	601-288-7000 (Switchboard)	
WESLEY MEDICAL	EMERGENCY ROOM	601-288-8193 (ER)	601-268-8000 (Switchboard)	
CRISIS COUNSELING & ASSISTANCE				
SALVATION ARMY	DANNY DICKINSON	601-544-3684 (W) 601-447-6278 ©	601-583-6672 (H)	PGR# 2900
RED CROSS	Michael Anderson	601-582-8151 (W)	601-520-7810©	

INTRODUCTION

I. STATEMENT OF PURPOSE

"The purpose of this EMERGENCY RESPONSE PLAN is to identify responding agencies and assign tasks in response to emergency conditions (major crisis) involving any Petal School Campus and its population."

II. SITUATION

An act of violence on a school campus involving firearms, bombs or other devices which can inflict harm to students, staff or directors. This situation would be of such scope that would be beyond the capability of school staff, school security and would require multi-agency response.

III. ASSUMPTION

During the normal school day staff and facility can handle routine emergencies. However, events with potential threat or actual harm through fire arms or other devices being discharged, or threatened to discharge, and or hostage situations, would require response from all area Law Enforcement Agencies, EMS and Emergency Response Agencies.

IV. COMMAND AND CONTROL

The Agency in charge of the evident will be the Law Enforcement agency; with responsibility for that area i.e. Forrest S.O. - county area, Petal Police Department - Petal city limits and HPD city of Hattiesburg.

INCIDENT COMMAND

- A. The first officer arriving on site will assess the situation and establish the Command Post and assume command of the situation until relieved by someone of higher authority. The first Incident Commander will report to their dispatch the nature of the situation and request the necessary support from other agencies.**

- B. Upon arrival of first units control of the following situation information should be first priority:**
 - 1. Is the person or persons causing the harm still on site?**
 - 2. Injuries? How many? How severe? Can they be reached safely by EMS?**
 - 3. Protection of students, staff and guest**
 - a. Where should they go?**
 - b. How do they get there?**
 - c. Who is responsible for their safety and accountability?**
 - 4. BE AWARE THAT THE CAMPUS HAS BECOME A CRIME SCENE AND TAKE PROTECTIVE MEASURES TO PRESERVE THE EVIDENCE.**
 - 5. Permanent Command Post location? The following considerations should be addressed:**
 - a. CP should be easily recognizable and accessible to more than one road if possible.**
 - b. Location should be close but not in danger of the event.**
 - c. Crowd control measures taken to limit access to the CP.**
 - d. Length of Operation from CP.**

6. Traffic Control - considerations.

- a. Parents trying to get to the school, on-lookers and normal day-to-day traffic problems.**
- b. Decision to BLOCK TRAFFIC on roads adjacent to school campus should take into consideration the following:**
 - 1. Intensive manpower and lots of time.**
 - Could hinder access of emergency traffic to and from the school.**
 - Is it safe for traffic to continue adjacent to school campus?**
 - Should roadblocks begin on campus and expand outward as necessary and as manpower becomes available?**
- c. Develop a traffic pattern on Campus to accommodate emergency traffic and allow the entrance and exit of school buses if school has to be evacuated.**

7. Isolate the campus and designate safe areas that are away from harm if possible.

8. IC assigns SECURITY to CP - MEDIA – FAMILY assemblies.

AGENCY RESPONSIBILITY

SCHOOL OFFICIALS

_____ **PLACE 911 CALL AND REPORT THE SITUATION. STAY ON LINE WITH 911 TELECOMMUNICATOR TO GIVE ADDITIONAL INFORMATION.**

_____ **INSURE THE STUDENTS, STAFF AND OTHER CAMPUS VISITORS ARE MOVED TO A SAFE PLACE. <THIS MAY BE IN THE BUILDING IF THE INCIDENT IS OUTSIDE, OR IT MAY REQUIRE THE EVACUATION OF THE BUILDING IF INSIDE INCIDENT. >**

_____ **MAINTAIN CONTROL AND ACCOUNTABILITY OF THE STUDENTS AND STAFF.**

_____ **KEEP OPEN PHONE LINES FOR EMERGENCY CALLS.**

_____ ***ESTABLISH CONTACT WITH FIRST ARRIVING LAW OFFICER AND REPORT THE SITUATION.***

_____ **SCHOOL OFFICIALS (Superintendent or his/her representative) TO BE LOCATED AT CP**

_____ **PROVIDE EMERGENCY ACTION KIT TO THE COMMAND POST:**

Floor Plans of all buildings with the following info:

Location of Lockers

Electrical Power systems

Gas main shut-offs

**PHONE NUMBERS OF ALL PHONES AND
THEIR LOCATION.**

Campus layout showing each bldg and all roads

Arial photos

Emergency Contact numbers for staff

Maintenance personnel contact list

**____ SCHOOL OFFICIALS SHOULD BE LOCATED AT THE STUDENT
ASSEMBLY AREA**

**____ AFTER THE Incident Command IS ESTABLISHED, SCHOOL
RESOURCE OFFICER (POLICE) STATIONED AT THE CP TO ADVISE
TACTICAL UNIT OF SCHOOL LAYOUT OR OTHER INTELLIGENCE
NECESSARY FOR TACTICAL OPERATIONS.**

**____ EVACUATION AND TRANSPORTATION OF STUDENTS AND
FACULTY TO A PRE-DETERMINED LOCATION. SCHOOL STAFF
WILL ACCOUNT FOR ALL STUDENTS AND MEET PARENTS TO PICK
UP STUDENTS.**

- **This must be supported by Law Enforcement and a media
statement telling Parents where to assemble.**

**____ BOMB SEARCH TEAM FROM SCHOOL SHOULD BE
AVAILABLE TO SEARCH THE BUILDING WITH LAW
ENFORCEMENT OR EOD.**

**____ BE PREPARED TO HANDLE OUTSIDE MEDIA WITH LIVE
TELECAST VEHICLES FROM MANY STATIONS. THIS WILL
REQUIRE A GREAT DEAL OF COORDINATION AND BE A MAJOR
CONTROL FACTOR IF NOT HANDLED PROPERLY.**

PRIMARY LAW ENFORCEMENT AGENCY

____ CONTAIN THE SITUATION

____ ESTABLISH INCIDENT COMMAND

**____ REQUEST ASSISTANCE THROUGH YOUR
DISPATCH. i.e. EMS - ADDITIONAL LAW
ENFORCEMENT - FIRE DEPARTMENTS - etc.**

**____ CONTINUE ASSESSMENT OF THE SITUATION AND
UPDATE DISPATCH TO DISSEMINATE INFORMATION
TO RESPONDING AGENCIES.**

**____ ESTABLISH COMMUNICATION WITH SCHOOL
OFFICIALS ON CAMPUS.**

**____ ISOLATE SCHOOL CAMPUS TO PREVENT ENTRY
AND EXIT BY VEHICLES.**

**____ RESPOND ON PRIMARY TALK GROUP – GO TO
LAW COMMAND UPON ARRIVAL.**

MUTUAL AID LAW ENFORCEMENT AGENCY

**____ ASSIST PRIMARY LAW IN CONTAINMENT AND
CONTROL OF THE SITUATION**

**____ ASSUME POSITIONS OF ASSIGNMENT AS PER THE
PLAN OR AS ASSIGNED BY OIC ON SITE.**

**____ KEEP TRAFFIC MOVING ON ROADS ADJACENT TO
THE SCHOOL TO ALLOW EMERGENCY ACCESS**

**____ REQUEST 2 WRECKERS TO STAGE AT THE OUTER
LIMITS OF THE ROAD BLOCKS TO ASSIST IN
CLEARING ROAD OF ABANDONED AUTOS**

____ RESPOND (AS ON PAGE 5)

LOCAL FIRE DEPARTMENT

_____ BE AWARE THAT THE SITUATION MAYBE LIFE
THREATENING (OTHER THAN FIRE!) DO NOT APPROACH
WITHOUT LAW ENFORCEMENT CLEARANCE.

_____ ASSIST LAW ENFORCEMENT IN TRAFFIC CONTROL

_____ PROVIDE FIRST- RESPONDERS AND EMERGENCY RESCUE
ASSISTANCE TO AAA AND OTHER EMS PERSONNEL

_____ ASSIST IN SEARCH AND RESCUE (SAR) MISSIONS AS ASSIGNED
BY INCIDENT OIC.

_____ RESPOND TO ANY FIRE OR FIRE RELATED SITUATION ON
CAMPUS ONLY IF GIVEN CLEARANCE.

_____ RESPOND ON PRIMARY TALK-GROUP – GO TO LAW
COMMAND UPON ARRIVAL

MISSISSIPPI HIGHWAY PATROL

_____ ASSIST IN TRAFFIC CONTROL AROUND THE SCHOOL CAMPUS

_____ PROVIDE TACTICAL SUPPORT IF NEEDED TO THE PETAL PD
TO GAIN AND MAINTAIN CONTROL OF THE SITUATION

_____ MAN ROAD BLOCK AS IN DIRECTED ON THE MAP ALONG THE
MAIN HIGHWAYS ADJACENT TO THE SCHOOL

_____ RESPOND ON PRIMARY TALK-GROUP – GO TO LAW
COMMAND UPON ARRIVAL

MUTUAL AID POLICE DEPARTMENT

____ PROVIDE MUTUAL AID TO PETAL POLICE DEPARTMENT IN
LAW ENFORCEMENT DUTIES AT THE SCHOOL

____ ASSIST RESPONDING AGENCIES IN TRAFFIC CONTROL

____ PROVIDE STAR TEAM RESPONSE TO HOSTAGE SITUATION OR
ARMED SUSPECT ON CAMPUS

- ____ REPORT TO CP UPON ARRIVAL IN PERSON OR VIA 800 MHZ
RADIO AS DIRECTED BY HPD DISPATCH

____ RESPOND ON PRIMARY TALK-GROUP – GO TO LAW
COMMAND UPON ARRIVAL

AAA AMBULANCE SERVICE

- ____ PROVIDE MEDICAL SUPPORT AT STAGING AREA AS
REQUIRED
- ____ CONTACT HOSPITALS OF SITUATION AS REQUIRED
- ____ SET UP TRIAGE AREA IF REQUIRED

____ SENIOR MEDICAL PERSON ON SITE - DETERMINE NUMBER OF
AMBULANCES & MEDICAL RESPONSE NEEDED

- ____ DETERMINE IF VICTIMS ARE IN AN AREA THAT IS SAFE TO
TREAT

____ COORDINATE WITH CP AND SCHOOL OFFICIALS ON NUMBER
OF PERSONS TREATED AND TRANSPORTED. *IF POSSIBLE -
NAMES OF TRANSPORTED PERSONS SHOULD BE TRANSMITTED

**TO SCHOOL OFFICIALS AND SENIOR LAW ENFORCEMENT REP
ON SITE.**

**_____ COORDINATE ALL EMS FUNCTIONS INVOLVED IN THE
INCIDENT.**

**_____ MAINTAIN CONTACT WITH CP AND KEEP UPDATED
INFORMATION AVAILABLE TO THE OIC.**

_____ PROVIDE SUPPORT TO FAMILY ASSEMBLY AREA

**_____ WILL OPERATE ON PRIMARY OR AS ASSIGNED BY
DISPATCHER**

EMERGENCY MANAGEMENT

____ PROVIDE COMMUNICATION SUPPORT TO RESPONDING AGENCIES

____ PROVIDE MOBILE COMMAND POST VEHICLE AND SUPPORT PERSONNEL AS REQUIRED

- **____ ASSIST INCIDENT COMMANDER IN COORDINATION OF OPERATIONS**
- **____ PROVIDE LOGISTICAL SUPPORT: i.e. SALVATION ARMY AND/OR RED CROSS ASSISTANCE.**
- **____ ESTABLISH A JOINT INFORMATION CENTER**

____ CONTACT OR (RE-CONTACT) ALL RESPONSE AGENCIES AND APPRAISE THEM OF THE SITUATION. REQUEST ALERT STATUS OF ALL RESPONDING AGENCIES AND COMMUNICATE REQUEST FOR RESPONSE WHEN DIRECTED BY OIC.

____ RESPOND ON PRIMARY TALK-GROUP – GO TO LAW COMMAND UPON ARRIVAL.

AMERICAN RED CROSS

_____ **PROVIDE SUPPORT AT STUDENT AND FAMILY ASSEMBLIES.**

_____ **ASSIST SCHOOL OFFICIALS AT ASSEMBLY AREAS IN ANY WAY POSSIBLE.**

- _____ **RESPONSIBLE FOR COORDINATING ANY ASSEMBLY AREA REFRESHMENTS (IF NEEDED).**
- _____ **RESPONSIBLE TO NOTIFY AND WORK WITH AND ALONG SIDE MENTAL HEALTH PERSONNEL IN THE ASSEMBLY AREAS.**

_____ **ASSIST IN KEEPING RECORDS OF ALL STUDENTS AND THEIR RELEASE TO PARENTS (IF SCHOOL OFFICIALS DESIRE THIS HELP).**

_____ **PROVIDE NURSES IN THE ASSEMBLY AREA TO HELP WITH MINOR CUTS AND ABRASIONS IF NECESSARY.**

SALVATION ARMY

_____ RESPONSIBLE FOR REFRESHMENT NEEDS OF EMERGENCY AND RESPONSE WORKERS ON COMMAND POST SITE. (THIS COULD BE MANY, MANY HOURS OPERATION.)

_____ ESTABLISH A “RELAXATION” AREA (ON COMMAND POST SITE BUT AWAY FROM CP) FOR EMERGENCY WORKERS. PROVIDE REFRESHMENTS- CHAIRS – ETC. IN A SHADED OR TENTED AREA IF POSSIBLE.

_____ PROVIDE SPIRITUAL SUPPORT IN “RELAXATION” AREA FOR EMERGENCY WORKERS.

_____ PROVIDE SPIRITUAL SUPPORT TO BOTH RESPONSE WORKERS AND VICTIMS AND FAMILIES.

- **_____ COORDINATE WITH OTHER SPIRITUAL SUPPORT GROUPS “LOCAL MINISTER’S AND MINISTERIAL GROUPS” IN PROVIDING SPIRITUAL SUPPORT TO VICTIMS AND FAMILIES.**

MENTAL HEALTH

____ PROVIDE SUPPORT AT STUDENT AND FAMILY ASSEMBLIES

____ ACTIVATE “CISM” FOR BOTH STUDENTS AND EMERGENCY WORKERS.

- **____ PROVIDE MENTAL HEALTH “CISM” PERSON AT “RELAXATION AREA” ESTABLISHED BY SALVATION ARMY AT THE COMMAND POST AREA SITE.**

CONCEPT OF OPERATIONS

INITIAL NOTIFICATION

School Official upon observing an incident that has occurred or has the potential of escalating to a dangerous situation, place the initial 911 call and request assistance.

The telecommunicator that received the call should notify the following agencies and advise them to respond and what communication channel to use.

- **Forrest S.O.**
- **Petal PD**
- **Hattiesburg PD**
- **MHP**
- **Petal Fire Dept**

As the responders arrive and contact the Incident commander at the CP and assume assigned duties. Contact with the CP should be maintained through 800 MHz disaster channel EOC2 or high band - statewide law.

An Administrative Officer should be appointed at the CP to maintain a record of units arriving, their assigned responsibility and means of communication.

All operations should be coordinated through the CP

The Incident Commander or his representative should approve all operations and be kept abreast of any changes as they occur.

MEDIA

A media representative from the School and the Law Enforcement Agency in charge should be appointed and available to brief the media.

- **A Joint Information Center (JIC) shall be established adjacent to but away from the CP.**
- **As media personnel arrive they should be directed to this designated area and advised to wait for a briefing and updated.**

The JIC should be located in a safe area that allows a reasonable unobstructed view of the general area of the incident.

- **All media questions should be directed to the JIC.**

FAMILY ASSEMBLY

An area should be established on campus that allows parents to assemble to obtain information about the safety of their children.

A school official should be present to keep the parents informed.

- **Forrest SO. Should handle security for this area.**

WITNESS HANDLING

- **All witnesses should be brought to the CP area to be interviewed. (BUT NOT INTO THE COMMAND POST).**

An area away from the school should be established to hold any witnesses until their parents can be contacted.

A school official should accompany the students that witnessed the incident to this location and maintain accountability until the Law Enforcement Agency in charge releases them to their parents.

EMERGENCY ROAD CLEARANCE PLAN

The PSAP of the response area will request at least (2) TWO WRECKERS be staged at the road blocks on the outside limits of the area to assist in clearing autos that are blocking the road.

Where possible, vehicles will be towed to a safe area off the road and left so traffic can move. If this is not possible a designated area will be established to store these vehicles during the emergency.

The objective is simply to clear the road and where possible leave the vehicle close to the area where its owner abandoned it for later retrieval. This will need to be accomplished rapidly to avoid delay of access to the school campus by emergency vehicles.

SCHOOL CAMPUS DESIGNATED AREA
(See campus map)

COMMAND POST

- **Located close to the school building involved but in a safe area from hazards such as gunfire or bomb threat. Location should have access to public roads so responders can reach the CP.**
- **Security of the CP should be considered. Only authorized persons should be allowed in the CP area location.**
- **Police officers should provide CP security.**
- **Police Tape should be stretched around the CP area with one designated area for entrance and exist.**
- **The CP will be established at the location per the plan or as assigned by OIC**
- **TEMD will transport the CP and ensure all systems are operational.**
- **A representative from each Law Enforcement agency will provide a CP representative to be in the CP area that will maintain operational status of his/her agency on site.**
- **Resource inventory and location will be maintained in the CP through communications with all response agencies. As agencies report to CP area a report of available resources will be made to the representative in the CP area.**
- **TEMD staff will maintain a resource allocation chart in the CP area for availability and utilization during the operation.**
- **All units will communicate with their agency representative in the CP area for assignment of tasks.**
- **NO OPERATION WILL BE INITIATED OR SUSPENDED WITHOUT CONFIRMATION FROM THE CP or OIC.**

COMMAND POST PERSONNEL

OIC

ASST. OIC

COMMUNICATIONS SPECIALIST

RECORDER (ADMINISTRATIVE OFFICER)

TACTICAL OFFICER

EMERGENCY MANAGER

ADJACENT COMMAND #1

- Tactical Unit
- Negotiators

ADJACENT COMMAND #2

- Fire
- EMS
- Volunteer Agencies

MEDIA ASSEMBLY AREA (JOINT INFORMATION CENTER "JIC")

This area should be located a safe distance from the incident area but close enough for reported to view area safely.

- **A representative from the School System and Law Enforcement should be located with the media to provide current information and keep the media abreast of the conditions. RUMOR CONTROL IS VITAL!**
- **Scheduled News Conferences should be announced and held at the Media assembly area.**
- **Media should be discouraged from interviewing students at the scene.**

PARENT'S ASSEMBLY AREA

- **This area should be clearly designated.**
- **Possible assembly area could be School Auditorium - or some type area that could accommodate large numbers of persons. Assembly area could possibly be a parking lot area. All assembly areas must be in a non-danger area.**
- **Parents should be allowed to assemble and obtain information about the welfare of their child.**

Law Enforcement and school officials should be present at this area to provide correct information to parents. RUMOR CONTROL IS VITAL!

- **Many Parents will want to talk to their child or check them out. If the child leaves the campus School officials should record the time and person who checked the child out.**

STUDENT VEHICLES ON CAMPUS

Because of safety concerns, Students should be discouraged from leaving the campus in their cars until situation is under control.

- **Traffic conditions will be extremely hazardous during an incident and allowing students to enter the traffic flow will only add to the confusion.**

ROAD BLOCKS AND TRAFFIC CONTROL

NOTE: Traffic will be a major problem during an incident. Parents will be trying to get to the schools in large numbers. Emergency vehicles will need unrestricted access. Some vehicles will likely be abandoned in the road and require towing.

- **First concern should be safety of the traffic from any harm from the incident, i.e. gun fire, bomb blast, etc.**
- **Initially traffic will be blocked and detour routes established around the school.**
- **Officers will be placed at intersections along the detour area to prevent access and allow emergency vehicles access to school.**
- **Where possible the left lane will be used by emergency traffic to proceed with caution to reach the campus.**
- **As the campus situation becomes contained and under control - traffic will be allowed to resume adjacent to the school but access to the campus limited by law enforcement.**

Traffic must continue to move adjacent to the campus and closely monitored by law enforcement.

Fire Department personnel can be used to direct traffic around detour routes and prevent access to primary blocked areas through minor roads that intersect with blocked highways.

CONDITION 1

CONDITION 1 - Threat Exist but Emergency Response is NOT needed by all Responders:

SCHOOL ADMINISTRATION SHOULD:

PLACE ADMINISTRATIVE CALL:

FORREST SHERIFF - 601-544-7800

PETAL POLICE - 601-544-5331

HATTIESBURG PD - 601-545-4910

LAW ENFORCEMENT SHOULD:

CONTACT THE FOLLOWING AGENCIES FOR ALERT AND STAND-BY CONDITIONS:

OTHER LAW ENFORCEMENT AGENCIES

FORREST Co SHERIFF - 601-544-7800

PETAL PD - 601-544-5331

HATTIESBURG PD - 601-545-4910

MS HWY PATROL - 601- 582-3529

AAA AMBULANCE SERVICE – 601-264-3404

EMERGENCY MANAGEMENT – 601-544-5911

****NOTE: DURING "CONDITION 1" ALERT ONLY THE LAW ENFORCEMENT AGENCY THAT HAS PRIMARY RESPONSIBILITY TO RESPOND. THE OTHER AGENCIES WILL BE PREPARED TO RESPOND IF REQUESTED AND ASSUME ASSIGNED TASK AS OUTLINED IN THE RESPONSE PLAN.**

CONDITION 2

CONDITION 2 - An incident has occurred on the school campus that has resulted in injury or hostage situation and response is required for all area Emergency Responders.

**NOTIFICATION:
SCHOOL ADMINISTRATION SHOULD:**

**PLACE EMERGENCY 911 CALL: (call should go to Law
Enforcement Agency that has jurisdiction.)**

FORREST SHERIFF - 911

PETAL POLICE - 911

HATTIESBURG PD - 911

LAW ENFORCEMENT DISPATCH CENTER SHOULD:

1. DISPATCH AVAILABLE UNITS TO THE INCIDENT.

**2. CONTACT ALL RESPONSE AGENCIES AND REQUEST
ASSISTANCE. PROVIDE AGENCIES INFORMATION
CONCERNING COMMUNICATIONS AND ROUTES OF ENTRY.**

- **FORREST CO SHERIFF** (respond on primary talk-group go to Law Command upon arrival)
- **PETAL PD** (respond on primary talk-group go to Law Command upon arrival)
- **HATTIESBURG PD** (respond on primary talk-group go to Law Command upon arrival)
- **AAA** (respond on primary talk-group and await instructions)
- **MS HWY PATROL** (respond on high band statewide law)
- **EMERGENCY MANAGEMENT** (respond on primary talk-group go to Law Command upon arrival)
- **LOCAL FIRE DEPARTMENT** (respond on primary talk-group go to Law Command upon arrival)
- **HATTIESBURG FIRE** (respond on primary talk-group go to Law Command upon arrival)

- 3. DISPATCH SHOULD MONITOR ALL TRAFFIC UNTIL COMMAND POST IS ESTABLISHED AND THEN RELINQUISH TO CP.**
- 4. EMERGENCY MANAGEMENT WILL NOTIFY STATE AND VOLUNTEER AGENCIES FOR STAND-BY AND THEN FOR ACTUAL RESPONSE WHEN NEEDED:**
 - MEMA 800-222-6362**
 - RED CROSS - 601-582-8151**
(Red Cross will contact CISM when they respond)
 - SALVATION ARMY 601-544-3684**

FIRST ARRIVING UNIT

FIRST ARRIVING UNIT SHOULD:

- 1. Locate School Officials who should meet them outside the building involved and provide all vital information concerning the situation.**
- 2. Establish a Command Post notify DISPATCH where it is located.**
- 3. Determine what action is required to contain and control the situation.**
- 4. Assign tasks to officers arriving for response to the campus.**
- 5. Determine if roads should be closed and traffic detoured.**
- 6. Update Senior Officer upon arrival and relinquish Command to OIC.**

****ONCE INITIAL RESPONSE IS COMPLETE, UNIFIED COMMAND STRUCTURE WILL BE FORMED BETWEEN SCHOOL OFFICIAL, SENIOR LAW ENFORCEMENT OFFICER, EMERGENCY MANAGEMENT DIRECTOR AND EMS.****

UNIFIED COMMAND

- 1. Will operate out of the CP and establish and maintain communications with all units on site and the Dispatch Operations.**
- 2. All operations will be preformed with the notification and approval of the OIC and unified command.**
- 3. Records of all operations will be maintained at the CP.**
- 4. Personnel from Emergency Management or another response agency will serve as recorders and maintain maps and radio communication with field operations.**

UNIFIED COMMAND AND MEDIA RELEASE

- 1. Unified Command will prepare a statement for Media and determine the Media spokesperson for the Incident.**
- 2. An initial MEDIA RELEASE will be prepared and communicated to all media sources as soon as possible after arrival.**
- 3. Regular media conferences will be established and information communicated to the public through these conferences.**
- 4. Only designated persons will be authorized to release information to the media.**
- 5. RUMOR CONTROL will be handled by the PIO or designated spokesperson. All official information coming from one source will prevent misinformation from becoming a problem.**

COMMUNICATION ANNEX

COMMAND POST: will operate on 800 MHZ - EOC 1 Disaster Channel.
(All communication between agencies with the CP will be via this channel.)

LAW ENFORCEMENT AGENCIES: will operate on 800 MHZ Delta (D) channel. (County Law Mutual Aid and MHP IF UNABLE to communicate on 800 MHZ will utilize statewide law Channel high band)

MEDICAL RESPONSE: AAA Ambulance and EMS mutual Aid will operate on AAA Radio system to EMS operations.

SPECIAL OPERATIONS: will communicate on their assigned talk-groups to talk to other team members.

COMMAND AND CONTROL ANNEX

- All responding agencies will remain under the Direct Command of the Senior Officer from their agency.
- Operational control for the Incident will be assigned to the Senior Law Enforcement Officer (OIC) of the jurisdiction in which the operation is conducted.
- The Senior Officer from each responding agency will coordinate with the OIC via 800 MHZ EOC 1 Disaster Channel.
Coordination of the overall operation will be maintained through the CP.
- No operations will be initiated or suspended without coordination with the OIC at the CP.

JIC

JOINT INFORMATION CENTER

SOP

THE EMERGENCY MANAGEMENT DISTRICT

2005

Updated:
April 2017

JOINT INFORMATION CENTER SOP

MISSION: The JIC (Joint Information Center) will serve as a collection and dissemination unit for all Information pertaining to a specific operation. This unit brings together and assembles all agency information in order to develop a summary report of the operation.

ORGANIZATION: The JIC will be manned by the District Operations Officer, the District's PIO, and any participating Response Agency's PIO's. Volunteer staff will be called upon to perform necessary administrative duties to ensure accurate dissemination of information.

FUNCTIONS:

- 1- Collect data from all agencies involved with specific details that relate to the functional areas of operation.
 - a. Law Enforcement
 - b. Fire Service
 - c. Emergency Medical
 - d. Shelter & Mass Care
 - e. Mutual Aid (outside)
 - f. Military Assistance

- 2-Maintain SITUATION BOARDS in JIC area listing participating agencies and current facts concerning the situation.

- 3-Develop summary reports for Director, Governmental Authorities and media briefings.

- 4-Present update briefing as required to Media, Public Officials, and Director.

- 5-Prepare News Releases as required.

- 6-Submit updated situation reports to MEMA as required.

BRIEFINGS: 1-Briefings will be conducted by the Director or PIO as appropriate.

- 2-Each briefing will have a representative from the participating agencies that have significant operational involvement in the incident. This enables each agency to make specific reports and answer questions relating to their area of expertise.

- 3-All briefings will be prepared from a cooperative agreement from all participating agencies. Everyone will be allowed input and agree upon any statement BEFORE it is released.

EMERGENCY OPERATIONS CENTER
Standard Operational Procedures
For
Natural and/or Man Made Emergencies

THE EMERGENCY MANAGEMENT DISTRICT
4080 U.S. HWY 11
Hattiesburg, MS 39402

October 1997
Updated
April 2017

INTRODUCTION

The purpose of this Standard Operating Procedure is to establish EOC procedures for efficient, reliable, and early notification in the Hattiesburg-Forrest County area in the event of a natural or man-made emergency.

This Standard Operating Procedure may be implemented in any emergency or disaster situation where early warning to the general public is needed.

This Standard Operating Procedure supersedes the any SOP dated prior to signature date.

Glen Moorc, Executive Director

Date

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NATURAL EMERGENCIES

TORNADOS

Tornadoes are local storms of short duration formed of winds ROTATING at very high speeds, usually in a counterclockwise direction. These storms are visible as a vortex, a whirlpool structure of winds rotating about a hollow cavity in which centrifugal forces produce a partial vacuum.

These small, severe storms form several thousand feet above the earth's surface, usually during warm, humid, unsettled weather, and usually in conjunction with a severe thunderstorm.

TORNADO SEASON

This is a term used to describe the months of the year in which peak tornado activity occurs. The generally accepted tornado season runs from February - May. Although these months are the peak months, tornadoes can and do occur in all months. The most active tornado months in Mississippi are February, March, April, May and November.

DIRECTION OF TRAVEL

Tornadoes typically follow a prescribed path. In Mississippi, this path is generally from the Southwest to the Northeast; that is, they generally move toward the Northeast. Tornadoes may be reported as traveling in a Northeast direction at 10 to 30 MPH for example.

SEVERE THUNDERSTORM

Severe thunderstorms can and do produce damaging thunderstorm winds and/or large hail. Dangerous lightning and heavy rainfall will also accompany severe thunderstorms.. Severe thunderstorms often produce tornadoes.

HURRICANE

Hurricanes contain strong and very pronounced rotary circulation, damaging wind speeds of 74 miles per hour or more, and can produce heavy rainfall causing flood conditions as well development of tornadoes.

FLOODS

A flood is the temporary inundation of dry land areas due to unusual and rapid accumulation of runoff of surface waters from any source. A flood may last only a few hours, as in flash flooding, or up to a week or more as in river flooding.

In the Hattiesburg - Forrest County area flooding most often occurs (but is not limited to:) Forrest County - Bouie and Leaf Rivers - Gordon's Creek - Greens Creek - and Black Creek.

Flooding can occur on all of these areas as a result of heavy thunderstorms in and of themselves or associated with hurricanes or storm front passages.

WINTER STORM

Severe winter storms producing ice storms and single digit and below zero weather do not occur very often but are a threat to the Hattiesburg - Forrest County area. These storms can take the form of a minor ice storm to a full-scale winter storm with high winds, ice, and snow. Ice storms coat the ground, highways, bridges, buildings, and any other exposed structures with ice, which can cause extensive damage, with power lines down, streets impassable and normal emergency services limited, life and the economy are at risk.

EARTHQUAKE

An earthquake is the oscillating movement of the earth's crust caused by the rupturing of great masses of rock miles beneath the surface of the earth. The energy released by an earthquake at its focus travels as "seismic waves" through the earth and along the surface. For this reason an earthquake may produce tremors far from its epicenter. These aftershocks may occur hours, days, or even weeks after the quake, which caused them.

An earthquake in the Hattiesburg - Forrest County area is a rare occurrence but not impossible. Most activity has been from aftershocks from distant quakes with no record of epicenters within either county. Based on the preliminary map of young faults as a guide to possible fault activity as indicated by the Department of Interior, U.S. Geological Survey there exist the possibility of an earthquake in this area.

MAN-MADE EMERGENCIES

HAZARDOUS MATERIALS

Hazardous materials may be defined as any element, compound or combination thereof, which is flammable, corrosive, detonable, toxic radioactive, an oxidizer, an etiologic agent, or highly reactive, and which, because of handling, storage, processing, or packaging, may have detrimental effects upon operating and emergency personnel, the public, equipment and/or environment. There are many users, producers, and shippers of hazardous materials throughout the country, but federal regulations, state laws, and industrial safety standards provide strict guidelines for safety. Thus, while accidents do occur, they are usually within the confines of an industrial site and affect only a few people.

TRANSPORTATION ACCIDENTS

Forrest County and all towns and cities within are exposed daily to the possibility of a major air, highway or rail accident. These accidents can be so minor as to need very limited emergency response or large and involved enough to overtax the capabilities of the local emergency services. The type of transportation accident of most concern is the one involving hazardous materials. Quite often the difference between major and minor is dependent upon the response made to them by the emergency services.

NATIONAL SECURITY

NUCLEAR WAR

A war related incident affecting the Forrest County area would constitute an all out attack on the United States and would involve either conventional attack, chemical warfare, biological warfare or nuclear attack.

ACTS OF TERRORISM

A terrorist act is any type of act taken by an individual or group that holds a grudge against someone or some organization that endangers or threatens to endanger the lives and activities involved in the day to day affairs of the county and its citizens.

Terrorist acts can be anywhere and anytime. The City of Hattiesburg and Forrest County are no exception in that Camp Shelby and Government facilities are stationed throughout the county.

CIVIL DISTURBANCE

A civil disturbance is any type of activity taken by an individual or group that endangers or threatens to endanger the lives and activities involved in the day to day affairs of the county and its citizens.

Forrest County and the cities therein are not exempted from such disturbances.

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GENERAL RESPONSIBILITIES OF EOC STAFF DURING SEVERE WEATHER

The staff of the Emergency Operations Center consists of the full time Emergency Management District personnel, the Communications Center personnel, and the support personnel from other departments when needed.

The general responsibilities of the staff during severe weather conditions include:

- 1. Monitor the NAWAS and Weather Wire for advisories, watches or warnings.*
- 2. Alerting of general public and emergency services in the City of Hattiesburg and Forrest County, by using the procedures specified in this SOP.*
- 3. When indicated, activate the Skywarn Spotters Network and establishing radio contact to monitor conditions throughout the City and County area.*
- 4. Plot events on situation map as they occur. Maintain critical situation board for priority situations that require attention. Record changes in conditions and clear situations as they are handled (i.e. powerlines down, tree across road, tornado etc.)*
- 5. Keep close communications with Jackson Weather Service on the NAWAS or by phone. (as is recorded on EOC Activation List)*
- 6. Advise the State EOC and Jackson Weather of any reports of tornado activity, flooding conditions, damages and ¾ inch size hail..*
- 7. Monitor Radar for approaching severe weather.*
- 8. Contact Jackson Wx if severe conditions are reported and damage is occurring.*
- 9. Brief local officials and the news media when needed. And issue updates to the general public and emergency services as needed.*
- 10. If heavy damage occurs as with tornadoes, coordinate assistance, both EOC and on-scene.*
- 11. Update the telephone weather recorder as new information is received.*
- 12. Perform other actions and assistance as deemed necessary by the situation.*
- 13. Update damage report to Jackson Weather including location and times of damage..*

THE EMERGENCY MANAGEMENT DISTRICT DUTY OFFICER

1. *Each staff member of The Emergency Management District will assume this duty on a rotating weekly basis with the exceptions of the Executive Director, and the Telecommunications Officer (who is responsible for communications and radar maintenance and support.)*

1- Tour of duty begins at 0730 hrs on Friday morning.

2- Tour of duty ends at 0730 hrs on following Friday morning.

2. *A DUTY ROSTER will be posted in the office covering at least six (6) mo period.*
3. *Any changes to the DUTY ROSTER will be approved by the Director. Substitutions will only effect those days changed and not effect the entire roster. (ex: If duty officer has a problem with a certain week or day, he/she will be responsible to find a person willing to switch duty (week or day) with.) This must be approved by the director who will ensure that he is aware who the duty officer is at all times.*

AFTER HOURS

1. *Duty Officer will be responsible for reporting rainfall and temperature to the National Weather Service as well as voice recording of local weather conditions on the Weekend and Holidays.*
2. *Duty Officer will be responsible for timely notification of watches and warnings to the general public and emergency response agencies.*
3. *Duty Officer will limit after hours and weekend travel to EOC response area, which will ensure prompt accessibility to telephone, paging capabilities and EOC activation.*
4. *Duty Officer will at all times have in his/her possession a radio and pager. A NOAA WX radio is available to Duty Officers for week of duty.*
5. *Duty Officer will be responsible for first response to severe weather conditions after regular duty hours:*
 - A. *Upon receiving one of the following watches or warnings from automatic paging service, or via **NOAA WX Radio, the Duty Officer will proceed to the EOC for activation.*
 - 1- *Severe thunderstorm watch/warning*
 - 2- *Tornado watch/warning*
 - 3- *Flood Warning (FLOOD WATCH can be monitored either by TV*

radar or by contacting Jackson Weather Service from home.)
***However, this warrants that the Duty Officer must limit his/her*
personal activity in order to monitor situation.

*** If watch or warning is received via NOAA WX Radio and not by automatic paging*
service Duty Officer should have message paged out.... (Call HPD Dispatch to have paged).

B. Duty Officer shall size up situation and determine if other District personnel
are needed.

- 1- Consult Communications duty roster to determine who to call for radar*
support.
- 2- If additional personnel is needed contact Operations Officer to begin*
call down of personnel.

DURING DUTY HOURS

- 1- Duty Officer is responsible to make Weather Recording each afternoon before*
leaving for the day.
- 2- The Operations Officer will watch weather conditions during times of adverse*
conditions but the Duty Officer may need to help when called upon.

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**SPECIFIC RESPONSIBILITIES DURING SEVERE WEATHER
WATCHES/WARNINGS**

NORMAL DUTY HOURS

When severe weather conditions are identified, the Executive Director or Operations Officer will recall any District units in the field and brief the staff on responsibilities in the event the EOC is activated due to a watch or warning. (Since it cannot be foreseen who will be on duty when a weather condition arises, names cannot be placed to functions; therefore, a briefing and assignment of responsibility will take place then).

EOC ACTIVATION

<i>DUTY ASSIGNMENTS</i>		
<i>DATE:</i>	<i>SHIFT - 1</i>	<i>SHIFT - 2</i>
	<i>Time:</i>	<i>Time:</i>
<i>SHIFT SUPERVISOR:</i>		
<i>COMMUNICATION S</i>		
<i>MAPPING</i>		
<i>EM 2000</i>		

EOC ACTIVATION STAFFING ASSIGNMENTS

RESPONSIBILITIES AND FUNCTIONS

The permanent District Staff Members are assigned responsibilities and functions as indicated when the EOC is activated.

A. EXECUTIVE DIRECTOR

- 1. Supervises overall operation of the EOC.*
- 2. Maintains contact with the Executive Group and keeps them informed of the situation.*
- 3. Implements decisions of the Executive Group through the District and EOC staff.*
- 4. Authorizes expenditures and acquisitions in emergency situations as needed.*
- 5. assigns staffing hours for staff members.*

B. SHIFT SUPERVISOR

- 1. Insure that needed maps, status boards, video displays, etc. are available as needed.*
- 2. Advises staff on operational decisions and assigns priorities of operations*
- 3. Keep the Executive Director and PIO informed on current operational conditions.*
- 4. Assure that situation board and permanent records (logs) are being maintained for after action reports.*
- 5. Answers telephone inquiries as needed.*
- 6. Contact outside agencies for needed assistance i.e. MEMA.*
- 7. Implement shift staffing hours.*
- 8. Oversee a smooth overall operation in EOC.*

RADAR / NAWAS OPERATION

- a. Operate and monitor EOC radar and Cable radar.*
- b. Disseminate (possible) severe radar reading info to EOC staff and National Weather Service in Jackson.*
- c. Contact Jackson Weather and request assistance in identifying radar reading. **A Warning can only be issued by National WX Service.*
- d. Monitor and answers all traffic over the NAWAS to Hattiesburg EOC from outside agencies (including NWS) trying to contact EOC.*
- e. Relay all (Radio or NAWAS) vital information from Jackson Weather or any other outside agencies to Shift Supervisor and EOC Recorder to be paged out or recorded on situation board.*
- 9. Monitors WX teletype for wx updates and disseminates that information to EOC staff and outside agencies on a need to know*

basis.

C. COMMUNICATIONS / RADIO MONITOR

1. *Operate and Monitor 800 MHz, hi / lo Band Radio traffic in EOC during activation.*
 - a. *Receive and Send message traffic as required.*
 - b. *Monitor Fire, Police, Vol. Fire & MEMA traffic.*
2. *Record and disseminate incoming messages to EOC Recorder, Shift Supervisor and/or appropriate agencies as needed.*
3. *Send message traffic as requested by Shift Supervisor and or agencies present in the EOC.*
4. *Keep Shift Supervisor and / or Director abreast of overall situation as develops.*
5. ***Transmit all tornado warnings over 800 MHz radio.*
6. ***Transmit all tornado watch cancellations over 800 MHz radio.*
7. *Update warning information on 800 mhz as received.*
8. *Operate Wide Paging System as needed.*
 - a. *Issue watch or warnings and other messages as required.*

D. MAPPING

1. *Post maps with damage and/or road closed ON MAP INFO...*

E. WebEOC

1. *Record vital information on WebEOC*
2. *Make request for assistance via WebEOC*
3. *Makes Damage Reports for MEMA*

F. TELEPHONE OPERATOR

1. *Answers telephone inquiries as received.*
2. *Refers all Media calls to PIO and/or Executive Director.*
3. *Directs calls for assistance to appropriate EOC Staff or agencies and keeps accurate log of vital calls.*
4. *Log all information (wx or incident) and report to Shift Supervisor.*

G.

PIO

1. *Acts as the liaison between the EOC and general public.*
2. *Serves as the centralized point for all information to be released to the public.*
3. *Disperses public information, both to general public and to the public at risk.*
4. *Acts as the liaison between the EOC and Mass Media.*
5. *Disperses information to mass media to insure accurate and consistent information flow.*
6. *Insure that consistent messages are disseminated to the media.*
7. *Works under the direction of the Executive Director.*
8. *Insure that all information released to public is authorized by Executive Director.*

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EOC ACTIVATION NOTIFICATION CHECKLIST

Updated: OCT 2000

WEATHER/DUTY OFFICER#	DATE:	INCIDENT #	(check when completed)
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1-AFTER HOURS (AUTOMATED PAGING IS IN EFFECT)

****Page Watch/Warning (all call page =9999)**

MONITOR RADIO FOR POSSIBLE TRAFFIC WHILE IN ROUTE TO EOC

SPECIAL NOTE: Upon receipt of a Watch or Warning for our counties all Staff should **MONITOR RADIOS**. After duty officer has had enough time to reach EOC Staff members should call EOC and report where you can be reached if needed.

2- **WARNINGS (BROADCAST OVER 800 MHZ EOC-1)

3-Notify Director and Operations Officer that you are on way to EOC

(THIS MAY BE DONE BY CELL PHONE ON WAY TO EOC)

SEE TAB # 5 FOR FURTHER INSTRUCTIONS ON NOTIFICATION

(AT EOC)

4-TURN NIGHT BUTTON OFF!

5- Get Report Forms and Activity Log and Place next to phone/radar.

6-Begin ACTIVITY LOG (Located in rack by Situation Board)

SEE TAB # 4 FOR FURTHER INSTRUCTIONS OF ACTIVITY LOG

7-Contact FOLLOWING ******(request that any severe WX, emergency

incident or damage reports be exchanged by our organizations, via <radio or phone>): **MAKE SURE THEY GOT THEIR PAGE.....**

1- NATIONAL WX (LOG ALL CALLS TO NWS)

****NAWAS** - ph: 1-800-295-1944 OR 939-2786**

2- MEMA EOC (LOG ALL CALLS TO MEMA)

NAWAS - ph: 1-800-222-6362 (EMERG ONLY) OR 352-9100

3- MS POWER EOC CONTROL RM

ph: 545-4038 OR 545-4039 OR 545-4110 OR 545-4193

4- SO MS EPA CONTROL RM - ph: 268-2067 (24hrs) EM Fax#: 261-2388

****REQUEST THE FOLLOWING TO NOTIFY ALL ACTIVE OFFICERS/UNITS ON PATROL OF SITUATION AND REQUEST REPORTS FROM THE FIELD OF ANY SIGHTINGS OR DAMAGE.**

4-HATTIESBURG DISPATCH -545-4910 or 544-5927

5-FORREST S.O. ph: 544-7800

6-PETAL P.D. ph: 544-5331

7-MS HWY PATROL ph: 582-3529

8-AAA AMBULANCE ph: 264-3404

****NOTE: if damaging conditions approach (Hail-High Winds) notify**

AAA of possible damage to Rescue 7***

10- CAMP SHELBY EOC ph: 558-2760/558-2000

11- CAMP SHELBY SECURITY ph: 558-2448

12- PERRY S.O. ph: 964-8461 FX#: 964-8463

(they do not have a pager so give information concerning

Watch/Warning)

13- USM POLICE SECURITY ph: 266-4911

SPECIAL CONTACTS:

14- PSAP REPAIR # (SCB) ph: 557-6111 or 557-6123

15- (HAZARDOUS SUBSTANCE EMERGENCY EVENT ONLY)

***MISSISSIPPI STATE DEPARTMENT OF HEALTH**

ph: 1-800-556-0033

(THIS DOES NOT INCLUDE PETROLEUM PRODUCTS, ex..crude oil or any fraction thereof which is not specifically listed or designated as a "hazardous substance".)

8-Monitor NAWAS and Radar and EM Chat (NWS)

9- BEGIN SITUATION BOARD (As Soon As Able)

10-Determine if assistance is needed in EOC

(If so CALL OPERATIONS OFFICER for backup and OP OFF _____
will begin call back-up list.)

SEE TAB #8 FOR FURTHER INSTRUCTIONS

11-Notify following WHEN AND IF CONDITIONS WARRANT:

SEE TAB #9 FOR FURTHER INSTRUCTIONS

a-SCHOOLS WITH DOWN PAGERS (if during sch. hrs.) _____

(List posted on Situation Board in Commo Rm

b-FORREST Co Rd MANAGER (street/rd flooding)

c-CITY OF HATTIESBURG FOR STREET FLOODING

d-RED CROSS (standby utilization)

e-SALVATION ARMY (standby utilization)

f-SCHOOL SUPERINTENDENTS

note-CONV-REST TO UPDATE WX CONDITIONS ph: 544-4230

12-WHEN DAMAGE REPORTS ARE RECEIVED:

(RECORD ON SITUATION/DAMAGE REPORT FORMS).....

(LOCATED ON RACK BESIDE SITUATION BOARD)..

ASK THE FOLLOWING QUESTIONS:

1-WHERE IS THE DAMAGE LOCATED? (exact address if possible)

2-WHEN DID THE DAMAGE OCCUR? (time)

3-WHAT IS THE EXTENT OF THE DAMAGE?

(trees down - structural - power lines - etc.)

4-ARE ROADS BLOCKED?

(report all Blocked Roads to Ambulance services)

5-ARE THERE ANY INJURIES?

6-ARE YOU REQUESTING ASSISTANCE AT THIS TIME?

**CONTACT THE FOLLOWING AGENCIES
IMMEDIATELY AFTER REPORT OF DAMAGE.....**

- 1-County Rd Crews..pgrs or phone
(see attached listing)
- 2- NWS...relay all information concerning the damage.
- 3- AAA AMBULANCE-(location of damage/rd closures)
- 4-AMR AMBULANCE-(location of damage/rd closures)
- 5-Broadcast location of damage area over EOC-1.
- 6-Local VFD for damage assessment.
- 7-Area Law Enforcement with report.

DAMAGE REPORTS TO MEMA

(All forms located in TAB # 12)

DR-1(within 4 hrs) Situation Reports (every 3 hrs)

DR-2 (12-24 hrs) Emergency Declaration

See TAB # 12 OF EOC ACTIVATION INSTRUCTION
BOOK (DAMAGE REPORTS)

**13-TORNADO/FUNNEL CLOUD REPORT: (RECORD ON
SITUATION/DAMAGE REPORT FORMS)**

Ask the following questions.

- 1-WHAT IS YOUR EXACT LOCATION?
- 2-DO YOU SEE ROTATION IN THE CLOUDS?
- 3-IS THERE ANY HAIL?
- 3-WHAT DIRECTION IS IT TRAVELING?
- 4-WHAT IS ITS APPROXIMATE SPEED?
- 5-IS IT ON THE GROUND?
- 6-IS THERE ANY VISIBLE DAMAGE?

CONTACT THE FOLLOWING AGENCIES *IMMEDIATELY* AFTER
RECEIVING A REPORT OF A TORNADO

- 1- NWS...relay all information concerning the damage.
- 2-AREA SCHOOLS IN LINE OF THE TORNADO
Call Schools individually....(EOC Phonebook)
- 4-IF TORNADO DAMAGE DISPATCH ONE TO THE SCENE.
 - a- Director
 - b-Operations Officer
 - c-Communications Officer
 - d-Other (If other staff is already in the area)
- 5-Local VFD for damage assessment.
- 6-Area Law Enforcement with report.

14-EOC DE-ACTIVATION

WHEN CONDITIONS ARE NO LONGER PRESENTING A PROBLEM AND ALL WATCHES AND WARNINGS ARE LIFTED....DE-ACTIVATION MAY BEGIN.

- 1- IN WEATHER SITUATIONS....BEFORE SECURING THE EOC..CONTACT JACKSON WEATHER TO SEE IF ANY OTHER SYSTEMS MAY BE APPROACHING. (CHECK OUR RADAR BEFORE CONTACTING THEM!)**
- 2- IF ALL IS CLEAR...**CONTACT DIRECTOR/OPERATIONS OFFICER THAT THE EOC IS SECURE.**
- 3- (AFTER LEAVING EOC) CONTINUE TO MONITOR THE WEATHER AND RADIO FOR ADDITIONAL DEVELOPMENT AND OR DAMAGE REPORTS.**



City of Hattiesburg, MS

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

FILE NUMBER: 2017-497

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: USM Fire Protection Agreement 2017

<u>Title:</u> Authorize Mayor to enter into agreement between The City of Hattiesburg and The University of Southern Mississippi for Fire Protection and related services.
--

Type: Action Item

Drafter: Linda
Montgomery

In Control: City Council

Reference:

Attachments: USM Fire Protection Agreement 2017

File Created: 06/13/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File

**FIRE PROTECTION AGREEMENT BY AND BETWEEN THE CITY
OF HATTIESBURG AND THE UNIVERSITY OF SOUTHERN
MISSISSIPPI**

STATE OF MISSISSIPPI

COUNTY OF FORREST

THIS AGREEMENT is made and entered into on this the 1st day of July, 2017,
between the City of Hattiesburg ("City") and the University of Southern Mississippi
("University") for fire protection and related services.

RECITALS

1. The University of Southern Mississippi campus is a legally constituted fire district, created pursuant to the statutory laws of the State of Mississippi as evidenced by Ordinance No. 1687 of the City of Hattiesburg, adopted on August 19, 1970.
2. It is the desire of the University that the City provide fire protection and related services to the aforesaid fire district to the same extent such protection and services are provided to the citizens of the City.
3. It has been determined that the City has the capability of providing the protection and services contemplated by the terms of this Agreement.
4. It is the desire of the parties to terminate all previous agreements relating to the providing of fire protection and related services to the University by the City.

AGREEMENT

1. Services: The City shall furnish to the University, fire protection and related services to the University to the same extent and at that same level provided to its Citizens.
2. Terms: The term of this Agreement shall be for one (1) years and shall commence on July 1, 2017 and shall terminate on June 30, 2018.
3. Consideration: During the term of this Agreement, the University shall pay unto the City an annual fee that is due by August 31 each year according to the following fees schedule:

August 31, 2017	\$95,652.00
-----------------	-------------

4. Review and Adjustments: Annually and on or before the 1st day of May of each year of this Agreement, the protection and services being provided to the University by the City shall be reviewed by the University and appropriate members of the Hattiesburg Fire Department to determine whether or not there is any need to increase the level of services being provided by the City of to meet some specialized need of the University. If it is determined that there is a need to increase the level of services being provided to the University or if it is determined that there exists a specialized need by the University for fire protection, then and in that event, the annual fee herein provided shall be adjusted to compensate the City for the increased level of services or meeting the specialized needs of the University.

5. Related Services: The City shall provide support for all emergency situations on the University campus, including but not limited to incidents of hazardous waste spills and cleanup, persons trapped in elevators, concerts and other events of public safety concerns. The University agrees to replace all materials used by the City in addressing any hazardous waste spill occurring on campus.
6. Communications: The University shall provide and maintain fire alarms, telephone lines and radio frequencies in order to establish more efficient communications between the Hattiesburg Fire Department and the University personnel at the Physical Plant Department and the Campus Police.
7. Fire Protection Systems: The University shall be responsible for maintenance and/or replacement of all fire extinguishers, sprinkler systems, water mains and fire hydrants and fire flow infrastructure located on campus and under its dominion and control consistent with established standards and provide the City with a current map detailing the location of all hydrants, valves and water mains.
8. Fire Prevention and Fire Safety Education: The University Safety Department shall have primary responsibility for fire and safety inspections of all University buildings and for fire safety education on campus. The Chief of Fire Prevention of the City of Hattiesburg shall provide technical support for life and property safety on campus. The Director of the Physical Plant of the University or a representative will serve as the primary liaison officer between the University and the Fire Prevention Office of the City of Hattiesburg Fire Department.

9. Emergency Response: In all situations of emergency nature other than law enforcement and emergency medical response, the City of Hattiesburg Fire Chief or his representative shall be the officer in charge. The University agrees to provide support services from the Physical Plant Department and Campus Police to insure order and public safety during such emergencies.

10. Entire Agreement and Binding Effect: This Agreement constitutes the entire Agreement between the City and University. No prior written, contemplation, subsequent oral promises or representations shall be binding. This Agreement shall not be amended or changed except by written instrument signed by all parties hereto. Captions herein are for the convenience of the parties only and neither limit nor expand the intent, purpose or meaning of this Agreement.

IN WITNESS WHERE, the parties have executed this Agreement as of the date and year first above written,

CITY OF HATTIESBURG, MS

ATTEST:

BY: _____
MAYOR

BY: _____
CITY CLERK

UNIVERSITY OF SOUTHERN MISSISSIPPI

BY: _____
VICE PRESIDENT FOR FINANCE AND ADMINISTRATION



City of Hattiesburg, MS

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

FILE NUMBER: 2017-495

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Fire Bridge Software

<u>Title:</u> Authorize Mayor to enter in agreement with ImageTrend to host the Fire Bridge Software.
--

Type: Action Item

Drafter: Linda
Montgomery

In Control: City Council

Reference:

Attachments: Image Trend Fire Bridge Software

File Created: 06/13/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File

Battalion Chief/A-Shift
Johnny Jackson

Battalion Chief/Fire Marshal
Stephen Mooney

Battalion Chief/C-Shift
Russell, Talmus R.



Battalion Chief/B-Shift
Joseph Anderson

Fire Chief Paul Presley
"Enhancing Cultures, Changing Lives"

Battalion Chief/Training
Stephens, Robert V.

To: Mayor and City Council
From: Fire Chief Paul Presley 
Subject: ImageTrend/Fire Bridge Software Annual Fees
Date: June 12, 2017

The Hattiesburg Fire Department's contract with FireHouse software has expired. We use this software to report all fire department activity, including but not limited to run reports and inspections. ImageTrend has an agreement with the State Fire Marshal's Office to provide their basic Fire Bridge software package at no cost to Fire Departments within the state. Fire Bridge is vastly superior to FireHouse because of the user friendly functionality as well as the ability to instantly send information to the State Fire Marshal's Office. This saves time and potential incompatibility problems in having to export reports from FireHouse and import to Fire Bridge each month.

CAD (Computer Aided Dispatch) integration into Fire Bridge requires a one-time startup fee, then an annual fee for each year afterwards. After the first startup and conversion fees with Fire Bridge, their annual fees will be \$1,750.00.

With our FireHouse contract expired, we are experiencing difficulty with FireHouse customer service, so time is imperative in this transition. Thank you for your prompt attention to this matter and please call with any questions.

Office of Hattiesburg Fire Department/HFD
Paul Presley, Fire Chief
622 Corinne Street, Hattiesburg, MS 39401
601.582.3311 (o) 601.520.1380 (c) 601.545.4982(f)



hfd@hattiesburgms.com

Ship To:

Stephen Mooney
 Hattiesburg Fire Department
 622 Corinne St
 Hattiesburg MS 39402
 601-545-6678
 smoonay@hattiesburgms.com

Bill To:

Same as Ship To

IMAGETREND

Quote

Salesperson	Quote Number	Date
Matt Rye	MR-583	May 26, 2017

Description	Qty	Unit Price	Total
Exports / Integrations			
CAD Integration			
Vendor:			
CAD Annual Support and Hosting			
Fire Bridge Import			
EMS & Fire	1	\$5,000.00	\$5,000.00
Other			
	1	\$1,750.00	\$1,750.00
	1	\$1,500.00	\$1,500.00
TOTAL Year 1			\$8,250.00
*Annual Fees after Year 1			\$1,750.00

Terms of Agreement

The above mentioned items will be invoiced upon Contract signature with payment terms of net 30 days.

*The recurring annual fees will be billed annually in advance.

*ImageTrend's license, annual support and hosting are based on

5,000

annual incidents as provided by Client.

*This proposal is valid for 90 days.

IMAGETREND will invoice sales tax to non-exempt CLIENTS where applicable.

DISCLAIMER: This quote creates no legal obligations. This letter is intended to confirm the parties' current understanding of the terms, but it is not intended to create any legal obligations with respect to any of the terms. Neither party should rely on this quote and no legal or equitable remedy will arise from any such reliance. Instead, the parties must reach a final agreement. A final agreement will be a condition precedent to any binding obligations. A fully executed Contract Agreement will be required to be completed before an order is processed.

Approved As:
 ImageTrend, Inc.

Hattiesburg Fire Department

Initials

Dated

If you have any questions regarding this proposal, contact:

Matt Rye at 952-469-6221 or mrye@imagnetrend.com

Kyle Eisenzimmer at 952-469-6184 or keisenzimmer@imagnetrend.com

contracts@imagnetrend.com

Thank you for your business!

SOFTWARE LICENSING AGREEMENT

CONTRACT No.: 259568

MODIFICATION TO SYSTEM OPERATED BY THE STATE OF MISSISSIPPI

BETWEEN

CITY OF HATTIESBURG FIRE DEPARTMENT
622 CORINNE STREET
HATTIESBURG, MS 39401

AND

IMAGETREND, INC.
20855 KENSINGTON BLVD.
LAKEVILLE, MN 55044

IMAGETREND®

THIS AGREEMENT is made and entered into on the date last written below, by and between the ImageTrend, Inc., a Minnesota corporation (hereinafter "IMAGETREND"), and City of Hattiesburg Fire Department (hereinafter "CLIENT") for modification to a system operated by the State of Mississippi (hereinafter "SYSTEM ADMINISTRATOR")

RECITALS

WHEREAS, IMAGETREND owns the software system known SOFTWARE; and

WHEREAS, CLIENT desires to obtain a modification of the Software mentioned above licensed to SYSTEM ADMINISTRATOR; and

WHEREAS, IMAGETREND is willing to modify the Software for CLIENT;

NOW, THEREFORE, THE PARTIES HEREBY AGREE AS FOLLOWS:

SECTION 1. DEFINITIONS.

"Authorized personnel" means employees of CLIENT that use the Software in the scope of their employment, or CLIENT's contractors where the contractor's services must necessarily require access to the Software. Personnel who intend to: reverse engineer, disclose, or use or acquire for any purpose not in the scope of the personnel's employment or necessary for contractor services, any Confidential Information are not Authorized Personnel.

"Confidential information" means the proprietary products and trade secrets of IMAGETREND and/or its suppliers, including, but not limited to, computer software, code, technical parameters, price lists, customer lists, designs, software documentations, manuals, models and account tables, and any and all information maintained or developed by CLIENT pursuant to this AGREEMENT which is deemed confidential under existing state and/or federal law.

"ePCR" means an Electronic Patient Care Report

"Incident(s)" means an instance where the CLIENT sends a vehicle to a potential or actual patient.

"License" means an unlimited use license of the software, without rights for resale, for the duration of the contract, defined as Software as a Service (SaaS) which expires when this AGREEMENT expires.

"Licensed Information" means any information pertaining to the Software which is owned by IMAGETREND and is licensed to CLIENT. Licensed Information includes such information as input form, user manuals and user documentation, interface format and input/output format, and any other materials pertaining to the Software.

"Perpetual License" means an unlimited use of software without rights for resale.

"Reference" means referral in the promotion of IMAGETREND'S software to other potential CLIENTS.

"Run(s)" means an incident where the CLIENT sends a vehicle to a potential or actual patient.

"Software" means the computer program(s) in machine readable object code form listed in Exhibit "A", including the executable processing programs comprising the various modules from the Software and the

Licensed Information. CLIENT's license to the modification does not give CLIENT any right to the license for the underlying system paid for by SYSTEM ADMINISTRATOR

"Support" means interactive telephone and e-mail support, computer based online training, product upgrades and enhancements, along with defect corrections, delivered from IMAGETREND's offices.

"SYSTEM ADMINISTRATOR" refers to the party who holds a license to, and operates, the IMAGETREND Software system that the CLIENT wishes to have modified under this AGREEMENT.

"Upgraded Version" means the Licensed Software and/or Licensed Information to which updates, enhancements, corrections, installations of patches or other changes have been made. The exterior form of the Updated Version is reflected by changes to the version numbers.

SECTION 2. TERM OF AGREEMENT.

The term of this AGREEMENT shall be one year(s) from signature date, subject to Section 13 of this AGREEMENT. This AGREEMENT shall be subject to automatic renewal unless terminated by either party as provided in Section 13, below.

SECTION 3. GRANT OF LICENSE.

A. NON-EXCLUSIVE USE LICENSE.

In accordance with the terms and conditions hereof, IMAGETREND agrees to grant to CLIENT and CLIENT agrees to accept a non-transferable and non-exclusive use license of the Software. CLIENT expressly acknowledges that all copies of the Software and/or Licensed Information in any form provided by IMAGETREND to CLIENT hereunder are the sole property of IMAGETREND and/or its suppliers, and that CLIENT shall not have any right, title, or interest to any such Software and/or Licensed Information or copies thereof except as provided in this AGREEMENT. CLIENT shall not receive any right, title or interest in the SYSTEM ADMINISTRATOR's Software license or system. CLIENT is receiving a license solely to the modification or integration listed in Exhibit A – Pricing Agreement. CLIENT agrees and understands that the underlying system license is under the sole control of SYSTEM ADMINISTRATOR and that SYSTEM ADMINISTRATOR may terminate that system at any time without notice or consideration for CLIENT, and that by the nature of the Software modification, CLIENT's ability to use the modification will terminate simultaneously. CLIENT shall receive no replacement value, damages, refund, or any other remuneration if SYSTEM ADMINISTRATOR chooses to terminate their license or system. Nothing in this AGREEMENT shall be construed to imply that SYSTEM ADMINISTRATOR has any right to use the Software modification or integration listed in Exhibit A beyond that which is technically necessary for the modification or integration to function.

B. PROTECTION OF SOFTWARE AND LICENSED INFORMATION.

CLIENT agrees to respect and not to, nor permit any third-party to, remove, obliterate, or cancel from view any copyright, trademark, confidentiality or other proprietary notice, mark, or legend appearing on any of the Software or Licensed Information, and to reproduce and include the same on each authorized copy of the Software and Licensed Information.

CLIENT shall not nor shall CLIENT permit any third-party to, copy or duplicate the Software or any part thereof except for the purposes of system backup, testing, maintenance, or recovery. CLIENT may duplicate the Licensed Information only for internal training, provided that all the names, trademark rights, product names, copyright statement, and other proprietary right statements of

IMAGETREND are reserved. IMAGETREND reserves all rights which are not expressly granted to CLIENT in this AGREEMENT.

CLIENT shall not, nor shall CLIENT permit any third-party to, modify, reverse engineer, disassemble, or decompile the Software, or any portion thereof, and shall not use the software or portion thereof for purposes other than as intended and provided for in this AGREEMENT.

SECTION 4. SOFTWARE ABSTRACT.

- A. The IMAGETREND Elite contains and stores the data elements of an emergency medical database, including data schema and values that may originate from traditional computer aided dispatch (CAD) sources and data values that may be used in billing from pre-hospital patient care. The emergency medical database may contain certain vehicle transport information but does not contain data elements and/or values specific to the vehicle path tracking such as automatic vehicle location (AVL) or third party AVL integrations. The emergency medical database does support integrations to third party CAD and billing solutions. The emergency medical database does not support any AVL, CAD or billing functions executed directly from the database. CLIENT shall not use IMAGETREND Software to integrate patient information from a clinical encounter associated with a patient incident requiring emergency medical care by the emergency transport crew with flight information relating to an emergency transport crew dispatch to produce an encounter record indicative of the patient's clinical encounter.
- B. The IMAGETREND Service Bridge/State Bridge/Rescue Bridge contains and stores the data elements of an emergency medical database as defined, described and mandated by the National EMS Information System (NEMSIS). The dataset was adopted by IMAGETREND for State and local regulatory authorities as required by NEMSIS. The NEMSIS data schema and elements are the sole work of the NEMSIS organization in conjunction with the National Highway Traffic Safety Administration (NHTSA). The NEMSIS dataset contains data elements and data structures originating and potentially owned by a number of nonprofit third party organizations and government agencies such as the World Health Organization (ICD 9 and ICD 10), International Health Terminology Standards Development Organization (SNOMED), U.S. Department of the Interior and U.S. Geological Survey (GNIS), National Institute of Standards and Technology (FIPS), Health Level Seven International (HL7), Joint APCO/NENA Data Standardization Working Group (AACN). The NEMSIS dataset offers customer driven extensibility that allows the end user to extend and define the dataset at their own discretion.

SECTION 5. SERVICES PROVIDED BY IMAGETREND.

- A. **SUPPLY OF SOFTWARE AND LICENSED INFORMATION.**
IMAGETREND shall provide CLIENT software and services as listed in Exhibit A.
- B. **MODIFICATIONS, IMPROVEMENTS AND ENHANCEMENTS.**
During the terms of this AGREEMENT and any extensions under Section 2, IMAGETREND will provide CLIENT with error corrections, bug fixes, patches or other updates to the Software in object code form, to the extent available in accordance with IMAGETREND's release schedule. If CLIENT desires to add new functions or make enhancements to the Software, CLIENT must, for additional consideration, negotiate with IMAGETREND to develop new functions or improvements to the existing Software. All such error corrections, bug fixes, patches, updates, or other improvements or modifications shall be the sole property of IMAGETREND.

C. **INSTALLATION, INTRODUCTORY TRAINING AND DEBUGGING.**

1. IMAGETREND shall provide CLIENT with start-up services such as the installation and introductory training relating to the Software, and, if necessary, initial debugging services.
2. "Train-the-trainer" training for administrators as detailed in Exhibit A. Additionally, online training videos and user guides in electronic format will be made available.
3. Introductory training relating to the Software as detailed in Exhibit A. The parties may enter into a supplemental written AGREEMENT in the event CLIENT desires that IMAGETREND provide additional training.

SECTION 6. MAINTENANCE AND SUPPORT.

- A. Application use support as detailed in Service Level Agreement Exhibit B.
- B. Server hosting environment is monitored and supported 24/7. Emergency support information is available on the IMAGETREND Support site for emergency purposes. Non-emergency related contact may be charged to the CLIENT.
- C. Maintenance of IMAGETREND software, which includes scheduled updates and new releases, as well as defect correction as needed, is included. Specific out-of-scope system enhancement requests will be reviewed with the CLIENT and subject to approval if additional charges are necessary.

SECTION 7. FEES.

- A. Except as otherwise provided in this AGREEMENT, IMAGETREND shall offer the Products and the Services at the prices set forth on Exhibit A.
 - (i) IMAGETREND will perform price increases of the recurring fees. The first price increase will occur with the fees due for Year 2. These price increases will occur once every year and may not exceed 3% of the price then currently in effect.
- B. The fees for this contract are as detailed in the attached Exhibit A.
- C. At any time during this AGREEMENT, the CLIENT may contract with IMAGETREND for additional software and services not covered in this AGREEMENT with fees to be negotiated on an item-by-item basis. To the extent that CLIENT pays IMAGETREND to uniquely customize the software, each CLIENT shall have the non-exclusive license to utilize such software without additional cost or expense, however to the extent that such software is then distributed and therefore becomes a product requiring ongoing support, as such it shall be subject to support fee increases. Any product enhancements offered by IMAGETREND will be offered to all CLIENTS as such and may be subject to licensure and support.
- D. If there is a delay in acceptance on the remaining items for longer than 60 days, IMAGETREND has the option to invoice the remaining balance on any or all of the open items for Year 1 and begin the Recurring Fees schedule.

SECTION 8. PROTECTION AND CONFIDENTIALITY.

A. **ACKNOWLEDGEMENT.**

CLIENT hereby acknowledges and agrees that the Software and Licensed Information provided hereunder constitute and contain valuable proprietary products and trade secrets of IMAGETREND and/or its suppliers, embodying substantial creative efforts and confidential information, ideas and expressions. Accordingly, CLIENT agrees to treat (and take precautions to ensure that its authorized personnel treat) the Software and Licensed Information as confidential in accordance with the confidentiality requirements and conditions set forth below. CLIENT

acknowledges and agrees that CLIENT shall not permit any non-Authorized User from accessing the Software made available to the CLIENT.

B. MAINTENANCE OF CONFIDENTIAL INFORMATION.

Each party agrees to keep confidential all confidential information disclosed to it by the other party in accordance herewith, and to protect the confidentiality thereof in the same manner it protects the confidentiality of similar information and data of its own (at all times exercising at least a reasonable degree of care in the protection of confidential information); provided, however, that the provisions of this Section 8 shall not apply to information which: (i) is in the public domain; (ii) has been acquired by CLIENT by normal means upon the disclosure of the information by IMAGETREND; (iii) is duly obtained by CLIENT directly or indirectly from a third party who has independently developed the information and is entitled to disclose the information to CLIENT, and such disclosure does not directly or indirectly violate the confidentiality obligation of such third party; or (iv) becomes known publicly, without fault on the part of CLIENT, subsequent to the receipt of the information by CLIENT.

C. SURVIVAL.

This Section 8 shall survive the termination of this AGREEMENT or of any license granted under this AGREEMENT.

SECTION 9. WARRANTIES.

A. PERFORMANCE.

IMAGETREND warrants that the Software will conform to the specifications as set forth in the Licensed Information. However, this warranty shall be revoked in the event that any person other than IMAGETREND and its agents make any unauthorized amendment or change to the Software in any manner.

B. OWNERSHIP.

IMAGETREND represents that it is the owner of the entire right, title, and interests in and to the Software, and that it has the sole right to grant licenses thereunder, and that it has not knowingly granted licenses thereunder to any other entity that would restrict rights granted hereunder to CLIENT.

C. LIMITATIONS ON WARRANTY.

All of IMAGETREND's obligations under this Section 9 shall be contingent on CLIENT's use of the Software in accordance with this AGREEMENT and in accordance with IMAGETREND's instructions as provided by IMAGETREND in the Licensed Information, and as such instructions may be amended, supplemented, or modified by IMAGETREND from time to time. IMAGETREND shall have no warranty obligations with respect to any failures of the Software. The express warranties provided herein are the only warranties made by IMAGETREND with respect to the Software and supersede all other express or implied warranties, including, but not limited to, any warranties of merchantability and warranties for any special purpose.

SECTION 10. LIMITATION OF LIABILITY.

Unless otherwise provided in this Section 10, CLIENT's exclusive remedy for any damages or losses arising out of IMAGETREND's breach of warranties shall be, at IMAGETREND's option, either (i) immediate release from the AGREEMENT; or (ii) repair of the Software.

SECTION 11. INDEMNIFICATION.

A. INDEMNITY

IMAGETREND (which includes its agents, employees and subcontractors, if any) agrees to indemnify CLIENT, as well as any agents thereof from all damages, judgments, loss and expenses, but not including consequential or incidental damages arising out of:

- (i) any personal injuries, property damage, or death that CLIENT may sustain while using IMAGETREND's, as well as any agents thereof, controlled property or equipment in the performance of this AGREEMENT; or
- (ii) any personal injury or death which results or increases by any action taken to medically treat CLIENT agents, employees and subcontractors; or
- (iii) any personal injury, property damage or death that CLIENT may sustain from any claim or action brought against CLIENT, as well as any agents thereof arising out of the negligence or recklessness of IMAGETREND in the performance of this AGREEMENT,

Except for the foregoing claims, CLIENT, as well as any agents thereof agrees to indemnify, defend, and hold harmless IMAGETREND from all claims, lawsuits, damages, judgments, loss, liability, or expenses, arising out of any claim or action brought against IMAGETREND arising out of the negligence or recklessness of CLIENT, as well as any agents thereof in the performance of this AGREEMENT.

B. ENTIRE LIABILITY

SECTION 11 (A) ABOVE STATES THE PARTIES ENTIRE LIABILITY THE PARTIES SOLE AND EXCLUSIVE REMEDY FOR ANY CLAIMS OF INDEMNIFICATION. SECTION 9 OF THIS AGREEMENT STATES THE FULL EXTENT OF IMAGETREND'S WARRANTY AND SECTION 11 (A) PROVIDES NO ADDITIONAL WARRANTY OF ANY KIND. ANY OTHER WARRANTY, EXPRESS OR IMPLIED OUTSIDE OF THIS AGREEMENT, INCLUDING THOSE ARISING OUT OF THE UNIFORM COMMERCIAL CODE, ARE WAIVED.

SECTION 12. INSURANCE REQUIREMENTS.

IMAGETREND will provide standard insurance coverage as detailed in a Certificate of Insurance, if requested.

SECTION 13. TERMINATION.

A. TERMINATION WITHOUT CAUSE.

Following the expiration of the original term of this AGREEMENT, either party shall have the right to terminate this AGREEMENT, without cause, by giving not less than sixty (60) days written notice of termination.

B. CUSTOM DEVELOPMENT TERMINATION

Either party shall have the right to terminate any Custom Development portion(s) of this AGREEMENT, without cause, by giving not less than thirty (30) days written notice of termination.

C. TERMINATION FOR CAUSE.

This AGREEMENT may be terminated by the non-defaulting party by giving not less than thirty (30) days written notice of termination if any of the following events of default occur: (i) if a party materially fails to perform or comply with this AGREEMENT or any provision hereof; (ii) if either party fails to strictly comply with the provisions of Section 8, above, or makes an assignment in violation of Section 15, below; (iii) if a party becomes insolvent or admits in writing its inability to pay its debts as they mature, or makes an assignment for the benefit of creditors; (iv) if a petition under any foreign, state, or United States bankruptcy act, receivership statute, or the like, as they

now exist, or as they may be amended from time to time, is filed by a party; or (v) if such a petition is filed by any third party, or an application for a receiver is made by anyone and such petition or application is not resolved favorably within ninety (90) days.

SECTION 14. MODIFICATION TO EXISTING SYSTEM OPERATED BY SYSTEM ADMINISTRATOR

CLIENT shall not receive any right, title or interest in the SYSTEM ADMINISTRATOR's Software license or system. CLIENT receives a license solely to the modification or integration listed in Exhibit A – Pricing Agreement. CLIENT agrees and understands that the underlying system license is under the sole control of SYSTEM ADMINISTRATOR and that SYSTEM ADMINISTRATOR may terminate that system at any time without notice or consideration for CLIENT. Due to the nature of the Software modification, CLIENT's ability to use the modification will terminate if the underlying system operated by SYSTEM ADMINISTRATOR terminates or otherwise ceases to operate. CLIENT shall receive no replacement value, damages, refund, reactivation, replacement system or any other remuneration or replacement if SYSTEM ADMINISTRATOR chooses to terminate their license or system.

SECTION 15. NONASSIGNABILITY.

CLIENT shall not assign this AGREEMENT or its rights hereunder without the prior written consent of IMAGETREND.

SECTION 16. GOVERNING LAW.

The parties agree that the law governing this AGREEMENT shall be that of the State of Minnesota without regard to its conflict of laws principles.

SECTION 17. COMPLIANCE WITH LAWS.

IMAGETREND shall comply with all applicable laws, ordinances, codes and regulations of the federal, state and local governments.

SECTION 18. WAIVER.

Any waiver by either party of any default or breach hereunder shall not constitute a waiver of any provision of this AGREEMENT or of any subsequent default or breach of the same or a different kind.

SECTION 19. NOTICES.

All notices and other communications required or permitted to be given under this AGREEMENT shall be in writing and shall be personally served or mailed, postage prepaid and addressed to the respective parties as follows:

TO CLIENT:

City of Hattiesburg Fire Department
622 Corinne Street
Hattiesburg, MS 39401

ATTENTION: Paul Presley

TO IMAGETREND:

ImageTrend, Inc.
20855 Kensington Blvd.
Lakeville, MN 55044
ATTENTION: Mike McBrady

Notice shall be deemed effective on the date personally delivered or, if mailed, three (3) days after deposit in the mail.

SECTION 20. FORCE MAJEURE.

Neither party shall be liable in damages or have the right to terminate this AGREEMENT for any delay or default in performing hereunder if such delay or default is caused by conditions beyond its control including, but not limited to Acts of God, Government restrictions (including the denial or cancellation of any export or other necessary license), wars, insurrections and/or any other cause beyond the reasonable control of the party whose performance is affected.

SECTION 21. ARBITRATION.

Any dispute between IMAGETREND and CLIENT under this AGREEMENT shall be resolved by arbitration by an arbitrator selected under the rules of the American Arbitration Association (MINNESOTA) and the arbitration shall be conducted in that same location under the rules of said Association. If an arbitrator cannot be agreed upon by the parties, IMAGETREND and CLIENT shall each choose an arbitrator, and those two chosen arbitrators shall choose a third arbitrator, who shall preside over any dispute. IMAGETREND and CLIENT shall each be entitled to present evidence and argument to the arbitrator. The arbitrator shall have the right only to interpret and apply the provisions of this AGREEMENT and may not change any of its provisions. The arbitrator shall permit reasonable pre-hearing discovery of facts, to the extent necessary to establish a claim or a defense to a claim, subject to supervision by the arbitrator. The determination of the arbitrator shall be conclusive, final and binding upon the parties and judgment upon the same may be entered in any Minnesota court having jurisdiction thereof. The arbitrator shall give written notice to the parties stating his determination, and shall furnish to each party a signed copy of such determination. IMAGETREND and CLIENT shall equally share the cost of the arbitrator(s) fees. The arbitrator may award reasonable costs and expenses, including reasonable attorney fees, to the prevailing party.

SECTION 22. INTERPRETATION.

This AGREEMENT has been negotiated between persons sophisticated and knowledgeable in the matters dealt with in this AGREEMENT. Each party further acknowledges that it has not been influenced to any extent whatsoever in executing this AGREEMENT by any other party hereto or by any person representing it, or both. Accordingly, any rule or law or legal decision that would require interpretation of any ambiguities in this AGREEMENT against the party that has drafted it is not applicable and is waived. The provisions of this AGREEMENT shall be interpreted in a reasonable manner to effect the purpose of the parties and this AGREEMENT.

SECTION 23. SIGNATOR'S WARRANTY AND ACCEPTANCE BY PERFORMANCE.

Each party warrants to each other party that he or she is fully authorized and competent to enter into this AGREEMENT, in the capacity indicated by his or her signature and agrees to be bound by this AGREEMENT. CLIENT understands and agrees that if CLIENT accepts any Software, goods, or services from IMAGETREND prior to IMAGETREND receiving a final, mutually signed copy of this AGREEMENT, that CLIENT has accepted this AGREEMENT and all of its terms and conditions.

SECTION 24. PRIOR AGREEMENTS AND AMENDMENTS.

This AGREEMENT, including all Exhibits attached hereto, represents the entire understanding of the parties as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered hereunder. This AGREEMENT may only be modified by a written amendment duly executed by the parties to this AGREEMENT.

SECTION 25. SUBJECT TO SYSTEM ADMINISTRATOR AGREEMENT

A. SYSTEM ADMINISTRATOR CONSENT IS A CONDITION PRECEDENT

This AGREEMENT is expressly conditioned upon the SYSTEM ADMINISTRATOR's consent to modification of their licensed system. IMAGETREND does not have, nor purports to have, authority to obligate the SYSTEM ADMINISTRATOR to CLIENT in any manner. If SYSTEM ADMINISTRATOR did not consent to the modifications to the system outlined in this AGREEMENT at the Date of signature, then this AGREEMENT is void.

B. CLIENT DUTY TO OBTAIN CONSENT TO MODIFY

It is CLIENT's duty to obtain consent from SYSTEM ADMINISTRATOR to modify the system as outlined in this AGREEMENT. CLIENT warrants to the best of its knowledge and ability that SYSTEM ADMINISTRATOR consents to the modifications sought in this AGREEMENT. CLIENT further understands IMAGETREND may verify SYSTEM ADMINISTRATOR consent, but IMAGETREND is under no obligation to so verify the consent. IMAGETREND may rely on CLIENT's warranty of SYSTEM ADMINISTRATOR consent. IMAGETREND shall not be in breach of this AGREEMENT if SYSTEM ADMINISTRATOR does not consent, and IMAGETREND took no action to verify SYSTEM ADMINISTRATOR's consent.

C. DATA REPRODUCTION

IMAGETREND, under contractual obligation to SYSTEM ADMINISTRATOR, and under HIPAA/HITECH may not reproduce PHI under certain circumstances. Because this AGREEMENT is for an integration or modification to a system operated by SYSTEM ADMINISTRATOR, any request for data or data duplication which includes PHI (as defined in Exhibit C below) requires SYSTEM ADMINISTRATOR's written consent in addition to any other requirement imposed by contract or by law. It is CLIENT's duty to obtain this written consent. IMAGETREND shall not be in breach of this AGREEMENT if SYSTEM ADMINISTRATOR denies consent to produce data.

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WITNESS THE EXECUTION HEREOF on the day and year last written below.

APPROVED AS:

"CITY OF HATTIESBURG FIRE DEPARTMENT"

"IMAGETREND"

By: _____

By: _____

Name: _____

Name: Michael J. McBrady

Title: _____

Title: President

Dated: _____

Dated: _____

EXHIBITS

EXHIBIT A – Pricing Agreement

EXHIBIT C – HIPAA Business Associate Agreement

EXHIBIT D – Insurance Certificate

EXHIBIT A – PRICING AGREEMENT

IMAGETREND's license and annual support are based upon 5,000 annual incidents as provided by CLIENT. IMAGETREND reserves the right to audit the annual incident volume and the option to increase future support costs, with prior notification to the CLIENT, if the number of annual incidents increases substantially and has a resulting effect of increased support calls to IMAGETREND.

Pricing Agreement

Description	Units	Price	Extended
CAD Integration (EMS & Fire) Vendor: Other	1	\$ 5,000.00	\$ 5,000.00
Fire Bridge Import	1	\$ 1,500.00	\$ 1,500.00

TOTAL One-Time Fees **\$ 6,500.00**

Recurring Fees	Units	Price	Extended
CAD Annual Support and Hosting	1	\$ 1,750.00	\$ 1,750.00

TOTAL Recurring Fees **\$ 1,750.00**

TOTAL Year 1 **\$ 8,250.00**

Optional*	Units	Price	Extended
Out of Scope billed at \$175/Hour		\$175.00	
Onsite Training Sessions @ \$1,000/day		\$1,000.00	
Travel per Trainer (for Onsite Training at CLIENT's Facility Training)*** @ \$1,750/trainer/trip		\$1,750.00	
Webinar Training Sessions (2 hour session M-F during ImageTrend's Standard Business Hours) \$250/session		\$250.00	

*The CLIENT may elect to purchase additional services as set forth in the options identified above at any time during the contract term. The CLIENT shall exercise said options by written notice to IMAGETREND. The prices above are valid for one year from contract signature.

Payment Terms:

- a. The above mentioned items will be invoiced upon Contract signature with payment terms of net 30 days.
- b. The recurring Annual Fees will be billed annually in advance.
- c. CLIENT agrees IMAGETREND may, in IMAGETREND's discretion, cease to provide access, hosting, support or otherwise disable the Software listed in Exhibit A due to CLIENT's breach of contract, overdue payments, or missed payments.
- d. CLIENT agrees IMAGETREND may charge to CLIENT a late fee of 1.5% per month, or the highest rate allowed under the law, whichever is lower, on any overdue amounts. CLIENT also agrees IMAGETREND may charge to CLIENT all reasonable costs and expenses of collection, including attorneys' fees where, in IMAGETREND's discretion, payments are consistently deficient or late
- e. IMAGETREND will invoice sales tax to non-exempt CLIENTS where applicable.

Note: IMAGETREND is not responsible for any CAD Vendor requirements and any associated fees

Note: CAD data will only be available for 60 days in the dispatch database; which may impact CAD Recon Reports

Pricing escalation factors:

- a. IMAGETREND will perform price increases of the recurring fees. The first price increase will occur with the fees due for Year 2. These price increases will occur once every year and may not exceed 3% of the price then currently in effect.
- b. All Recurring Annual Fees are based upon anticipated usage and are subject to an annual usage audit, which may affect future fees.
- c. All hosting fees are based upon anticipated usage and includes 30 GB of Storage total. These fees are subject to annual usage audits, which may affect future fees at an increase of \$15/10GB/month for Storage.

Statements/Invoices should be mailed to:

Lisa Hanson
City of Hattiesburg
PO Box 1898
Hattiesburg, MS 39403-1898
Phone: 601-554-1034
Email: lhanson@hattiesburgms.com

ImageTrend Salesperson Contact:

Matt Rye
952-469-1589
mrye@imagnetrend.com
contracts@imagnetrend.com

EXHIBIT C – HIPAA BUSINESS ASSOCIATE AGREEMENT

BUSINESS ASSOCIATE AGREEMENT

This Business Associate Agreement ("Agreement") dated _____, 201__ (the "Effective Date"), is entered into by and between City of Hattiesburg Fire Department, a Mississippi corporation (the "Covered Entity") and ImageTrend, Inc. a Minnesota corporation (the "Business Associate").

WHEREAS, Covered Entity and Business Associate have entered into, or are entering into, or may subsequently enter into, agreements or other documented arrangements (collectively, the "Business Arrangements") pursuant to which Business Associate may provide products and/or services for Covered Entity that require Business Associate to access, create and use health information that is protected by state and/or federal law; and

WHEREAS, pursuant to the Administrative Simplification provisions of the Health Insurance Portability and Accountability Act of 1996 ("HIPAA"), the U.S. Department of Health & Human Services ("HHS") promulgated the Standards for Privacy of Individually Identifiable Health Information (the "Privacy Standards"), at 45 C.F.R. Parts 160 and 164, requiring certain individuals and entities subject to the Privacy Standards (each a "Covered Entity", or collectively, "Covered Entities") to protect the privacy of certain individually identifiable health information ("Protected Health Information", or "PHI"); and

WHEREAS, pursuant to HIPAA, HHS has issued the Security Standards (the "Security Standards"), at 45 C.F.R. Parts 160, 162 and 164, for the protection of electronic protected health information ("EPHI"); and

WHEREAS, in order to protect the privacy and security of PHI, including EPHI, created or maintained by or on behalf of the Covered Entity, the Privacy Standards and Security Standards require a Covered Entity to enter into a "business associate agreement" with certain individuals and entities providing services for or on behalf of the Covered Entity if such services require the use or disclosure of PHI or EPHI; and

WHEREAS, on February 17, 2009, the federal Health Information Technology for Economic and Clinical Health Act was signed into law (the "HITECH Act"), and the HITECH Act imposes certain privacy and security obligations on Covered Entities in addition to the obligations created by the Privacy Standards and Security Standards; and

WHEREAS, the HITECH Act revises many of the requirements of the Privacy Standards and Security Standards concerning the confidentiality of PHI and EPHI, including extending certain HIPAA and HITECH Act requirements directly to business associates; and

WHEREAS, Business Associate and Covered Entity desire to enter into this Business Associate Agreement;

NOW THEREFORE, in consideration of the mutual promises set forth in this Agreement and the Business Arrangements, and other good and valuable consideration, the sufficiency and receipt of which are hereby severally acknowledged, the parties agree as follows:

1. **Business Associate Obligations.** Business Associate may receive from Covered Entity, or create or receive on behalf of Covered Entity, health information that is protected under applicable state and/or federal law, including without limitation, PHI and EPHI. All capitalized terms not otherwise defined in this Agreement shall have the meanings set forth in the Privacy Standards, Security Standards or the HITECH Act, as applicable (collectively referred to hereinafter as the "Confidentiality Requirements"). All references to PHI herein shall be construed to include EPHI. Business Associate agrees not to use or disclose (or permit the use or disclosure of) PHI in a manner that

would violate the Confidentiality Requirements if the PHI were used or disclosed by Covered Entity in the same manner.

2. **Use of PHI.** Except as otherwise required by law, Business Associate shall use PHI in compliance with 45 C.F.R. § 164.504(e). Furthermore, Business Associate shall use PHI (i) solely for Covered Entity's benefit and only for the purpose of performing services for Covered Entity as such services are defined in Business Arrangements, and (ii) as necessary for the proper management and administration of the Business Associate or to carry out its legal responsibilities, provided that such uses are permitted under federal and state law. Covered Entity shall retain all rights in the PHI not granted herein. Use, creation and disclosure of de-identified health information by Business Associate are not permitted unless expressly authorized in writing by Covered Entity.
3. **Disclosure of PHI.** Subject to any limitations in this Agreement, Business Associate may disclose PHI to any third party persons or entities as necessary to perform its obligations under the Business Arrangement and as permitted or required by applicable federal or state law. Further, Business Associate may disclose PHI for the proper management and administration of the Business Associate, provided that (i) such disclosures are required by law, or (ii) Business Associate: (a) obtains reasonable assurances from any third party to whom the information is disclosed that it will be held confidential and further used and disclosed only as required by law or for the purpose for which it was disclosed to the third party; (b) requires the third party to agree to immediately notify Business Associate of any instances of which it is aware that PHI is being used or disclosed for a purpose that is not otherwise provided for in this Agreement or for a purpose not expressly permitted by the Confidentiality Requirements. Additionally, Business Associate shall ensure that all disclosures of PHI by Business Associate and the third party comply with the principle of "minimum necessary use and disclosure," i.e., only the minimum PHI that is necessary to accomplish the intended purpose may be disclosed; provided further, Business Associate shall comply with Section 13405(b) of the HITECH Act, and any regulations or guidance issued by HHS concerning such provision, regarding the minimum necessary standard and the use and disclosure (if applicable) of Limited Data Sets. If Business Associate discloses PHI received from Covered Entity, or created or received by Business Associate on behalf of Covered Entity, to agents, including a subcontractor (collectively, "Recipients"), Business Associate shall require Recipients to agree in writing to the same restrictions and conditions that apply to the Business Associate under this Agreement. Business Associate shall report to Covered Entity any use or disclosure of PHI not permitted by this Agreement, of which it becomes aware, such report to be made within three (3) business days of the Business Associate becoming aware of such use or disclosure. In addition to Business Associate's obligations under Section 9, Business Associate agrees to mitigate, to the extent practical and unless otherwise requested by Covered Entity in writing or as directed by or as a result of a request by Covered Entity to disclose to Recipients, any harmful effect that is known to Business Associate and is the result of a use or disclosure of PHI by Business Associate or Recipients in violation of this Agreement.
4. **Individual Rights Regarding Designated Record Sets.** If Business Associate maintains a Designated Record Set on behalf of Covered Entity, Business Associate shall (i) provide access to, and permit inspection and copying of, PHI by Covered Entity or, as directed by Covered Entity, an individual who is the subject of the PHI under conditions and limitations required under 45 CFR §164.524, as it may be amended from time to time, and (ii) amend PHI maintained by Business Associate as requested by Covered Entity. Business Associate shall respond to any request from Covered Entity for access by an individual within five (5) days of such request and shall make any amendment requested by Covered Entity within ten (10) days of such request. Any information requested under this Section 4 shall be provided in the form or format requested, if it is readily producible in such form or format. Business Associate may charge a reasonable fee based upon the Business Associate's labor costs in responding to a request for electronic information (or a cost-based fee for the production of non-electronic media copies). Covered Entity shall determine whether a denial is appropriate or an exception applies. Business Associate shall notify Covered Entity within five (5) days of receipt of any request for access or amendment by an individual. Covered Entity shall determine whether to grant or deny any access or amendment requested by the individual. Business Associate shall have a process in place for requests for amendments and for appending such

requests to the Designated Record Set, as requested by Covered Entity.

5. **Accounting of Disclosures.** Business Associate shall make available to Covered Entity in response to a request from an individual, information required for an accounting of disclosures of PHI with respect to the individual in accordance with 45 CFR §164.528, as amended by Section 13405(c) of the HITECH Act and any related regulations or guidance issued by HHS in accordance with such provision. Business Associate shall provide to Covered Entity such information necessary to provide an accounting within thirty (30) days of Covered Entity's request or such shorter time as may be required by state or federal law. Such accounting must be provided without cost to the individual or to Covered Entity if it is the first accounting requested by an individual within any twelve (12) month period. For subsequent accountings within a twelve (12) month period, Business Associate may charge a reasonable fee based upon the Business Associate's labor costs in responding to a request for electronic information (or a cost-based fee for the production of non-electronic media copies) so long as Business Associate informs the Covered Entity and the Covered Entity informs the individual in advance of the fee, and the individual is afforded an opportunity to withdraw or modify the request. Such accounting obligations shall survive termination of this Agreement and shall continue as long as Business Associate maintains PHI.
6. **Withdrawal of Authorization.** If the use or disclosure of PHI in this Agreement is based upon an individual's specific authorization for the use of his or her PHI, and (i) the individual revokes such authorization in writing, (ii) the effective date of such authorization has expired, or (iii) the consent or authorization is found to be defective in any manner that renders it invalid, Business Associate agrees, if it has notice of such revocation or invalidity, to cease the use and disclosure of any such individual's PHI except to the extent it has relied on such use or disclosure, or where an exception under the Confidentiality Requirements expressly applies.
7. **Records and Audit.** Business Associate shall make available to the U.S. Department of Health and Human Services or its agents, its internal practices, books, and records relating to the use and disclosure of PHI received from, created, or received by Business Associate on behalf of Covered Entity for the purpose of determining Covered Entity's compliance with the Confidentiality Requirements or any other health oversight agency, in a time and manner designated by the Secretary. Except to the extent prohibited by law, Business Associate agrees to notify Covered Entity immediately upon receipt by Business Associate of any and all requests by or on behalf of any and all federal, state and local government authorities served upon Business Associate for PHI.
8. **Implementation of Security Standards; Notice of Security Incidents.** Business Associate will use appropriate safeguards to prevent the use or disclosure of PHI other than as expressly permitted under this Agreement. Business Associate will implement administrative, physical and technical safeguards that reasonably and appropriately protect the confidentiality, integrity and availability of the PHI that it creates, receives, maintains or transmits on behalf of Covered Entity. Business Associate acknowledges that the HITECH Act requires Business Associate to comply with 45 C.F.R. §§ 164.308, 164.310, 164.312, 164.314, and 164.316 as if Business Associate were a Covered Entity, and Business Associate agrees to comply with these provisions of the Security Standards and all additional security provisions of the HITECH Act. Furthermore, **to the extent feasible, Business Associate will use commercially reasonable efforts** to ensure that the technology safeguards used by Business Associate to secure PHI will render such PHI unusable, unreadable and indecipherable to individuals unauthorized to acquire or otherwise have access to such PHI in accordance with HHS Guidance published at 74 Federal Register 19006 (April 17, 2009), or such later regulations or guidance promulgated by HHS or issued by the National Institute for Standards and Technology ("NIST") concerning the protection of identifiable data such as PHI. Business Associate acknowledges and agrees that the HIPAA Omnibus Rule finalized January 25, 2013 at 78 Fed. Reg. 5566 requires Business Associate to comply with new and modified obligations imposed by that rule under 45 C.F.R. §164.306, 45 C.F.R. § 164.308, 45 C.F.R. § 163.310, 45 C.F.R. § 164.312, 45 C.F.R. § 164.316, 45 C.F.R. § 164.502, 45 C.F.R. § 164.504. Lastly, Business Associate will promptly report to Covered Entity any successful Security Incident of which it becomes aware. At the request of Covered Entity, Business Associate shall identify: the date of the Security Incident, the

scope of the Security Incident, the Business Associate's response to the Security Incident and the identification of the party responsible for causing the Security Incident, if known. Business Associate and Covered Entity shall take reasonable measures to ensure the availability of all affirmative defenses under the HITECH Act, HIPAA, and other state and federal laws and regulations governing PHI and EPHI.

9. **Data Breach Notification and Mitigation.**

- a. **HIPAA Data Breach Notification and Mitigation.** Business Associate agrees to implement reasonable systems for the discovery and prompt reporting of any "breach" of "unsecured PHI" as those terms are defined by 45 C.F.R. §164.402 (hereinafter a "HIPAA Breach"). The parties acknowledge and agree that 45 C.F.R. §164.404, as described below in this Section 9.1, governs the determination of the date of a HIPAA Breach. In the event of any conflict between this Section 9.1 and the Confidentiality Requirements, the more stringent requirements shall govern. Business Associate will, following the discovery of a HIPAA Breach, notify Covered Entity immediately and in no event later than three (3) business days after Business Associate discovers such HIPAA Breach, unless Business Associate is prevented from doing so by 45 C.F.R. §164.412 concerning law enforcement investigations. For purposes of reporting a HIPAA Breach to Covered Entity, the discovery of a HIPAA Breach shall occur as of the first day on which such HIPAA Breach is known to the Business Associate or, by exercising reasonable diligence, would have been known to the Business Associate. Business Associate will be considered to have had knowledge of a HIPAA Breach if the HIPAA Breach is known, or by exercising reasonable diligence would have been known, to any person (other than the person committing the HIPAA Breach) who is an employee, officer or other agent of the Business Associate. No later than seven (7) business days following a HIPAA Breach, Business Associate shall provide Covered Entity with sufficient information to permit Covered Entity to comply with the HIPAA Breach notification requirements set forth at 45 C.F.R. §164.400 *et seq.* Specifically, if the following information is known to (or can be reasonably obtained by) the Business Associate, Business Associate will provide Covered Entity with: (i) contact information for individuals who were or who may have been impacted by the HIPAA Breach (e.g., first and last name, mailing address, street address, phone number, email address); (ii) a brief description of the circumstances of the HIPAA Breach, including the date of the HIPAA Breach and date of discovery; (iii) a description of the types of unsecured PHI involved in the HIPAA Breach (e.g., names, social security number, date of birth, address(es), account numbers of any type, disability codes, diagnostic and/or billing codes and similar information); (iv) a brief description of what the Business Associate has done or is doing to investigate the HIPAA Breach, mitigate harm to the individual impacted by the HIPAA Breach, and protect against future HIPAA Breaches; and (v) appoint a liaison and provide contact information for same so that the Covered Entity may ask questions or learn additional information concerning the HIPAA Breach. Following a HIPAA Breach, Business Associate will have a continuing duty to inform Covered Entity of new information learned by Business Associate regarding the HIPAA Breach, including but not limited to the information described in items (i) through (v), above.
- b. **Data Breach Notification and Mitigation Under Other Laws.** In addition to the requirements of Section 9.1, Business Associate agrees to implement reasonable systems for the discovery and prompt reporting of any breach of individually identifiable information (including but not limited to PHI, and referred to hereinafter as "Individually Identifiable Information") that, if misused, disclosed, lost or stolen, Covered Entity believes would trigger an obligation under one or more State data breach notification laws (each a "State Breach") to notify the individuals who are the subject of the information. Business Associate agrees that in the event any Individually Identifiable Information is lost, stolen, used or disclosed in violation of one or more State data breach notification laws, Business Associate shall promptly: (i) cooperate and assist Covered Entity with any investigation into any State Breach or alleged State Breach; (ii) cooperate and assist Covered Entity with any investigation into any State Breach or alleged State Breach conducted by any State Attorney General or State Consumer

Affairs Department (or their respective agents); (iii) comply with Covered Entity's determinations regarding Covered Entity's and Business Associate's obligations to mitigate to the extent practicable any potential harm to the individuals impacted by the State Breach; and (iv) assist with the implementation of any decision by Covered Entity or any State agency, including any State Attorney General or State Consumer Affairs Department (or their respective agents), to notify individuals impacted or potentially impacted by a State Breach.

- c. **Breach Indemnification.** Business Associate shall indemnify, defend and hold Covered Entity and its officers, directors, employees, agents, successors and assigns harmless, from and against all reasonable losses, claims, actions, demands, liabilities, damages, costs and expenses (including costs of judgments, settlements, court costs and reasonable attorneys' fees actually incurred) (collectively, "Information Disclosure Claims") arising from or related to: (i) the use or disclosure of Individually Identifiable Information (including PHI) by Business Associate in violation of the terms of this Agreement or applicable law, and (ii) whether in oral, paper or electronic media, any HIPAA Breach of unsecured PHI and/or State Breach of Individually Identifiable Information by Business Associate. If Business Associate assumes the defense of an Information Disclosure Claim, Covered Entity shall have the right, at its expense and without indemnification notwithstanding the previous sentence, to participate in the defense of such Information Disclosure Claim. Business Associate shall not take any final action with respect to any Information Disclosure Claim without the prior written consent of Covered Entity. Covered Entity likewise shall not take any final action with respect to any Information Disclosure Claim without the prior written consent of Business Associate. To the extent permitted by law and except when caused by an act of Covered Entity or resulting from a disclosure to a Recipient required or directed by Covered Entity to receive the information, Business Associate shall be fully liable to Covered Entity for any acts, failures or omissions of Recipients in furnishing the services as if they were the Business Associate's own acts, failures or omissions.

- i. Covered Entity shall indemnify, defend and hold Business Associate and its officers, directors, employees, agents, successors and assigns harmless, from and against all reasonable losses, claims, actions, demands, liabilities, damages, costs and expenses (including costs of judgments, settlements, court costs and reasonable attorneys' fees actually incurred) (collectively, "Information Disclosure Claims") arising from or related to: (i) the use or disclosure of Individually Identifiable Information (including PHI) by Covered Entity, its subcontractors, agents, or employees in violation of the terms of this Agreement or applicable law, and (ii) whether in oral, paper or electronic media, any HIPAA Breach of unsecured PHI and/or State Breach of Individually Identifiable Information by Covered Entity, its subcontractors, agents, or employees.
- ii. Covered Entity and Business Associate shall seek to keep costs or expenses that the other may be liable for under this Section 9, including Information Disclosure Claims, to the minimum reasonably required to comply with the HITECH Act and HIPAA. Covered Entity and Business Associate shall timely raise all applicable affirmative defenses in the event a violation of this Agreement, or a use or disclosure of PHI or EPHI in violation of the terms of this Agreement or applicable law occurs.

10. **Term and Termination.**

- a. This Agreement shall commence on the Effective Date and shall remain in effect until terminated in accordance with the terms of this Section 10, provided, however, that termination shall not affect the respective obligations or rights of the parties arising under this Agreement prior to the effective date of termination, all of which shall continue in accordance with their terms.
- b. Covered Entity shall have the right to terminate this Agreement for any reason upon thirty (30) days written notice to Business Associate.

- c. Covered Entity, at its sole discretion, may immediately terminate this Agreement and shall have no further obligations to Business Associate if any of the following events shall have occurred and be continuing:
 - i. Business Associate fails to observe or perform any material covenant or obligation contained in this Agreement for ten (10) days after written notice thereof has been given to the Business Associate by Covered Entity; or
 - ii. A violation by the Business Associate of any provision of the Confidentiality Requirements or other applicable federal or state privacy law relating to the obligations of the Business Associate under this Agreement.
 - d. Termination of this Agreement for either of the two reasons set forth in Section 10.c above shall be cause for Covered Entity to immediately terminate for cause any Business Arrangement pursuant to which Business Associate is entitled to receive PHI from Covered Entity.
 - e. Upon the termination of all Business Arrangements, either Party may terminate this Agreement by providing written notice to the other Party.
 - f. Upon termination of this Agreement for any reason, Business Associate agrees either to return to Covered Entity or to destroy all PHI received from Covered Entity or otherwise through the performance of services for Covered Entity, that is in the possession or control of Business Associate or its agents. In the case of PHI which is not feasible to "return or destroy," Business Associate shall extend the protections of this Agreement to such PHI and limit further uses and disclosures of such PHI to those purposes that make the return or destruction infeasible, for so long as Business Associate maintains such PHI. Business Associate further agrees to comply with other applicable state or federal law, which may require a specific period of retention, redaction, or other treatment of such PHI.
11. **No Warranty.** PHI IS PROVIDED TO BUSINESS ASSOCIATE SOLELY ON AN "AS IS" BASIS. COVERED ENTITY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE.
12. **Ineligible Persons.** Business Associate represents and warrants to Covered Entity that Business Associate (i) is not currently excluded, debarred, or otherwise ineligible to participate in any federal health care program as defined in 42 U.S.C. Section 1320a-7b(f) ("the Federal Healthcare Programs"); (ii) has not been convicted of a criminal offense related to the provision of health care items or services and not yet been excluded, debarred, or otherwise declared ineligible to participate in the Federal Healthcare Programs, and (iii) is not under investigation or otherwise aware of any circumstances which may result in Business Associate being excluded from participation in the Federal Healthcare Programs. This shall be an ongoing representation and warranty during the term of this Agreement, and Business Associate shall immediately notify Covered Entity of any change in the status of the representations and warranty set forth in this section. Any breach of this section shall give Covered Entity the right to terminate this Agreement immediately for cause.
13. **Miscellaneous.**
- a. **Notice.** All notices, requests, demands and other communications required or permitted to be given or made under this Agreement shall be in writing, shall be effective upon receipt or attempted delivery, and shall be sent by (i) personal delivery; (ii) certified or registered United States mail, return receipt requested; or (iii) overnight delivery service with proof of delivery. Notices shall be sent to the addresses below. Neither party shall refuse delivery of any notice hereunder.

If to Covered Entity:

Compliance Office

If to Business Associate:

ImageTrend, Inc.
Attn: Michael J. McBrady
20855 Kensington Blvd.
Lakeville, MN 55044

14. **Waiver.** No provision of this Agreement or any breach thereof shall be deemed waived unless such waiver is in writing and signed by the Party claimed to have waived such provision or breach. No waiver of a breach shall constitute a waiver of or excuse any different or subsequent breach.
15. **Assignment.** Neither Party may assign (whether by operation or law or otherwise) any of its rights or delegate or subcontract any of its obligations under this Agreement without the prior written consent of the other Party. Notwithstanding the foregoing, Covered Entity shall have the right to assign its rights and obligations hereunder to any entity that is an affiliate or successor of Covered Entity, without the prior approval of Business Associate.
16. **Severability.** Any provision of this Agreement that is determined to be invalid or unenforceable will be ineffective to the extent of such determination without invalidating the remaining provisions of this Agreement or affecting the validity or enforceability of such remaining provisions.
17. **Entire Agreement.** This Agreement constitutes the complete agreement between Business Associate and Covered Entity relating to the matters specified in this Agreement, and supersedes all prior representations or agreements, whether oral or written, with respect to such matters. In the event of any conflict between the terms of this Agreement and the terms of the Business Arrangements or any such later agreement(s), the terms of this Agreement shall control unless the terms of such Business Arrangements are more strict with respect to PHI and comply with the Confidentiality Requirements, or the parties specifically otherwise agree in writing. No oral modification or waiver of any of the provisions of this Agreement shall be binding on either Party; provided, however, that upon the enactment of any law, regulation, court decision or relevant government publication and/or interpretive guidance or policy that the Covered Entity believes in good faith will adversely impact the use or disclosure of PHI under this Agreement, Covered Entity may amend the Agreement to comply with such law, regulation, court decision or government publication, guidance or policy by delivering a written amendment to Business Associate which shall be effective thirty (30) days after receipt. No obligation on either Party to enter into any transaction is to be implied from the execution or delivery of this Agreement. This Agreement is for the benefit of, and shall be binding upon the parties, their affiliates and respective successors and assigns. No third party shall be considered a third-party beneficiary under this Agreement, nor shall any third party have any rights as a result of this Agreement.
18. **Governing Law.** This Agreement shall be governed by and interpreted in accordance with the laws of the state in which Business Associate is located, excluding its conflicts of laws provisions. Jurisdiction and venue for any dispute relating to this Agreement shall exclusively rest with the state and federal courts in the county in which Business Associate is located.

19. **Equitable Relief.** The parties understand and acknowledge that any disclosure or misappropriation of any PHI in violation of this Agreement will cause the other irreparable harm, the amount of which may be difficult to ascertain, and therefore agrees that the injured party shall have the right to apply to a court of competent jurisdiction for specific performance and/or an order restraining and enjoining any such further disclosure or breach and for such other relief as the injured party shall deem appropriate. Such right is to be in addition to the remedies otherwise available to the parties at law or in equity. Each party expressly waives the defense that a remedy in damages will be adequate and further waives any requirement in an action for specific performance or injunction for the posting of a bond.
20. **Nature of Agreement; Independent Contractor.** Nothing in this Agreement shall be construed to create (i) a partnership, joint venture or other joint business relationship between the parties or any of their affiliates, or (ii) a relationship of employer and employee between the parties. Business Associate is an independent contractor, and not an agent of Covered Entity. This Agreement does not express or imply any commitment to purchase or sell goods or services.
21. **Counterparts.** This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same document. In making proof of this Agreement, it shall not be necessary to produce or account for more than one such counterpart executed by the party against whom enforcement of this Agreement is sought. Signatures to this Agreement transmitted by facsimile transmission, by electronic mail in portable document format (".pdf") form, or by any other electronic means intended to preserve the original graphic and pictorial appearance of a document, will have the same force and effect as physical execution and delivery of the paper document bearing the original signature.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the Effective Date.

COVERED ENTITY:
City of Hattiesburg Fire Department

BUSINESS ASSOCIATE:
ImageTrend

By: _____

By: _____

(Print or Type Name)

Michael J. McBrady

(Print or Type Name)

(Title)

President

(Title)

Date: _____

Date: _____

EXHIBIT D – INSURANCE CERTIFICATE

Intentionally left blank



City of Hattiesburg, MS

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

FILE NUMBER: 2017-506

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Extend State of Emergency for an Additional 30 days

Title: Extend state of emergency for an additional 30 days to allow for the ongoing cleanup resulting from the tornado that occurred on January 21, 2017.

Type: Action Item

Drafter: Lisa Luu

In Control: City Council

Reference:

Attachments:

File Created: 06/14/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File



City of Hattiesburg, MS

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

FILE NUMBER: 2017-508

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Amend Comp Plan 2008-2028, Map 2. Future Land Use

Title: Adopt a resolution to amend the City's Comprehensive Plan 2008-2028, Chapter – 7 Land Use and Development, Map 2. Future Land Use, changing 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”, filed by Tara Poole, President, HHNA. The Planning Commission recommended to APPROVE on June 7, 2017.

Type: Resolution

Drafter: Ginger Maddox

In Control: City Council

Reference:

Attachments: RES - Amend Comp Plan Future Land Use Map, June HPC BOA Minutes (draft), Comp Plan Amendment Report - Future Land Use Map, Comp Plan Amendment - Future Land Use Map - Petition Against Change

File Created: 06/16/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File

**A RESOLUTION OF THE CITY OF HATTIESBURG AMENDING CHAPTER 7
OF THE COMPREHENSIVE PLAN 2008-2028, ADOPTED 12-16-08, 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”**

WHEREAS, the City Council adopted Resolution #2008-192 December 16, 2008, to adopt the Comprehensive Plan 2008-2028 for the City of Hattiesburg; and,

WHEREAS, the Comprehensive Plan’s future land-use map depicts long-range plans for the desirable use of land within the city, designates how land should be used or re-used, and serves as a guide for decision-making by property owners, developers, members of appointed boards and the City Council; and,

WHEREAS, the Comprehensive Plan’s combined future land use narrative and map serve as the city’s guiding land-use policy, and also as the primary reference for updating the current land development code and the existing zoning map in providing regulations as needed to implement the goals and objectives of the 20-year plan; and,

WHEREAS, the Planning Commission has determined that it is in the best interests of the City of Hattiesburg to change the future land use of Bay Street from the intersection of Hall Avenue to Gordon’s Creek from “Neighborhood Business” to “Neighborhood Conservation District 1”;

NOW THEREFORE BE IT RESOLVED that the City’s Comprehensive Plan 2008-2028, Chapter – 7 Land Use and Development, Map 2. Future Land Use, shall be changed to designate the future land use of Bay Street from the intersection of Hall Avenue to Gordon’s Creek as “Neighborhood Conservation District 1”.

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

YEAS:

NAYS:

ABSENT:

The President thereby declared the motion carried and the foregoing Resolution adopted and approved, this the 20th day of June, A.D., 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 20th day of June, A.D., 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

**MINUTES OF THE
REGULAR MEETING OF THE
HATTIESBURG PLANNING COMMISSION AND BOARD OF ADJUSTMENTS
June 7, 2017**

The Hattiesburg Planning Commission and Board of Adjustments did meet in a regular session on June 7, 2017 at 1:00 p.m. at the Jackie Dole Community Center, 220 West Front Street, Hattiesburg, Mississippi. Dick Conville, Chairman, presided over the meeting. A quorum was indicated and the attendance was as follows:

Commissioners Present: Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Peggy Horton, Secretary
Judy Corts

Commissioners Absent: Mark Miller
Jessie Wilson
Sandra Thompson

Board Members Present: Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Peggy Horton, Secretary
Judy Corts

Board Members Absent: Mark Miller
Jessie Wilson

Also Present: Ginger Maddox, AICP, Planning Division Manager
Pattie Brantley, AICP, Director of Urban Development
Stephen Guthrie, Planner

Chairman Conville declared the meeting of the Hattiesburg Planning Commission and Board of Adjustments open and in session at 1:05 P.M.

INVOCATION

Chairman Conville held a moment of silence.

AGENDA REVIEW

There came the matter of the June 2017 Agenda. A request was made by Chairman Conville for a motion to approve the June 2017 Agenda. A motion was made to approve the June 2017 Agenda by Commissioner Hinton and seconded by Commissioner Horton.

Commissioners voting aye: Amy Hinton
Peggy Horton
Judy Corts

Commissioners voting nay: None

Commissioners abstaining: None

MINUTES REVIEW

There came the matter of the May 3, 2017, minutes. A request was made by Chairman

Conville for a motion to approve the May 3, 2017, minutes. A motion was made by Commissioner Corts to approve the minutes and seconded by Commissioner Hinton.

Commissioners voting aye: Amy Hinton
Peggy Horton
Judy Corts

Commissioners voting nay: None

Commissioners abstaining: None

REPORTS

BUILDING REPORT

There came the matter of the Building Report. There was none.

PLANNING REPORT

There came the matter of the Planning Report by Ginger Maddox, Planning Division Manager. At the May 16, 2017, City Council Meeting the following items were heard and action taken on: 54 East Yellowstone Dr, D.R. Horton, setback variance (approved); 3200 Arlington Loop, University Baptist Church, sign variance (approved).

CHAIRMAN’S REPORT

There came the matter of the Chairman’s Report. There was none.

PUBLIC HEARING

Chairman Conville declared the Public Hearing open at 1:15 P.M. and read the rules and procedures of the hearing.

There came the matter of Item A (Text Amendment), filed by Tara Poole, President, HHNA, To consider an application 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”.

	Name	Address	City/State
<u>Presented by:</u>	Tara Poole - Representative	604 Court St	Hattiesburg, MS
<u>Proponents:</u>	Seth Hunter - HHNA Attorney	508 Walnut St	Hattiesburg, MS
<u>Opponents:</u>	Denardo Williams Jerry Blue	932 W. 6 th St.	Hattiesburg, MS Hattiesburg, MS

Chairman Conville declared the Public Hearing closed and the Business Meeting open to vote on the request. Commissioner Hinton made a motion to approve the request for the text amendment to the City of Hattiesburg’s Comprehensive Plan 2008-2028. The motioned was seconded by Commissioner Corts.

Commissioners voting aye: Judy Corts
Amy Hinton

Commissioners voting nay: Peggy Horton

Commissioners abstaining: None

There came the matter of Item B (Rezone), filed by Paige Kennedy, Representative, on behalf of Lynn Cartlidge, Owner, as required in the Land Development Code, Ord. No. 3209, to request a zoning change to a certain property located at 105 Mamie Street (Parcel 2-029N-09-002.00, PPIN 19470, Ward 4) from Section 4.5.3, R-1A (Single-family Residential) District to Section 4.5.4 R-1 B (Single Family Residential) District and Section 4.5.8 B-1 (Professional Business) District.

	Name	Address	City/State
<u>Presented by:</u>	Paige Kennedy SMPDD, Representative	700 Hardy Street	Hattiesburg, MS
<u>Proponents:</u>	Mike Essary - Neel-Schaffer	704 Hardy Street	Hattiesburg, MS
<u>Opponents:</u>	None		

Chairman Conville declared the Public Hearing closed and the Business Meeting open to vote on the request. Commissioner Corts made a motion to approve the request for rezoning with the following criteria: there is a public need for the change in question, based on the comprehensive plan. The motion was seconded by Commissioner Horton.

Commissioners voting aye: Amy Hinton
Peggy Horton
Judy Corts

Commissioners voting nay: None

Commissioners abstaining: None

There came the matter of Item C (Rezone), filed by Sarah Newton, Representative, on behalf of David Ott, Owner, as required in the Land Development Code, Ord. No. 3209, to request a zoning change to a certain property located at 209 Buschman Street (Parcel 029I-10-218.00, PPIN 18556, Ward 4) from Section 4.5.10, B-3 (Community Business) District to Section 4.5.11 B-4 (Downtown) District.

	Name	Address	City/State
<u>Presented by:</u>	Sarah Newton - Representative	312 3 rd Avenue	Hattiesburg, MS
<u>Proponents:</u>	David Ott - Owner	310 S. 22 nd Avenue	Hattiesburg, MS
<u>Opponents:</u>	None		

Chairman Conville declared the Public Hearing closed and the Business Meeting open to vote on the request. Commissioner Horton made a motion to approve the request for rezoning with the following criteria: a material change in the circumstances and conditions of the neighborhood and area surrounding the petitioned property. The motion was seconded by Commissioner Hinton.

Commissioners voting aye: Amy Hinton
Peggy Horton
Judy Corts

Commissioners voting nay: None

Commissioners abstaining: None

There were no petitions submitted to the Board of Adjustments.

BUSINESS MEETING

There being no further business, the meeting was adjourned at 2:00 PM. Commissioner Hinton made a motion to adjourn the meeting. The motion was seconded at Commissioner Horton.

Dick Conville, Chairman

Ginger Maddox, AICP, CFM, Planning Division Manager

SUBJECT PARCEL:

Tara Poole, President, HHNA

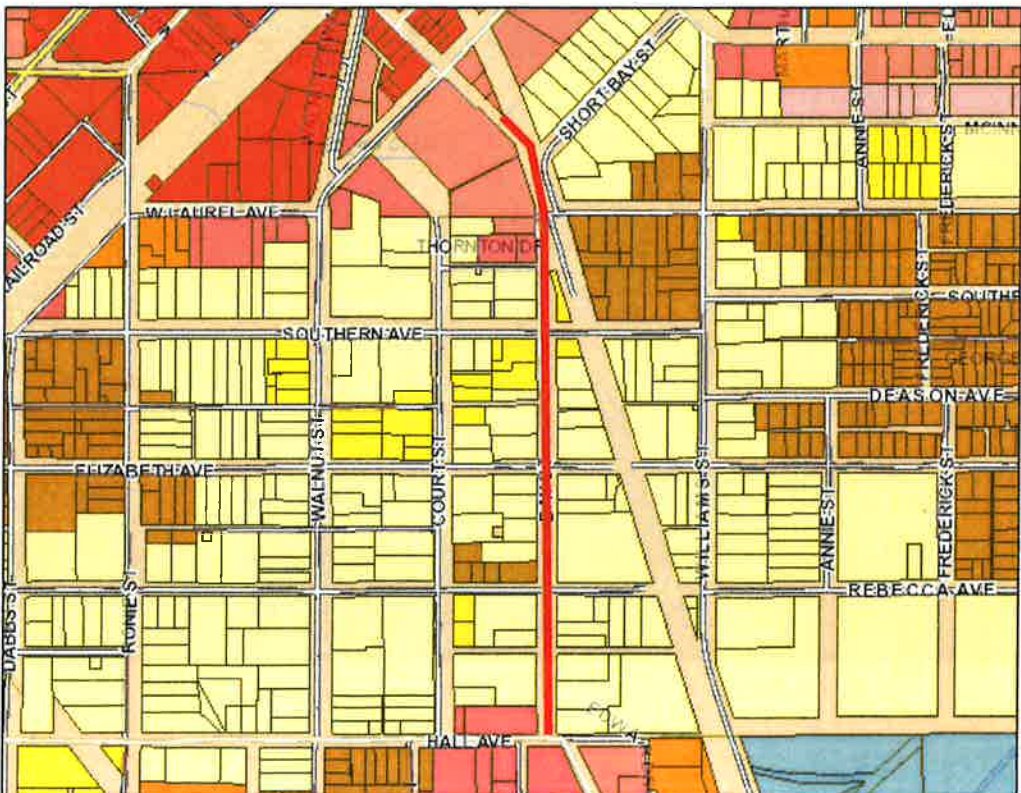
The applicant requests to amend the City's Comprehensive Plan 2008-2028, Chapter – 7 Land Use and Development, Map 2. Future Land Use, to change the designated "Future Land Use" of Bay Street from the intersection of Hall Avenue to Gordon's Creek from "Neighborhood Business" to "Neighborhood Conservation District 1".



Vicinity Map—Ward 4



Zoning

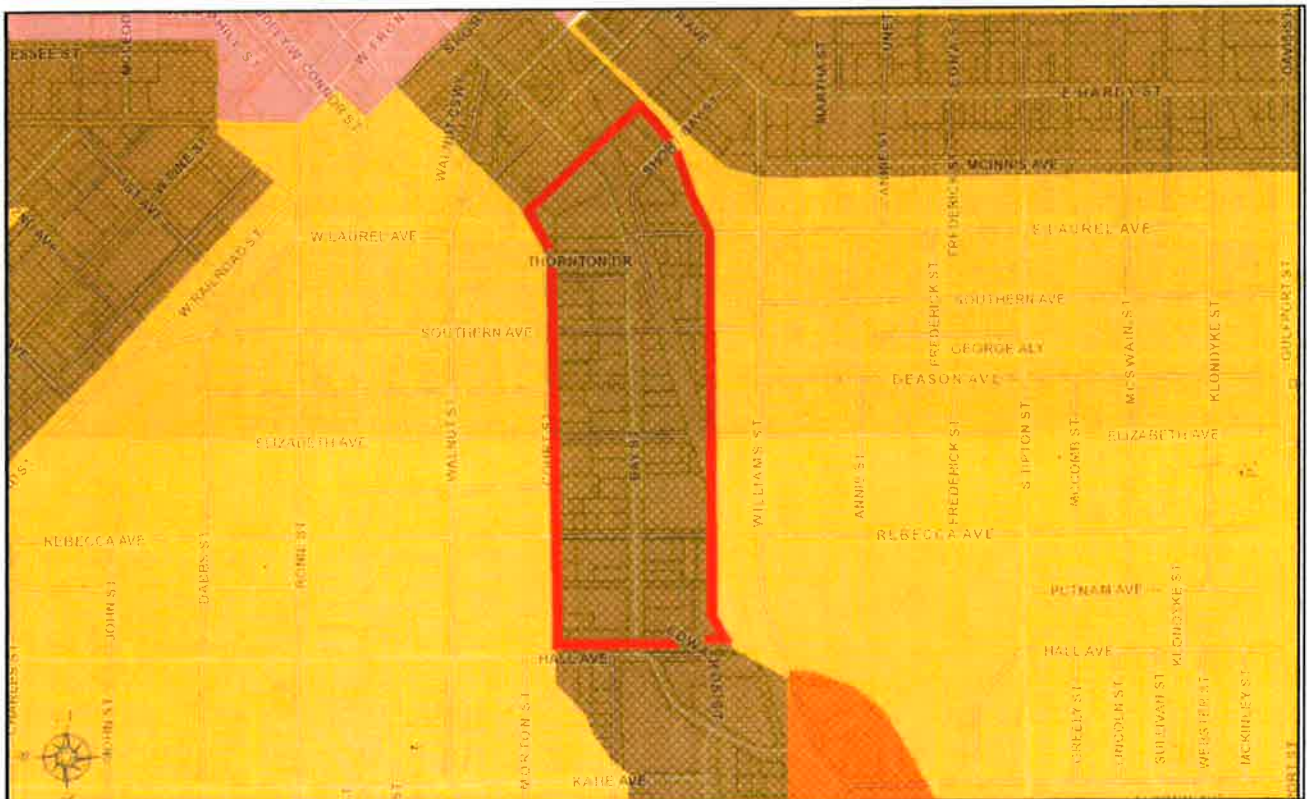
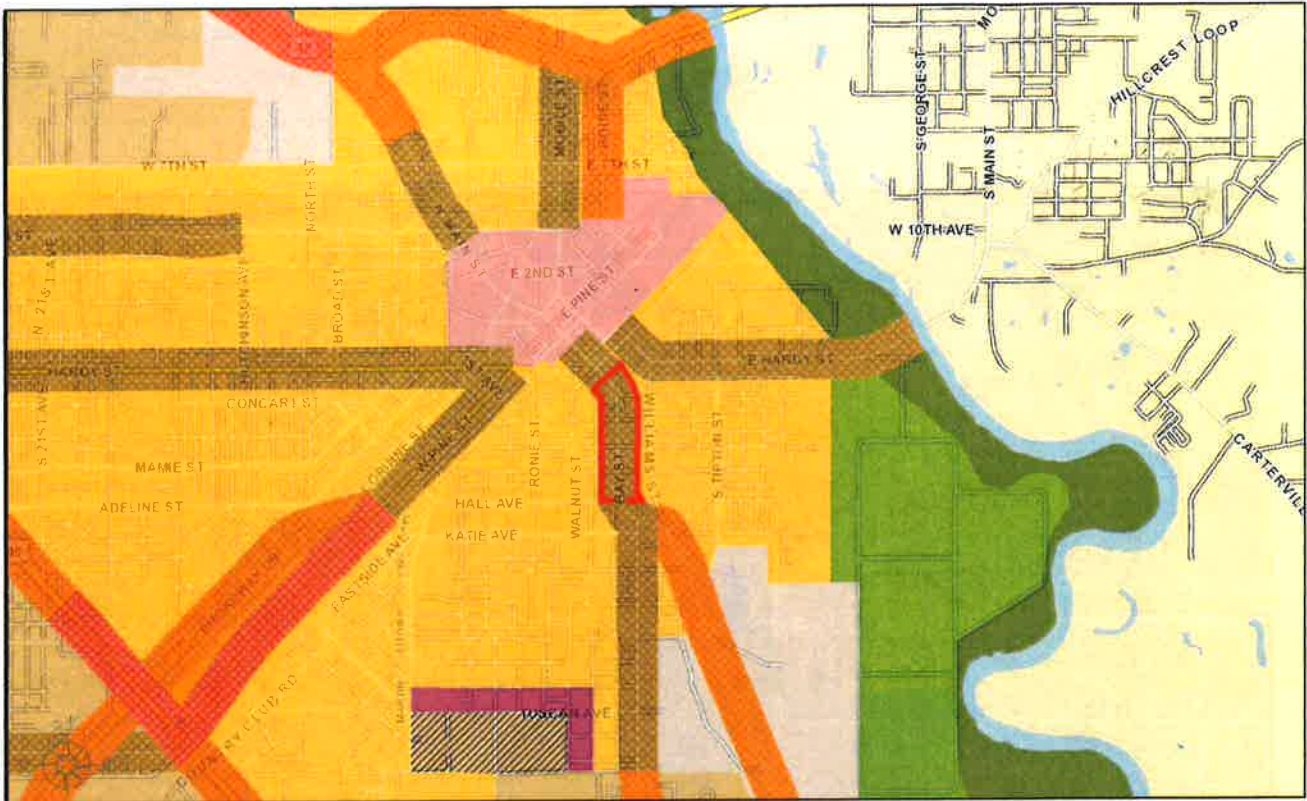


Site Aerial



Future Land Use Map

The area outlined in red shows the location of the proposed Future Land Use change from "Neighborhood Business" to "Neighborhood Conservation District 1". The proposed change is consistent with the surrounding neighborhood Future Land Use.



SURROUNDING AREA

Northern end of proposed Future Land Use Map change



SURROUNDING AREA

Southern end of proposed Future Land Use Map change





**Planning Commission
Case Fact Sheet**

Applicant: Tara Poole, President, HHNA
Seth Hunter, HHNA Attorney

Request: To consider an application 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".

Applicant Summary: See Attached letter from Tara Poole, President, HHNA, dated March 16, 2017, and letter from Seth Hunter, Attorney, HHNA, dated February 3, 2017.

Applicable Regulations: **What is the Future Land-Use Map?** (Comp Plan Pg 93)
A future land-use map depicts the long-range plan for the desirable use of land within the city. The map designates how land should be used or re-used and should serve as a guide for decision-making by property owners, developers, appointed boards (Land Development Code Board of Adjustments and Hattiesburg Planning Commission), and the Hattiesburg City Council. The future land use plan, including the narrative and map, should be the reference used to update the current land development code and the existing zoning map in order to provide the regulations needed to implement the goals and objectives of the 20 year plan.
Upon adoption of the comprehensive plan by the Hattiesburg City Council, the map and narrative become the city's guiding land-use policy. If any petitions (zoning changes, use or development permits, subdivisions, ordinance amendments, etc.) are approved by the city that are not consistent with the future land use plan, an amendment to reflect the change(s) to the future land use plan and future land use map should be adopted by the city.

Special Residential Districts (Comp Plan Pg 95)

Neighborhood Conservation District 1 – Downtown/Historic Neighborhoods

- This Neighborhood Conservation District is primarily a residential district located adjacent to Downtown Hattiesburg and in older, established neighborhoods east of U.S. Highway 49. In this district, predominantly-residential land uses may be found that exhibit certain types of development patterns.

District Characteristics - The characteristics of this district include the following: moderate-density single-family residences or residential lands along the city's original street system; certain two-family and multi-family uses constructed to the character of the surrounding neighborhood; buildings with shallow front and side yards; certain neighborhood business land uses that are compatible in design to the surrounding residential areas; and a higher overall density of development than modern or suburban neighborhoods.

District Land Uses - The following land uses should be found in this district: single-family residential uses; certain two-family and multi-family residences, subject to use, density, and design guidelines; public and quasi-public uses, such as churches and schools; and small offices and retail uses clustered along collector streets or at the edges of neighborhoods and constructed to the same character as the surrounding residences.

Commercial Land Uses (Comp Plan Pg 96)

Neighborhood Business District - The Neighborhood Business District is primarily a residential district located along the city's collector, minor arterial, and certain local streets. In this district, certain residential and low-intensity business uses may be found that exhibit development patterns that complement the residential, pedestrian-oriented character of surrounding neighborhoods.

District Characteristics - The characteristics of this district include the following: moderate-density single-family residences and certain two-family and multi-family uses; mixed-use buildings and developments; smaller, lower-intensity business developments that provide services to the neighborhood and community; and less-intensive commercial uses than are found in the Community Business District. Site development standards should include maximum building sizes, maximum residential densities, minimum and maximum building setbacks, building and site design elements, and provisions for pedestrian comfort and accessibility.

District Land Uses - The following land uses should be found in this district: single-family residential uses; two-family and multi-family residences, subject to use, density, and design guidelines; public and quasi-public uses, such as general indoor retail, specialty retail, service and office land uses that do not require the outdoor storage of goods or equipment.

Item: A
Hattiesburg Historic Neighborhood Association
Request for **Comprehensive Plan Amendment**

**Letters or
Concerns stated:**

The Planning Division Office has not received any letters or other written communications relative to this case as of May 22, 2017

History / Background:

No portion of Bay Street is individually listed as a business corridor or as a gateway within the Comprehensive Plan. The change to "Neighborhood Conservation District 1" is consistent with the surrounding neighborhood Future Land Use. This request is consistent with the Neighborhood's intent, as required by the Comprehensive Plan, Page 92, Implementation Actions under Chapter 7 Land Use and Development.

Basis for Approval:

Recommend **APPROVAL** or **DENIAL** of the request 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".

THE LAW OFFICE OF
DUKES, DUKES & HUNTER
226 WEST PINE STREET - P. O. BOX 2055
HATTIESBURG, MISSISSIPPI 39403-2055

JAMES K. DUKES
JDukes@JDukesLaw.com

JAMES K. DUKES, JR.
JDukesJr@JDukesLaw.com

SETH M. HUNTER*
SHunter@JDukesLaw.com

*Also licensed in TX

R. CHRISTOPHER WOOD
(1950-2010)

TELEPHONE
601-544-4121
FAX
601-544-4425

February 3, 2017

Ms. Pattie Brantley
Director of Urban Development
200 Forrest St.
Hattiesburg, MS 39401

RE: *Hattiesburg Historic Neighborhood Association/Bay Street*

Dear Pattie:

As you know, in 2008, Hattiesburg adopted a Comprehensive of Future Land Use Plan. As part of that plan, Bay Street, from Hall Avenue, into Downtown Hattiesburg, was designated as a Neighborhood Business Corridor. Of course, as you also know, the 1989 Land Development Code zoned all of Bay Street from Hall Avenue into Downtown Hattiesburg as R-1B Single Family Residential, to which any non-conforming use owners would revert under certain conditions and guidelines, per City of Hattiesburg Ordinance Number 2230 Section 12.03 Page 46.

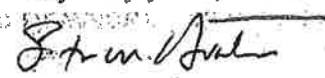
At this time, the Hattiesburg Historic Neighborhood Association would like to investigate, and begin the process of, modifying the comprehensive plan to exclude the subject Bay Street portion from a Neighborhood Business Corridor designation to Neighborhood Conservation District 1, as it should have been in 2008.

Members of the Hattiesburg Historic Neighborhood Association would like to meet with you and the Planning Commission in order to get this process moving forward. Please let me know when would be a good time for that to occur.

I look forward to working with you on this project. Please contact me should you have any questions.

With kind regards, I remain,

Very truly yours,


SETH M. HUNTER

SMH/ab



Hattiesburg Historic Neighborhood Association
www.hattiesburghistoricneighborhood.com

March 16, 2017

Ms. Pattie Brantley
Director of Urban Development
200 Forrest St.
Hattiesburg, MS 39401

RE: *Hattiesburg Historic Neighborhood Association/Bay Street*

Dear Ms. Brantley:

In 2008, Hattiesburg adopted a Comprehensive Future Land Use Plan. As part of that plan, Bay Street, from Hall Avenue, into Downtown Hattiesburg, was designated as a Neighborhood Business Corridor. However, the 1989 Land Development Code zoned all of Bay Street/Main Street from Hall Avenue into Downtown Hattiesburg (to Front Street) as R-1B Single Family Residential, to which any non-conforming use owners would revert under certain conditions and guidelines, per City of Hattiesburg Ordinance Number 2230 Section 12.03 Page 46.

At this time, the Hattiesburg Historic Neighborhood Association ("HHNA") respectfully requests that the Comprehensive Future Land Use Plan be amended to exclude the subject Bay Street/Main Street portion of the HHNA (Hall Avenue to Gordon Creek) from a potential future land use of "Neighborhood Business Corridor" designation to "Neighborhood Conservation District 1," as it should have been in 2008.

Please let me and Seth M. Hunter (counsel for the HHNA) know if and when a hearing on this matter will occur before the Planning Commission, the City Council, or any other body, and what else HHNA needs to do to facilitate the above-referenced change of designation.

I look forward to working with you on this project. Please contact me should you have any questions.

Sincerely,

Tara Poole
President, HHNA

TP

cc: Seth M. Hunter, Esq.



Petition to modify boundaries of Future Land Use Change

Petition summary and background	"Exclude properties north of Southern Avenue from Future Land Use change"		
Action petitioned for	We, the undersigned, are concerned citizens who urge our leaders to act now to modify the boundaries to exclude properties north of Southern Avenue from the initiated change by the HHNA (Hattiesburg Historic Neighborhood Association). The proposal is to amend the Future Land Use plan from Neighborhood Business District to Neighborhood Conservation District 1. The Comprehensive Plan, which includes the Future Land Use Map, was adopted in 2008 as a guidance for future development in the City of Hattiesburg. The proposed change can potentially place limitations on property and business owners that plan to improve and develop their property within that area. Please hear our voice by supporting our concerns and deny the request to include properties north of Southern Avenue, which lead to Downtown District, that currently and have previously operated as historical businesses within our community.		

Printed Name	Signature	Address	Comment	Date
Dorothy	<i>Dorothy</i>	1010 E Laurel Ave		6-14/17
McWilliam	<i>McWilliam</i>			6-21-17
Cory V. Anderson	<i>Cory V. Anderson</i>	927 E. Laurel		6-4-17
Vickie Dukes	<i>Vickie Dukes</i>	1011 E Laurel Ave		6/4-17
Sunnybrook	<i>Sunnybrook</i>	919 E Laurel		6/4/17
Wynne	<i>Wynne</i>	917 E. Laurel Ave		6/4/17
William Anderson	<i>William Anderson</i>	915 E. Laurel Ave		6/4/17
Janet Cae Kwon	<i>Janet Cae Kwon</i>	913 E. Laurel Ave.		6/4/17
Katherine L. Jones	<i>Katherine L. Jones</i>	911 E Laurel Ave		6/4/17
Ross Ford	<i>Ross Ford</i>	520 W. 11th St		6/4/17
Charmaine P. Smith	<i>Charmaine P. Smith</i>	923 Maris St.		6/4/17

Printed Name Signature Address Date

Noel Howard	Noel Howard		
Noel Howard	Noel Howard	208 Gordon St Apt 104	
CHARLIE BROWN	Charlie Brown	925 McInnis	
Lorraine Adam	Lorraine Adam	1005 McInnis Ave	
Darrell Thomas	Darrell Thomas	4019 F Hardy St	
Edna Hubbard	Edna Hubbard	111 EDNA ST	
Winfred Hudson	Winfred Hudson	203 EDNA ST	
Lamathy Summers	Lamathy Summers	209 Edna St	
Kewin Taylor	Kewin Taylor	206 Tipton St	
Tara Summer	Tara Summer	700 Edna St	
Emel Woods	Emel Woods	1100 Jennie St	
Prentis Woods	Prentis Woods	1100 Jennie St	
Kristie Taylor	Kristie Taylor	2410 McInnis Loop Apt 110	
Tara Magee	Tara Magee	304 North Tipton St	
Shannon Coby	Shannon Coby	300 North Tipton St	

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Printed Name	Signature	Address	Comment	Date
Robert Walker	Robert Walker	200 Tuscan Ave.		6/3/17
Rico D. Hoig	Rico D. Hoig	127 Melrose		6/3/17
Shari Dedrick	Shari Dedrick	118 Independence Ave		6-3-17
Jennie Reedy	Jennie Reedy	202 Galtport St		6-3-17
Kelvin McLaughlin	Kelvin McLaughlin	330 Galtport St		6-4-17
J.V. Lee	J.V. Lee	303 W 1st St		6-4-17
C. Robinson	C. Robinson	1315 E. 2nd St		6-4-17
	Galvin Dent	1304 Rebecca Ave		6-4-17
Melvin M. Moore	Melvin M. Moore	1310 Blum Ave		6/4/17
Larry Anderson	Larry Anderson	900 Tipton Ave		6/4/17
Adam J. Taylor	Adam J. Taylor	1304 Rebel		

Printed Name Signature

Date

Leroy Scaugh	L S D	1215 Rebecca Ave	6-4-17
Deleena Brown	Deleena Brown	11215 Rebecca Ave	6-4-17
TERRELLA HIDE	James H	1213 Rebecca Ave	6-4-17
Dean Kelly	Sean H. Kelly	625 McCOMBST	6-4-17
Emmeline	Emmeline	1111 Tipton St	6-4-17
Paul C. S. M.	P C S	6014 N. S. Tipton St	6-4-17
Tim Reid	Tim Reid	601 S. Tipton St	6-4-17
Robi O'Hara	Robi O'Hara	509 S. Tipton St	6-4-17
Joe B. Hinton	Joe B. Hinton	509 S. Tipton St	6-4-17
Mary E. Haring		609 S. Tipton St	
Jess Williams	Jess Williams	1210 Denson Ave.	6/4/17
L. Woodard	L. Woodard	1101 Stothers Ave	6-4-17
Patricia Cook	Patricia Cook	East Tipton St	6-4-17
Renee Bounds	Renee Bounds	East Tipton Ave	6-4-17
Rayna Corbett	Rayna Corbett	East Hardy St	6-4-17





Petition to modify boundaries of Future Land Use Change

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Printed Name	Signature	Address	Comment	Date
Dorothy J Patton	<i>Dorothy J Patton</i>	432 M L St, Gae		June 3, 2017
B. M. Watson	<i>B. M. Watson</i>	53 M L St, Gae		June 3, 17
Ala Zap	<i>Ala Zap</i>	53 M L St, Gae		
Termaie Fige	<i>Termaie Fige</i>	M2 Melrose St		
DETURER	<i>DETURER</i>	600 To Hays		June 6, 2017
Willie S. Sims	<i>Willie S. Sims</i>	215 Rebecca Ave		6-6-17
James L. Payton	<i>James L. Payton</i>	607 John St		June 10-17
	<i>James L. Payton</i>	211 Rebecca Ave		6-6-2017



Petition to modify boundaries of Future Land Use Change

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Printed Name	Signature	Address	Comment	Date
Dominique Davis	<i>[Signature]</i>	211 Edna St Hattiesburg		6/4/17
Mead Crawford	<i>[Signature]</i>	215 Edna St (City)		
DeCarlo Shaw	<i>[Signature]</i>	457 W. 4 Street		
Renee Scott	<i>[Signature]</i>	102 Bonnie St		
John Bell	<i>[Signature]</i>	204 South Tipton St		
Kelby Crosby	<i>[Signature]</i>	302 South Tipton		
Dennis Allen	<i>[Signature]</i>	100 Currie		
Chris McLaughlin	<i>[Signature]</i>	105 Currie		
Dennis [unclear]	<i>[Signature]</i>	101 Eutaw		
Hatter m	<i>[Signature]</i>	944 Oak		
Isaiah	<i>[Signature]</i>	215 Oak St		6/4/17



Petition to modify boundaries of Future Land Use Change

Petition summary and background	“Exclude properties north of Southern Avenue from Future Land Use change” We, the undersigned, are concerned citizens who urge our leaders to act now to modify the boundaries to exclude properties north of Southern Avenue from the initiated change by the HHNA (Hattiesburg Historic Neighborhood Association). The proposal is to amend the Future Land Use plan from Neighborhood Business District to Neighborhood Conservation District 1. The Comprehensive Plan, which includes the Future Land Use Map, was adopted in 2008 as a guidance for future development in the City of Hattiesburg. The proposed change can potentially place limitations on property and business owners that plan to improve and develop their property within that area. Please hear our voice by supporting our concerns and deny the request to include properties north of Southern Avenue, which lead to Downtown District, that currently and have previously operated as historical businesses within our community.
Action petitioned for	

Printed Name	Signature	Address	Comment	Date
Lorrie Bester	<i>Lorrie Bester</i>	198 Gulfport St.		6-4-17
Timothy Wilson	<i>Timothy Wilson</i>	1308 Inland Ave		6-4-17
Jelinda May	<i>Jelinda May</i>	1305 N. Kings Ave		
Debbie Stokes	<i>Debbie Stokes</i>	204 McSwain St		6-4-17
Alfred Crossley	<i>Alfred Crossley</i>	301 McSwain St		6-4-17
Narcie Cooper	<i>Narcie Cooper</i>	305 McSwain St		6/4/17
Demetrius Wilson	<i>Demetrius Wilson</i>	1102 Rebecca Ave		6/4/17
Dollie Mallette	<i>Dollie Mallette</i>	310 McSwain St.		6/4/17
Polk Edwin	<i>Polk Edwin</i>	407 McSwain St		6/4/17
Elmer P. Galt	<i>Elmer P. Galt</i>	310 Ruby		6/4/17
Christopher Roberts	<i>Christopher Roberts</i>	1213 Deason Ave.		6/4/17

Joanna Barker	501 McCombs St	G. Barker		
John Young	409 S. Tipton St	G. Young		
Mick Baker	404 Tipton	Mickell Baker		
Doraine Mann	660 1/2 Doran			
Tommy Rodriguez	447 Frederick St			
Garry Allen	1005 South St			
David Hoand	918 South St			
Maurice Duff	912 Southern Ave	M. Duff		
Brian Brown	Brown Brown	901 Southern Ave		
Angie Ann	406 Ann			
Alicia Cowin	1007 McCombs St	Alicia Cowin		
Charlotte Taylor	1006 McCombs Ave	Charlotte Taylor		
Esther Hathorn	1006 McCombs	Esther Hathorn		
Maybelline Granillo	E Hardy St	Maybelline Granillo		
Sofia	105 Edmore	Sofia		





Petition to modify boundaries of Future Land Use Change

Petition summary and background Action petitioned for	"Exclude properties north of Southern Avenue from Future Land Use change" We, the undersigned, are concerned citizens who urge our leaders to act now to modify the boundaries to exclude properties north of Southern Avenue from the initiated change by the HHNA (Hattiesburg Historic Neighborhood Association). The proposal is to amend the Future Land Use plan from Neighborhood Business District to Neighborhood Conservation District 1. The Comprehensive Plan, which includes the Future Land Use Map, was adopted in 2008 as a guidance for future development in the City of Hattiesburg. The proposed change can potentially place limitations on property and business owners that plan to improve and develop their property within that area. Please hear our voice by supporting our concerns and deny the request to include properties north of Southern Avenue, which lead to Downtown District, that currently and have previously operated as historical businesses within our community.
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Printed Name	Signature	Address	Comment	Date
Mike Davis	Mike Davis	104 Astor st		6
Michael McLaw	Michael McLaw	352 North St		
Jared Sims	Jared Sims	809 Dabb st.		
Rosevelt	Rosevelt	99		
Trevi Walker	Trevi Walker	McCurie St		
Rad Primos	Rad Primos	211 Oak St.		
Charles Smith	Charles Smith	505 Melrose Ave		
Trechie Foster	Trechie Foster	1490 Hwy 49		
Michael Allen	Michael Allen	205 N. Ocean		
Abney Ray	Abney Ray	89 Hill Court - Vol		

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Davidson	R. P. H.	1046 May Ave		
Valencia Henderson	Valencia H.	1046 May Ave		
Sungu Gipson	S. H. P.	89 Pacer Circle		
Destin Hunter		113 May Ave		
Taron T. Cooper	Taron T. Cooper	4324 Garsanway		
William Smith	William Smith	Bay Street		
Melisa Sims	Melisa Sims	509 Ronie St.		
Sarah Smith	Sarah Smith	509 Ronie St.		
William Coleman	William Coleman			
Imelda Coleman	Imelda Coleman			
Edith Coleman	Edith Coleman			

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Petition to modify boundaries of Future Land Use Change

[illegible]

[illegible]

[illegible]

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JUN 08 2017
BY



City of Hattiesburg, MS

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

FILE NUMBER: 2017-509

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Acknowledge receipt of request filed by Corey Arri

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, Applicant, 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 June 7, 2017); Set a public hearing before City Council at 4:00 p.m. on July 17, 2017, and authorize publication of Public Notice setting an Appeal Public Hearing.

Type: Action Item

Drafter: Ginger Maddox

In Control: City Council

Reference:

Attachments: Comp
Plan Appeal - Arrington -
Filed

File Created: 06/16/2017

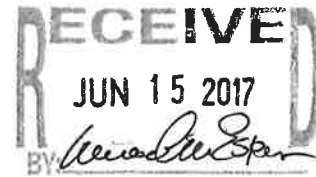
Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information: Public Notice to set hearing to publish in Hattiesburg American on June 30, 2017 (17 days prior to July 17, 2017 hearing).

History of Legislative File



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:	6/15/17
Planning Commission Meeting Date:	6/7/17 (Appeals must be made within ten consecutive days of the recommendation)
Name of Property Owner/Petitioner:	HHNA Tara Poole
Name of Person Requesting Appeal Hearing:	Corey Arrington
Mailing Address of Person Requesting Appeal Hearing:	814 Southern Ave Hattiesburg MS 39401
Address of Petitioned Property:	N/A
Petitioner's Request of the Planning Commission:	Item A Text Amendment For Comprehensive Plan
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.

Corey Arrington
Appellant (signature)

Appellant (signature)

FILED

JUN 15 2017
CITY CLERK
BY [signature]
DEPUTY CLERK



City of Hattiesburg, MS

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

FILE NUMBER: 2017-510

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Adopt a Resolution authorizing the President of th

Title: Adopt a Resolution authorizing the President of the City Council to sign court papers on behalf of the City, when necessary, in connection with pending litigation in federal court regarding October 1, 2014, Amended Consent Judgment.

Type: Resolution

Drafter: Lisa Luu

In Control: City Council

Reference:

Attachments: RES- Council President and Mayor, Sign Consent Judgment, 2017

File Created: 06/19/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File

RESOLUTION

RESOLUTION OF THE CITY OF HATTIESBURG, MISSISSIPPI (THE “CITY”), AUTHORIZING THE PRESIDENT OF THE CITY COUNCIL, IN ADDITION TO THE MAYOR, TO SIGN PLEADINGS, RESPONSES AND OTHER COURT PAPERS ON BEHALF OF THE CITY IN CONNECTION WITH PENDING LITIGATION REGARDING CONSENT JUDGMENT.

WHEREAS, the City is presently involved in litigation in federal court (Cause No. 2:12CV00036-KS-JCG) with respect to the October 1, 2014, Amended Consent Judgment; and,

WHEREAS, it is necessary and appropriate for the President of the City Council, on behalf of the City, to sign pleadings, discovery responses and other court papers relating to the consent judgment matter; and,

NOW, THEREFORE, BE IT RESOLVED THAT THE CITY COUNCIL OF THE CITY OF HATTIESBURG, MISSISSIPPI, HEREBY:

Authorizes either the Mayor or President of the City Council to sign pleadings, discovery responses and other court papers relating to the subject consent judgment.

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

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of the City Council, the President of the City Council declared the motion carried and the Resolution adopted, this the 20th day of June, A.D. , A.D., 2017.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 20th day of June, A.D., 2017.

ATTEST:

APPROVED:

CITY CLERK

MAYOR



City of Hattiesburg, MS

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

FILE NUMBER: 2017-511

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Acknowledge receipt of notice terminating the City

Title: Acknowledge receipt of notice terminating the City's contract with BIS Digital for BoardSync software.

Type: Action Item

Drafter: Lisa Luu

In Control: City Council

Reference:

Attachments: Email - Notice of Termination, 6-9-17

File Created: 06/19/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File

Bernardo, Debbie

From: Bernardo, Debbie
Sent: Friday, June 09, 2017 5:35 PM
To: steve.coldren@bisdigital.com
Cc: 'Carter Carroll (E-mail) (carter205@aol.com)'; Sanford, Angie; Eaton, Kermas
Subject: Notice of termination

Tracking:

Recipient

Read

steve.coldren@bisdigital.com

'Carter Carroll (E-mail)

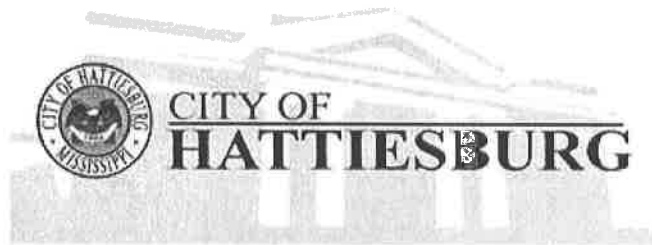
Sanford, Angie

Eaton, Kermas

Read: 6/9/2017 9:37 PM

Hi Mr. Coldren,

Please consider this the City of Hattiesburg's 60-day notice to terminate the contract with BIS Digital for the BoardSync software. Thank you.



Debbie Bernardo | *Clerk of Council*

Office : (601) 545-4551 | Fax: (601) 545-4957

Email: dbernardo@hattiesburgms.com



Date Tuesday, July 12, 2016

Quote Number Q-8008853-7.12.2016
DCR

Sales Consultant Dan Meyer
(800) 834-7674 Ext 4518 / dan.meyer@bisdigital.com

Primary Contact Debra Bernardo, Clerk of Council
200 Forrest St
P.O. Box 1898
Hattiesburg, MS 39403-1898
(601) 545-4551 / _____ (Fax)
dbernardo@hattiesburgms.com (Email)

Billing Address City of Hattiesburg (MS) / A-1010588
200 Forrest St
P.O. Box 1898
Hattiesburg, MS 39403-1898

Shipping Address _____

Users To Train 30

Installation Notes _____

Item	Code	Qty	Unit Price	Total Price
Hosted Agenda Management Annual Subscription Enterprise (Unlimited Agenda Types)	AH-UA	1	\$7,200.00	\$7,200.00
Agenda Hosting - Custom Design & Implementation	AH-CPD	1	\$3,000.00	\$3,000.00
Conversion Fee Document Indexing	WH-DI-Conv150	1	\$1,500.00	\$1,500.00
DCR2 (2 Channel) Digital Audio/Video Recording Software with Word Integration	DCR2-2ch	1	\$1,995.00	\$1,995.00
MX248 USB Audio Mixer (2 Channel)	BIS-MX2-USB-2	1	\$1,100.00	\$1,100.00
Microphone Wire 22AWG (Plenum) - 1,000ft Roll	BIS-W-MP-22AWG	0.5	\$169.99	\$85.00
On-site Setup, Installation and Training	SIT	1	\$1,350.00	\$1,350.00
Annual DCR Software Assurance	DCR SAS	1	\$350.00	\$350.00
Annual DCR REMOTE SUPPORT on above purchased system	NMNT-DCR-R	1	\$500.00	\$500.00
			Sales Tax Rate	%
			Total (Excluding Sales Tax)	\$17,079.99



Optimal Specifications for BIS Digital Recording PC Systems

DCR 2 Specifications

2/4 Channel Audio Only

- 4GB RAM (*For Windows 7 or 8.1 32-bit*) / 8GB RAM (*For Windows 7 or 8.1 64-bit*)
- 500 GB Hard Drive / 8 MB Cache / 7200 RPM
- Intel Core i3 Processor
- Ethernet RJ-45 Network Interface 100/1000
- USB 3.0 Ports
- Microsoft Windows 7 or 8.1 Professional

All specifications are subject to change without notice. All computers sourced from third parties must first be approved by BIS Digital prior to purchase

Equipment Supply

BIS Digital will furnish the equipment as specified herein. Revisions to this contract are made by approved written "Change Order". BIS reserves the right to bill for equipment as stored materials when delivery or installation is not possible. There are no additional implied or expressed operations of the system other than stated within.

Electrical Installation

The customer provided electrical contractor will install all AC power, relay switches & conduit as required for the proposed systems. If required, the customer provided electrician will be responsible for providing and hanging all rigid electrical junction boxes, conduit and installing same. BIS Digital has recommended and asked for Dedicated Electrical Power to be installed at the head-end, controlled end-user equipment or at the same location of final control(s).

Dedicated Power shall be the responsibility of the end-user and any external noise or factors creating noise within the systems not exposed by installed electronic equipment shall not be BIS Digital, Inc. responsibility and shall not be reason for any hold-backs whatsoever by any party.

Equipment Installation and Head End Connections

BIS Technicians will install all specified equipment and make all final circuit terminations in the head-end equipment racks. The customer will provide all custom carpentry or custom room preparations as required prior to the installation. The customer will provide scaffold or high reach for all installation work in ceilings over fourteen feet. All network connection(s) are to be provided by the customer. Any changes, alterations or deviations from the Equipment and installation obligations specified herein involving extra cost for labor or material will be executed only on written orders for the same. The cost of any added labor or material will become an extra charge over and above the total specified on the Agreement.



Order Summary

Date	Tuesday, July 12, 2016
Quote Number	Q-8008853-7.12.2016
Account Name	City of Hattiesburg (MS)
Total (Excluding Sales Tax)	\$17,079.99

Terms and Conditions

Effective Period	This proposal is a firm offer for 30 days from quote date Tuesday, July 12, 2016.
Tax Status	Sales tax will be added to invoice unless Tax Exempt Form is on file with BIS Digital.
Payment Terms	Deposit: All orders above \$5,000 require a 50% deposit. Once the order and deposit is confirmed {received} by BIS Digital, scheduling of the installation / and shipment of goods will occur. Balance: The remaining balance is to be paid on the completion of the installation. {delivery of goods at customer site}
Restocking Fee	20% restocking fee will be charged for all cancelled orders
Site Preparation	Customer is required to supply all conduit and cable pulls not listed on this quote. Customer will be responsible for any additional wiring or installation supplies needed during installation.
Training	BIS Digital will provide full training of all system users per agreed training schedule.
Limited Warranty	All BIS supplied new systems (Hardware & Software) are covered for 90 days following date of installation/delivery. Warranty does not cover On-Site Technical Support, Shipping costs, or Software upgrades (See Software Assurance below).
Software Assurance	Annual Software Assurance entitles user to software upgrades throughout the one year term, at the cost of \$350 per license/year.

This signature and Purchase Order number states acceptance to the above price, terms and conditions, authorizing BIS Digital, Inc. to order, install and bill for the above equipment:

* Accepted by: Johnny L. DuPree Mayor
Name Title
 Signature
8-2-16 Date

* Accounts Payable Information * Required for order to be processed*

A/P Contact: Lisa Hanson 601-554-1034
Name Phone Number
lhanson@hattiesburgms.com 601-584-4895
Email Address Fax #

Is a Purchase Order required for processing? Yes P.O # 163446

BoardSync SUPPLEMENTAL SERVICES AGREEMENT

THIS SUPPLEMENTAL SERVICES AGREEMENT (the "Agreement") between BoardSync, Inc. ("BoardSync") with its principal place of business at 4470 Chamblee Dunwoody Road, Suite 220, Dunwoody, GA 30338, Business Information Systems, Inc., ("BIS") with its principal place of business at 1350 Northeast 56th Street, Suite 300, Fort Lauderdale, FL 33334, and City of Hattiesburg with its principal place of business at 200 Forrest Street ("Customer") is made effective as of 8-2-16 ("Effective Date"). This Agreement is a supplement to the "BIS Agreement" as described in the next paragraph.

BIS CONTROLLING AGREEMENT. The parties acknowledge and agree that this Agreement is supplemental to, made a part of, and incorporated into, that certain "BIS Quote Number _____, dated _____, between BIS and Customer (the "BIS Agreement"). In the case of any inconsistency between the provisions of this Agreement and the BIS Agreement, the provisions of the BIS Agreement shall govern and control (this Agreement and the BIS Agreement may be collectively referred to herein as the "Agreements").

In connection with the delivery of transcription services under the terms of the BIS Agreement, Customer desires to supplement such transcription services and, subject to the terms and conditions of the BIS Agreement, (a) contract with BoardSync to administer streaming media and media content management services through a Managed Services solution, (b) engage BoardSync to integrate its software with Client's existing website and (c) utilize the Liberty Meeting Record integration module from BoardSync.

1. OVERVIEW AND DEFINITIONS

General. This Agreement states the terms and conditions by which BoardSync will deliver to Customer various services, supplemental and in conjunction with the services provided by BIS under the terms of the BIS Agreement, as described below.

1.1 "Authorized User" means a designated employee or agent of Customer.

1.2 "Authorized Website" means a website owned or operated by or on behalf of Customer, for which BoardSync has agreed to provide the Technology and various Services.

1.4 "Service(s)" means the specific service(s) provided by BoardSync, including access to the Technology.

1.5 "Technology" means the BoardSync Internet based system for streaming media and managing media content, and may include software, and software tools, user interface designs, and documentation, and any derivatives, improvements, enhancements or extensions thereof.

1.5 "Content" means any or all, documents, graphics, video, graphics, audio and other content that is streamed or otherwise transmitted or provided by, or on behalf of customer to BoardSync.

2. DELIVERY OF SERVICES; TERM; FEES, PAYMENTS

2.1 *Grant of License.* Subject to the terms and conditions of the Agreements, BoardSync grants to Customer a non-exclusive, non-transferable, limited license to permit Authorized Users of Customer to access and use the Service on the Authorized Website(s) identified in Schedule 1.

2.2 *Responsibilities.* Customer agrees to (a) maintain the Authorized Website(s) identified in Schedule 1; (b) procure and maintain all hardware, software and telecommunications equipment necessary to access the Service and transmit media content via the Internet; (c) agrees to provide BoardSync with all information reasonably necessary to setup or establish Service on Customer's behalf; and (d) shall provide and maintain any and all materials necessary to reasonably inform all customers patrons where and when live audio and video streaming will take place at the customer locations.

2.3 *Payment Terms.* Customer shall pay all applicable fees for the Services in accordance with the terms and conditions set forth in the BIS Agreement.

2.4 *Term.* The term of this Agreement shall be coterminous with the term of the BIS Agreement.

3. INTELLECTUAL PROPERTY OWNERSHIP

3.1 *Technology Ownership and Rights.* This Agreement does not transfer to Customer any ownership or proprietary rights in the Technology, and all right, title and interest in and to the Technology will remain solely with BoardSync.

3.2 Responsibility for Content. The Customer shall have sole control and responsibility over the determination which data and information shall be included in the Content that is to be transmitted to BoardSync. The Customer shall not provide to BoardSync or allow to be provided to BoardSync any Content that (a) infringes or violates 3rd parties' Intellectual Property rights, rights of publicity or rights of privacy, (b) contains any defamatory material, or (c) violates any federal, state, local, or foreign laws, regulations, or statutes.

3.3 Content Ownership. The Customer shall own all right, title, and interest in and to all Content on a worldwide basis, including, without limitation, all Intellectual Property rights relating thereto, all and any content that is transmitted or made available to BoardSync pursuant to this Agreement. To the extent that any such Content is protected by copyright, such content shall be deemed to be "works for hire" under the copyright laws of the United States.

4. LIMITED WARRANTY

4.1 Service Level. BoardSync will use commercially reasonable efforts to perform the Services in a manner consistent with applicable industry standards including, but not limited to:

- 1) Maintain Service availability 24 hours a day, 7 days a week,
- 2) Respond to Customer's requests for support during the hours of 7:00 AM to 7:00PM CT, Monday through Friday and critical support requests 24 hours per day.

4.2 No Other Warranty. THE SERVICES ARE PROVIDED ON AN "AS IS" BASIS, AND CUSTOMER'S USE OF THE SERVICES IS AT ITS OWN RISK. BIS AND BOARDSYNC DO NOT MAKE, AND HEREBY DISCLAIM, ANY AND ALL OTHER EXPRESS AND/OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, WARRANTIES AND MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM A COURSE OF DEALING, USAGE OR TRADE PRACTICE. BIS AND BOARDSYNC DO NOT WARRANT THAT THE SERVICES WILL BE UNINTERRUPTED OR ERROR-FREE.

5. LIMITATION OF LIABILITY

5.1 Damage to Customer. BIS AND BOARDSYNC ASSUME NO LIABILITY FOR ANY DAMAGE TO, OR LOSS TO, CUSTOMER RESULTING FROM ANY CAUSE OTHER THAN THE WILLFUL OR RECKLESS MISCONDUCT OF BIS AND OR BOARDSYNC.

5.2 Consequential Damages Waiver. IN NO EVENT SHALL BIS OR BOARDSYNC BE LIABLE TO CUSTOMER FOR ANY TYPE OF INCIDENTAL, PUNITIVE, INDIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO, LOST REVENUE, LOST PROFITS, REPLACEMENT GOODS, LOSS OF TECHNOLOGY, RIGHTS OR SERVICES, LOSS OF DATA, OR INTERRUPTION OR LOSS OF SERVICE OR EQUIPMENT, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, WHETHER ARISING UNDER THEORY OF CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE.

6. INDEMNIFICATION

6.1 Indemnification. Each Party agrees to fully indemnify and hold harmless the others for any and all costs, liabilities, losses, and expenses (including attorney's fees) resulting from any claim, suit, action, or proceeding brought by any third party arising from a party's (a) breach of any of its obligations or warranties; or (b) negligence or willful misconduct. The liability of BIS and BoardSync hereunder is collectively expressly limited to the amount received under this Agreement.

7. TERMINATION OR CHANGE ORDER

7.1 Termination for Cause. Any party may terminate this Agreement if the other party(ies) breaches any material term or condition of this Agreement and fails to cure such breach within sixty (60) days after receipt of written notice of the same. If BIS or BoardSync terminates for cause, all payments due and owing for the remainder of the Term will immediately be due. If Customer terminates for cause, it shall be entitled to a refund of any prepaid service fees, or fees paid for service not received on a pro-rata basis.

7.2 Termination Without Cause. Any party may terminate this Agreement without cause providing that the terminating party gives the other party(ies) sixty (60) day's written notice prior to termination. Should Customer terminate without cause after the first date of the term as defined in Schedule 1, Customer must pay the balance of the current contracted term. Should BIS or BoardSync terminate without cause, Customer has no obligation for payment.

7.3 Termination for Bankruptcy. Any party may terminate this Agreement immediately if (a) the other party(ies) becomes the subject of a voluntary petition in bankruptcy or any voluntary proceeding relating to insolvency, receivership, liquidation, or composition for the benefit of creditors; or (b) the other party(ies) becomes the subject of an involuntary petition in bankruptcy or any involuntary proceeding relating to insolvency, receivership, liquidation, or composition for the benefit of creditors, if such petition or proceeding is not dismissed within thirty (30) days of filing.

7.4 Effect of Termination. Upon the effective date of expiration, cancellation or termination of this Agreement (a) BoardSync will immediately cease providing the Service(s); and (b) any and all payment obligations of the Customer through the termination, depending upon cause or without cause, as defined above, will immediately become due; and (c) return or make available all customer content within forty-five (45) days.

7.5 Survival. The following provisions will survive any expiration or termination of the Agreement: Sections 3 (Intellectual Property Ownership), 5 (Limitation of Liability), 6 (Indemnification), 9 (Confidentiality) and 10 (Miscellaneous).

8. USE

8.1 Acceptable Use. Customer represents and warrants that the Technology and Services will only be used for lawful purposes, and in accordance with reasonable operating rules policies, terms and conditions and procedures.

8.2 Restrictions on Use. Customer represents and warrants that Customer and its Authorized Users will not (a) sell, lease, distribute, license or sublicense the Technology or Services; (b) modify, change, alter, translate, create derivative works from, reverse engineer, disassemble or decompile the Technology or Services in any way for any reason; (c) provide, disclose, divulge or make available to, or permit use of the Technology or Services by, any third party; (d) copy or reproduce all or any part of the Technology or Services (except as expressly provided for herein); (e) interfere, or attempt to interfere, with the Technology or Services in any way; (f) introduce into or transmit through the Technology or Services any virus, worm, trap door, back door, timer, clock, counter or other limiting routine, instruction or design; (g) remove, obscure or alter any copyright notice, trademarks, logos or other proprietary rights notices affixed to or contained within the Technology or Services; or (h) engage in or allow any action involving the Technology or Services that is inconsistent with the terms and conditions of this Agreement.

8.3 Withdrawal of Access. BIS and/or BoardSync may, upon misuse of the program, misconduct, security breaches or grossly improper use of the Customer data, instruct Customer to terminate access to any Authorized User or individual and Customer agrees to promptly comply with such instruction.

9. CONFIDENTIALITY

9.1 BoardSync Information. Customer acknowledges that the Technology and Services contain valuable trade secrets, which are the sole property of BoardSync, and Customer agrees to use reasonable care to prevent other parties from learning of these trade secrets. Customer will take all reasonable steps to prevent the unauthorized access to the Technology and Services.

9.2 Customer Information. BIS and BoardSync acknowledge that Customer's database may contain valuable trade secrets, which are the sole property of Customer. To the extent that BIS and/or BoardSync becomes aware of the content of a Customer database, BIS and BoardSync agree to use reasonable care to prevent other parties from learning of these trade secrets; provided BIS and BoardSync may disclose such trade secrets to affiliates, agents and other third parties, including counsel and regulators, on a need-to-know basis, so long as such parties agree to maintain the confidentiality of such information.

9.3 Exceptions. The obligations of this Section 9 shall not apply to any information that (a) is now, or hereafter becomes, through no act or failure to act on the part of receiving party (the "Receiver"), generally known or available; (b) is known by the Receiver at the time of receiving such information, as evidenced by the Receiver's records; (c) is hereafter furnished to the Receiver by a third party, as a matter of right and without restriction on disclosure; (d) is independently developed by the Receiver without reference to or use of the disclosing party's information; or (e) is required to be disclosed by law, provided that the party to whom the information belongs is given prior written notice of any such proposed disclosure.

10. MISCELLANEOUS PROVISIONS

10.1 Force Majeure. None of BIS, BoardSync, their suppliers nor Customer will be liable for any failure or delay in its performance under this Agreement due to any cause beyond its reasonable control, including acts of war, acts of God, earthquake, flood, embargo, riot, sabotage, labor shortage or dispute, governmental act or failure of the Internet (not resulting from the negligence or willful misconduct of BIS or BoardSync), provided that the delayed party: (a) gives the other party(ies) prompt notice of such cause, and (b) uses its reasonable commercial efforts to promptly correct such failure or delay in performance. If BoardSync is unable to provide Service(s) for a period of thirty (30) consecutive days as a result of a continuing force majeure event, Customer may cancel the Service(s) without penalty.

10.2 Governing Law. This Agreement is made under and will be governed by and construed in accordance with the laws of the State of Florida.

10.3 Severability. In the event any provision of this Agreement is held to be contrary to the law, the remaining provisions of this Agreement will remain in full force and effect.

10.4 Assignment. BIS and/or BoardSync may assign their rights and obligations under this Agreement, in whole or in part, to any entity, including their supplier(s). Customer may not assign this Agreement, in whole or in part, without the prior written consent of BIS and of BoardSync, which consents will not be unreasonably withheld.

10.5 Notice. Any notice or communication required or permitted to be given hereunder shall be made in writing and may be delivered by hand, deposited with an overnight courier, sent by email, conformed facsimile, or mailed by registered or certified mail, receipt requested, postage prepaid. Such notices shall be deemed made when delivered to the applicable party's representative as provided in this Agreement.

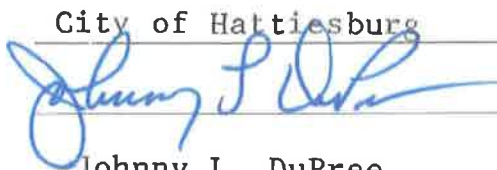
10.6 Relationship of Parties. BIS, BoardSync and Customer are independent contractors and this Agreement will not establish any relationship of partnership, joint venture, employment, franchise or agency between BIS and BoardSync and Customer. None of BIS, BoardSync nor Customer will have the power to bind the others or incur obligations on the others' behalf without the other party(ies) prior written consent(s), except as otherwise expressly provided within.

10.7 Waiver. The waiver or failure of any party to exercise in any respect any right provided for in this Agreement shall not be deemed a waiver of any further right under this Agreement.

10.8 Entire Agreement; Counterparts; Originals. This Agreement including all documents incorporated herein by reference constitutes the complete and exclusive agreement between the parties with respect to the subject matter hereof.

11. ACCEPTANCE

Authorized representatives of Customer, BIS and BoardSync have read the foregoing and all documents incorporated therein and agree and accept such terms effective as of the date first written above.

Customer: City of Hattiesburg
Signature: 
Print Name: Johnny L. DuPre
Title: Mayor
Date: 8-2-16

 BoardSync, Inc.

Signature: _____
Print Name: Doug Shumway
Title: Chief Operating Officer
Date: _____



Business Information Systems, Inc.

Signature: _____
Print Name: Steve Coldren
Title: President
Date: _____



September 2, 2015

BIS Digital (Business Information Systems Inc) in partnership with HCI is the sole developer, designer and manufacturer of the DCR, DCR2, & DCR IR software. DCR, DCR2, DCR IR software has been designed for the sole purpose of capturing mission critical audio/video. BIS Digital, Inc. therefore is the only distributor for the product nationwide.

For more information about the DCR systems and their functionality contact our sales department:

BIS Digital, Inc.
Jade Coldren
National Sales Manager
1350 N.E. 56th Street
Ft. Lauderdale, FL 33334

954-681-4516
800-834-7674 x4516
954-493-6541 – fax

Thank you for your continued interest in the DCR digital conference recording systems.

Sincerely,

Steve Coldren

President
800-834-7674 x4504
Steve.coldren@bisdigital.com



Mayor

Johnny L. DuPree, Ph.D.

Council - Ward 1
Kim Bradley

Council - Ward 2
Deborah Denard Delgado

Council - Ward 3
Carter Carroll

Council - Ward 4
Mary Dryden

Council - Ward 5
Henry Naylor

July 28, 2016

Mayor DuPree and Members of the Council,

The Clerk of Council and I have both studied the features of BoardSync software program for agendas and minutes and have determined that a switch from Legistar to this program will offer important additional options to the Council and to other users of the software at a much lower cost.

For example, Council members will vote from their keyboards and votes will be displayed instantly to the public; this represents a huge improvement over the current voice vote that the Council Clerk records by hand. Also, BoardSync tracks specific changes made by users; Legistar tracks changes, but does not provide details.

This purchase qualifies as a sole source purchase because the Council is purchasing, as part of the agreement, the DCR2 digital conference recording system, a software product that will capture audio/video from Council meeting and allow viewers to listen or view segments as they wish. BIS Digital, with HCI, is the sole developer, designer and manufacturer of this software. (Legistar software allowed for a similar feature, but it was not built-in; rather, it was connected by cable and could not be used readily because the city had not purchased the Legistar voting module.)

Thank you.

Angie Sanford
Manager, IT Division
City of Hattiesburg



City of Hattiesburg, MS

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

FILE NUMBER: 2017-512

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Authorize Mayor to enter into an agreement with MC

Title: Authorize Mayor to enter into an agreement with MCCi for Legistar agenda management software per information in attached memo and quote.

Type: Action Item

Drafter: Michael Pope

In Control: City Council

Reference:

Attachments: 06-20-Legistar Reinstatement

File Created: 06/19/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File

CORPORATE OFFICE

Sales Department
PO Box 2235 • Tallahassee, Florida 32316
(800) 342-2633 • FAX (850) 564-7496

MICHAEL BEAUDREAU

Account Executive
3420 Callie Still Road Lawrenceville, GA 30045
(770) 855-9159 • mbeaudreau@mccinnovations.com

June 16, 2017

Debbie Bernardo
P.O. Box 1898
Hattiesburg, MS 39401

Dear Ms. Bernardo:

I enjoyed speaking with you recently regarding the Granicus Legislative Management product suite. While reviewing the enclosed proposal, please keep in mind the following advantages of being a MCCI customer:

- ✔ *Stability* – Municipal Code Corporation has been in business for over 60 years and works with over 3,000 government agencies across the United States. MCCI (a subsidiary of Municipal Code) has been in business for over 14 years and provides software and services to more than 900 cities and counties.
- ✔ *Focus* – MCCI specializes in working with government entities and focuses our products on solutions specifically for governments. In working with governments over the past 14 years, MCCI has had the opportunity to gain an in depth look into their business processes on a day-to-day basis. This thorough understanding gives MCCI the edge needed to provide our clients with a tailored solution that will meet each individual organization's needs.
- ✔ *Support and Services* – MCCI utilizes a multi-layered support team geared towards offering each client multiple contacts to enhance the usage of every product implemented. Our Project Managers are specialized in Granicus Legislative Management implementations and have advanced professional certifications to assist in providing you with a great experience. On-going technical support is easily obtained from our support technicians by contacting us through our help desk, email, and toll-free number or online support center.

If you have any questions concerning our proposal or desire additional information, please do not hesitate to contact me.

Sincerely,

Michael Beaudreau
Account Executive

Executive Summary

MCCi has extensive experience in the implementation, training, and support of Legislative Management and Automated Agenda solutions. Offering the most robust and configurable Legislative Management solution on the market, MCCi is proud to be partnered with Granicus. Together we are the market leaders providing solutions that offer the following:

Customer Service

- ✔ **A Great Vendor Experience** – Municipal Code has been in business for over 50 years, and the Granicus Legislative Management solution has been in use for over 25 years. Together, we have more than 3,000 existing government relationships, and the government focus and experience required to ensure a successful implementation.
- ✔ **Satisfied Customers** – 97%+ client retention rating

Cloud Infrastructure

- ✔ **Unlimited Storage** – Truly unlimited storage and distribution for all meeting and non-meeting content.
- ✔ **Granicus Data Center Requirements** – Secure SSAE-156 Accreditation, Reliable Network, Data Availability – 99.98% Uptime, Redundant Backups, and Detailed Disaster Recovery Plans. Hosting facilities also meet or exceed Tier III standards that are engineered to ensure application and data availability and security.
- ✔ **Diversified Server Locations** – Granicus manages multiple infrastructure centers throughout the United States and Canada to ensure no single point of geography failure.

Solution Features

- ✔ **All-in-One Solution** – To further enhance the functionality of your Granicus Legislative Management solution, there are options available for Video Hosting, Video Indexing, Live Meeting Management, Voting Systems, and Citizen Collaboration Portals. Granicus is the leading provider of Cloud-based Civic Technology solutions.
- ✔ **iPad Application** – Native iPad application allows users to review agendas and supporting materials, bookmark and take notes on items, as well as stream archived videos.
- ✔ **Enterprise Solution** – Generate, maintain, and distribute agenda documentation for use by all boards, commissions, and committees, and allow for workflow and legislative item tracking between meeting types.
- ✔ **Agenda / Legislative Item Drafting, Approval, and Workflow Tracking** – Users will be able to draft, route for approval, and track all agenda / legislative items electronically.
- ✔ **Agenda & Minutes Creation** – Automatically create your agendas and accurately track each minute's annotations, summaries, meeting actions, motions, votes, and attendance.

- ✔ **Legislative Tracking** – From drafting through assignment to various committees, offices and meeting bodies, to final disposition, Granicus Legislative Management tracks every action, along with dates, free-form notation, and individual votes.
- ✔ **Search & Retrieval** – Allow internal departments and the public to search via specific index data and full-text, while allowing them to narrow down search parameters to specific items, meeting bodies, date ranges, etc.
- ✔ **Report Generation** – Automatically produce agendas, minutes, cover memos, public hearing notices, certified copies, signature copies, and other legislative reports while eliminating all data entry redundancy or the need to copy and paste file information.

Commitment to Innovation in Government

- ✔ **We Listen** – Granicus and MCCi listen to customers and continue to innovate based on the needs of our customers. This is evident with the new modules being offered, such as a Citizen Participation module, an automated Voting solution, iPad integration, etc. All of these developments have been the result of listening to customers and helping them create/provide innovative solutions.
- ✔ **Out of the Box Configuration** – Most systems on the market have to be “customized” to meet customer needs. Granicus Legislative Management is different in that it offers over 300 system settings that allow even the largest of government agencies to “configure” rather than customize the system to meet their needs. For the past 25 years and longer than any competitor, Granicus Legislative Management has added to the system’s configurability based on customer feedback and has been focused on prohibiting the need for software customizations that are typically costly and difficult to maintain.



Legistar Order

PRICING PROPOSAL

PO Box 2235
Tallahassee, FL 32316
850.701.0725
850.564.7496 fax

Complete and return to:
finance@mccinnovations.com

Client Name: Hattiesburg, MS

Order Date: June 16, 2017

<i>Product Description:</i>	<i>Qty.</i>	<i>Cost</i>	<i>Total</i>
<u>ANNUAL SOFTWARE SUPPORT/SUBSCRIPTION</u>			
☒ Legistar Agenda Management System	1	\$10,296.00	\$10,296.00
☒ iLegislate Application (iOS/Android/Windows)	1	Included	Included
☒ Managed Services for Legistar <i>Laserfiche Managed Services needs are estimated based on the current software components provided herein: up to 15 hours.</i>	1	\$1,890.00	\$1,890.00
<i>Annual Support Total</i>			<i>\$12,186.00</i>
<i>For budgetary purposes, the Client should include \$12,186.00 in annual budget for renewal of the items quoted above.</i>			
 <u>MCCi PROFESSIONAL SERVICES</u>			
☒ Data Migration/Reinstatement Fee for Legistar	1	\$1,000.00	\$1,000.00
<i>Professional Services Total</i>			<i>\$1,000.00</i>
<i>Total Project Cost</i>			<i>\$13,186.00</i>

All Quotes Expire in 30 Days

PAYMENT & BILLING TERMS

MCCi will invoice fifty percent (50%) of the total contract amount upon receipt of signed contract, 30% upon completion of initial configuration, and the remaining balance will be invoiced upon completion of installation and training. Please note that Post Implementation Advanced level training (if part of the statement of work) is invoiced separately, upon completion. Sales Tax will be included where applicable. Payment will be due upon receipt of an invoice.



Optional: Legistar Order

PRICING PROPOSAL

PO Box 2235
Tallahassee, FL 32316
850.701.0725
850.564.7496 fax

Complete and return to:
finance@mccinnovations.com

Client Name: Hattiesburg, MS

Order Date: June 16, 2017

<i>Product Description:</i>	<i>Qty.</i>	<i>Cost</i>	<i>Total</i>
<u>MCCi PROFESSIONAL SERVICES</u>			
☒ Granicus Legislative Management Suite Advanced Training	1	\$7,500.00	\$7,500.00
<i>Professional Services Total</i>			<i>\$7,500.00</i>
<i>Total Project Cost</i>			<i>\$7,500.00</i>

All Quotes Expire in 30 Days

PAYMENT & BILLING TERMS

MCCi will invoice fifty percent (50%) of the total contract amount upon receipt of signed contract, 30% upon completion of initial configuration, and the remaining balance will be invoiced upon completion of installation and training. Please note that Post Implementation Advanced level training (if part of the statement of work) is invoiced separately, upon completion. Sales Tax will be included where applicable. Payment will be due upon receipt of an invoice.

MCCi BASE SERVICE OFFERINGS

MCCi TRAINING SERVICES – GRANICUS LEGISLATIVE MANAGEMENT SUITE

Granicus Legislative Management Training is delivered in a combination of formal training classes and free-form assistance or ‘help-desk’ sessions. The exact combination and schedule is based on the number of users, their skill and task level, determined during the Project Planning Phase. Typically, a general user course will include three to four morning hours of classroom training followed by several afternoon hours of general technical assistance as the students apply what they learned.

Typically training groups consist of 6 to 8 individuals with similar responsibilities and training requirements. In addition, MCCi provides system administration training to 2 to 4 staff members who are assigned the overall administrative tasks of the system.

Below is an example of the modular training sessions:

Group Type	Participants	Type of Training - Course Description
View Only	All Departments	The View Only training shows the user how to search in Legislative Files, Agendas and Minutes and how to access and produce reports.
Legislative File Entry	Selected Department Users	Gives the user all the detailed information to create a Legislative File, including drafting the text, adding sponsors, attachments, etc.
Agenda Creation	Individuals who maintain the Calendar	Training on how to create and maintain an Agenda, by generation or by moving adding or deleting items. Also, how to produce an Agenda report and post to Internet.
Minutes Processing	Individuals who process the Minutes or Journal	Minutes Module training on how to process minutes, taking action on files, voting, vote types, consent and reporting and post to Internet.
Administration	Primary user and/or System Administrators	Training on maintaining system administration tables, data, security, will review all tables with the System Administrator. This training is completed before any user training.

MCCi OPTIONAL PROFESSIONAL SERVICE OFFERINGS

Please review the Statement of Work to determine if any of the following services are included.

GRANICUS LEGISLATIVE MANAGEMENT SUITE POST-IMPLEMENTATION ADVANCED TRAINING \$7,500

Many of MCCi's customers who have the internal resources available desire to attain the knowledge and experience necessary to configure Granicus Legislative Management for other Meeting Bodies, as well as be able to adjust current configurations to meet their ever changing environments.

The Advanced Level Training offered is a post-implementation service offering and includes up to 3 days of onsite training. The training uses a hands-on method, which includes best practice advice, practicing the configuration of a meeting body together, and the student configuring a meeting body from start to finish on their own based on a set of criteria/scope provided by MCCi's trainer.

Client Deliverables

- ✓ Appointment of up to 3 Granicus Legislative Management Administrators
- ✓ Meeting Body documentation required for configuration practice sessions
 - Sample Agendas
 - Sample Minutes
 - Documented Approval Workflows
- ✓ IT resources necessary to facilitate training

MCCi Deliverables

- ✓ MCCi project manager to facilitate the training
- ✓ Review of reports generated from configuration training sessions
- ✓ Final day re-cap of training and configuration settings

**Please check the Statement of Work to see if this service is included.*

**Billing for this item will occur once the service is delivered.*

GRANICUS SOLUTIONS

Granicus Legislative Management is a comprehensive, agenda workflow management and information retrieval system designed specifically to support the Legislative process. Granicus Open Platform is a pre-requisite for utilizing the Granicus Legislative Management Suite.

GRANICUS® OPEN PLATFORM

The Granicus® Open Platform is the cloud-based foundation for all Granicus applications. It allows government organizations to manage and store an unlimited amount government public meeting data. It is the core of our content management, administration and distribution tools and includes free access to our APIs and SDKs, helping you seamlessly connect your Granicus solution to systems in place. The Granicus Platform includes the ability to upload and publish content including videos and documents.

- Unlimited content storage and distribution
- Open architecture and SDK
- Archived video editing and indexing
- Citizen web portal
- On-demand streaming to mobile devices*

* Available for on-demand playback only

GRANICUS® LEGISLATIVE MANAGEMENT SUITE

The Legislative Management Suite offers a complete and automated agenda workflow solution. Create agenda items and assign them to the appropriate agenda, making agenda creation seamless. Item approvals are done automatically – approvers are notified when it's their turn to review. Seamlessly connect agenda data to the iPad to review agendas and support documents, take notes and more through the iLegislate application. Capture all meeting actions after the meeting into the public record. Plus, you can organize and store electronic documents of any file format in one repository. All documents are automatically tagged and indexed, making search and retrieval easy. This Suite also allows you to track legislation from inception through approvals and actions taken.

- ✓ Agenda item drafting
- ✓ Electronic approval process
- ✓ Agenda packet generation and publication
- ✓ Organize, store and retrieve documents
- ✓ Continuous legislative workflow
- ✓ Track and search legislative data



OPTIONAL GRANICUS MODULES

Please reference the Statement of Work (price proposal) to determine if any of the following modules have been included.

GOVERNMENT TRANSPARENCY SUITE

The Government Transparency Suite gives your citizens greater access to public meetings and records online. Take the next step towards transparency and stream meetings and events live, link related documents to your video and provide advanced searching of archives. The Government Transparency Suite gives you unlimited cloud bandwidth and storage as well as local live and on-demand streaming for up to 50 concurrent viewers. This Suite also allows you to connect agenda data to the iPad to review agendas and supporting documents, take notes and more through the iLegislate application.

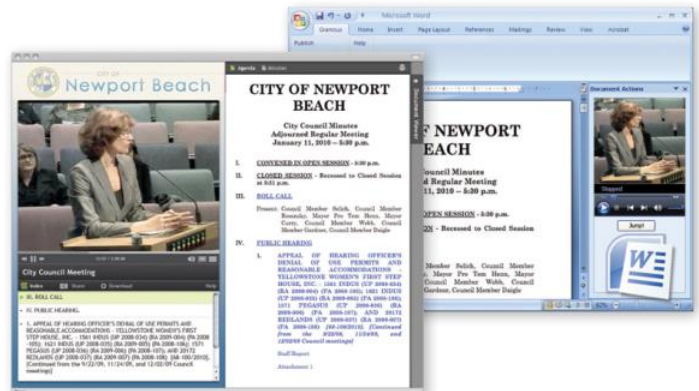
- Stream unlimited meeting bodies and events live
- Intelligent media routing
- Index video in real-time and link to relevant materials
- Build reports and analytics on visitor trends
- Paperless agenda for the iPad
- Offer downloadable media formats



MEETING EFFICIENCY SUITE

The Meeting Efficiency Suite is a live meeting workflow solution that combines minutes with a meeting's recording. Capture and publish minutes, saving staff time and cutting administrative costs. Record roll-call, agenda items, speakers, motions, votes, and notes through a simple interface. After the meeting, finalize minutes quickly and easily in Microsoft Word™. With VoteLog, allow the public to track legislation, ordinances and even voting member records through your website. This Suite also allows you to seamlessly integrate with agenda solutions already in place.

- Meeting preparation tools
- Live minutes automation
- Quick notes and text expansion
- Minutes editing and publishing
- Generate linked minutes



ELECTRONIC VOTING AND PUBLIC DISPLAYS (SUITE ADD-ONS)

This addition to the Meeting Efficiency Suite gives elected officials a new way to participate in public meetings using touch-screen displays to record motions and votes as well as request to speak. View full agendas, supporting materials, the current item, speakers and vote results all from the touch-screen display. Record actions directly from elected members and ensure greater accuracy. Help your audience follow fast-paced meetings with a public display that shows current item, vote results and more.

- Touch-screen displays
- Digital speaker queue
- Vote and roll call automation
- Review paperless agenda packets



MCCi

When you become a client of MCCi, you gain much more than just a new product. You gain a relationship between our staff and your organization to make your product implementation successful and the usage of your product an enjoyable experience. In order to make this possible, MCCi offers both Proactive and Technical Support.

PROACTIVE SUPPORT

MCCi assigns each account with a Regional Account Executive and an internal Account Manager Team. You will have already worked with your Account Executive in the pre-project phase and they will continue to support you. Your Account Executive will provide a local presence and contact information should local meetings be necessary. The Account Executive also assists in pre-implementation processes.

Your Account Manager will assist in managing ongoing support through the life of the product. MCCi believes in a proactive support methodology and it is the Account Managers' role to insure this ongoing communication with clients. Your Account Manager will be in touch throughout the year to discuss optimal system usage and ensure client satisfaction. Items discussed may include, but are not limited to:

- ✓ Identify any needs that could easily be addressed with the current system.
- ✓ Provide resource for question and answer, best practices, how other customers are using the system.
- ✓ Annual review of current system configuration
- ✓ Dedicated sales support staff for pricing inquiries and budgetary information
- ✓ Annual support renewal notification to ensure your renewal process is timely and accurate

TECHNICAL SUPPORT

The Granicus Legislative Management Suite Subscription Assurance Plan (Granicus Legislative Management Suite SAP) helps preserve your investment and extend the benefits of your original purchase by providing access to the assistance needed. You have access to a toll free line to call for technical support and/or have the option to submit tickets via email, or online through our support center. With your Granicus Legislative Management Suite subscription, you receive the following benefits:

- ✓ Access to MCCi Technical Support
- ✓ Perpetual Software Upgrades
- ✓ Technical Bulletins and Newsletters

- ✓ Unlimited Bandwidth
- ✓ Unlimited Storage
- ✓ Proactive Monitoring Service
- ✓ Managed Services (described below)

MANAGED SERVICES

MCCi Managed Services are required with your subscriptions renewal and provides the client with a discounted hourly rate by purchasing an advanced block of services per year based on the products purchased. Managed Services can be used for the following professional services:

- ✓ **Additional Training** – additional training, via web conferencing, can be conducted to train new users on the use of the system or as refresher training for existing users.
- ✓ **Additional System Set Up Consultation** – MCCi offers additional consultation that includes recommendations on best practices for adding additional departments, processes, additional types of document etc. to your current solution.
- ✓ **Annual System Review & Analysis** – Upon request, MCCi will access your system to review and analyze how your organization is using the system, identify discovered potential problem areas and make recommendations for better use of the system. This analysis is designed to be implemented 6 months after the initial implementation, and should be performed annually after that date. This is an optional service that will be completed only if requested by the Client.
- ✓ **Remote Access Support** – Remote Access Support allows our helpdesk staff to access your machines remotely to resolve problems faster. The use of Remote Access Support saves you both time and money by reducing the delays in resolving issues without costly on-site visits.
- ✓ **Expiration & Additional Services** –MCCi Managed Services is an annual package and will expire on the same date as your SAP plan.

GRANICUS LEGISLATIVE MANAGEMENT SUITE TECHNICAL REQUIREMENTS

Smart Client Requirements

The Granicus Legislative Management software is developed using .Net Framework, and combines the benefits of both Web and desktop application by adopting the Smart Client Architecture. The end user can run Granicus Legislative Management, in Windows XP/2000/Vista/7 (any edition—Home, Professional, Media Center or Tablet PC), with the .NET Framework 3.5 with service pack 1 for .net Framework 2.0 installed and functioning. Adobe Professional is required for the Agenda Clerk(s) machine.

Granicus Legislative Management Server Requirements

Granicus Legislative Management is a hosted solution; therefore there are no server-side requirements.

TECHNICAL REQUIREMENTS FOR ALL OTHER GRANICUS MODULES

MCCi can provide technical requirements for optional Granicus modules upon request.

The terms of this agreement shall remain in force and effect for a period of ninety (90) days from the date appearing below, unless accepted by the Client.

Submitted by: **MCCi**, a Limited Liability Company

Date: June 16, 2017

By: _____
(Signature)

(Printed Name & Title)

Noted Items Accepted by: **HATTIESBURG, MS**

Date: _____

By: _____
(Signature)

(Printed Name & Title)

GRANICUS TERMS AND CONDITIONS

MCCI, a Limited Liability Company and subsidiary of **MUNICIPAL CODE CORPORATION**, which is duly organized and existing under the laws of the State of Florida, hereinafter referred to as MCCI, hereby offers the Granicus Legislative Management Solution to the client, according to the following terms and conditions.

Granicus Legislative Management Subscription & Support

Granicus Legislative Management Subscription Assurance Plan (Granicus Legislative Management SAP) is offered by MCCI and is designed to provide your organization continued access to technical support as well as solution updates as they are released. Granicus Legislative Management SAP is designed to be renewed each year on the anniversary date, when subscription access was first provided. Adjustments in annual support rates may be made to coincide

with current U.S. inflation rates – any increase will not exceed the cumulative increase in the Consumer Price Index (CPI) occurring since the last price increase. MCCI recommends the client designate a support contact to channel requests through, but clients can designate several individuals who are to be the technical support contacts if necessary.

Granicus Legislative Management Subscription Assurance Plan (Granicus Legislative Management SAP) provides support and all updates as released.

Support for the Granicus Legislative Management Suite is handled directly through MCCI and is provided via email or telephone during normal business hours of 8:00 AM to 6:00 PM EST. All support times are Monday through Friday excluding holidays. After hours support and/or support for other

Granicus modules is available by contacting Granicus directly.

PROFESSIONAL SERVICES RESCHEDULING/CANCELLATIONS

- **Travel Expenses:** If the client cancels or reschedules an installation after MCCI has made travel arrangements, travel expenses may be incurred due to circumstances such as non-refundable airline tickets, hotel reservations, rental cars, etc.

- **Site Preparation:** The Client site should be ready for installation according to specifications outlined within the Hardware section. If site is not prepared and results in cancellation, delays, or rescheduling of an installation after MCCI has made travel arrangements, the client may incur expenses due to circumstances such as non-refundable airline tickets, training/install charges, hotel reservations, rental cars, etc.

- **Project Delays:** Requests made by the client to cancel/reschedule delivery of services, will cause a delay in delivery of the services and the overall project. The client understands that MCCI will have to respect the timelines of other scheduled projects when rescheduling services due to a request made by the client.

Client Information Technology Assistance

In order for MCCI to excel in customer service, the client must provide timely access to technical resources. The client must provide adequate technical support for all MCCI installation and support services. If the client does not have “in-house” technical support, it is the client’s responsibility to make available the appropriate Information Technology resources/consultant when needed.

Granicus Legislative Management Suite Software Updates

Granicus Legislative Management Suite Subscription Service: Subscriber will always be using the current version of the software. Updates, new versions, new releases, patches, fixes, etc. are applied to the hosted version of the software as they become available, and customers are given advanced notification.

Granicus Legislative Management Suite Archive Services

DOCUMENT STORAGE. Facilities contain secure rooms for hardcopy “work in progress” document storage, are designed to prevent damage from natural disasters. Hardcopy documents are returned to the client after completion of scanning – no long-term storage/archival is available through this service.

- **PROJECT TIMELINE.** The project will be completed and delivered within 90 days after receipt of documents. Should additional time be required, the Client will be notified immediately.

- **PRICING.** Charges apply on a per project basis and are dependent upon size, indexing requirements, type, and volume of documents. The entire project is required in bulk, rather than in small quantities. Breaking the project into smaller quantities will affect the volume pricing, and additional charges per image may apply. A sample may be required prior to confirming large volume job pricing.

- **UNANTICIPATED DOCUMENT TYPES & SIZES.** The prices quoted are made with the expectation that customer will properly prepare and annotate materials and that documents are consistent with the description provided in the scope of services. If documents are not as initially represented, additional charges will apply.

- **CERTIFIED PARTNERS.** Partnerships are maintained for the purpose of additional capacity and flexibility in meeting client expectations.

Agreement Extended to Other Governmental Units

MCCI agrees to allow any other Government agency to purchase items, at the same terms, conditions and pricing as this contract during the period of time that this contract is in effect. Minor changes in terms and conditions may be negotiated by MCCI and participating Government agencies. Any orders issued against this agreement shall be the sole responsibility of the Government agency placing the order. It is understood that the Client shall incur no financial responsibility in connection with any purchase by another Government agency.

Travel Expenses

If the client cancels or reschedules an installation after MCCI has made travel arrangements, travel expenses may be incurred due to circumstances such as non-refundable airline tickets, hotel reservations, rental cars, etc.

Limited Liability

In no event shall MCCI’s total liability to the client exceed the project fees paid to MCCI by the client.

Force Majeure

Neither party shall be liable for any delay or failure in performance due to causes beyond its reasonable control.

Client Financial Solvency/ Bankruptcy

MCCI may require payment in advance for products and services in response to learning of financial solvency or bankruptcy issues.

No Hire Clause

Client and MCCI agree that during the period that this agreement is in force, including extensions or modifications thereto, and for an additional 12 months following this period, neither Client nor the MCCI will actively recruit, or solicit employees or independent contractors of either company, or the employees of any of the other Subcontractors; who are on active payroll status and are currently participating in this Program, without the prior written approval of the party whose employee or independent contractor is being considered for employment. This does not prohibit any employee from responding to or pursuing employment opportunities through normal media channels, i.e. newspapers, professional journals, etc. so long as it is not related to this particular program and that it is not an attempt to avoid the intent of the above restriction.

If, during the term of, or within (12) months after the termination of the performance period of this agreement, client hires directly, or indirectly

contracts with any of MCCI’s personnel for the performance of systems engineering and/or related services hereunder, client agrees to pay MCCI 125% of the fees paid to, or in favor of such personnel for one (1) year after such personnel separates from service with MCCI.

Additional Services

As an additional service/product under this contract, MCC and MCCI can provide the following:

- **Enterprise Content Management Solutions (Laserfiche).** MCCI offers Laserfiche Software and related services
- **Document Scanning Services (DDI).** MCCI offers scanning, indexing and integration of hard copy documents with Laserfiche Software to provide the Client with the most powerful index retrieval search engine available with the following features: intuitive browse window, index cards, and fuzzy logic.
- **Contract Management Software (Contract Assistant).** MCCI offers the Contract Assistant Software (developed by Blueridge Software) which is a web based solution designed to provide control and automation of the contract management process.
- **Code Supplementation and Codification Services (MuniCode).** Municipal Code Corporation offers supplementation of existing Codes, Codification of Ordinances and Recodification of existing Codes. Our optional services include legal review, republishing, editorial and index work and electronic options (CD, Internet).
- **Utility Billing Services (MuniBills).** MCCAdvantage offers billing, statement and remittance processing services as an additional benefit under this agreement. MCC Advantage, a subsidiary of MCC, can provide the client with design, printing and mailing services for customer billing/statements of all types. These services also include remittance payment options, software and other billing solutions.

Termination

The services provided in this agreement will be in full force and effect for a period of three (3) years from the date of shipment of the completed product to the organization. Thereafter, this agreement will be automatically renewed from year to year, provided that either party may alter or cancel the terms of this agreement.



City of Hattiesburg, MS

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

FILE NUMBER: 2017-481

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Acknowledge receipt of the monthly budget report f

<u>Title:</u> Acknowledge receipt of the monthly budget report for the month ending May 31, 2017.
--

Type: Action Item

Drafter: Kermas Eaton

In Control: City Council

Reference:

Attachments: Revenue 5-31-17, Expenditure 5/31/17

File Created: 06/08/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File

6/02/17

.....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			23,333	34769	149	35000	231
MERCHANTS COMPANY	2066								
COLLECTIONS-P/Y EXCESS	2070								
PAYMENT IN LIEU OF T		2,916			23,333	34769	149	35000	231
TAXES-OTHER		2,916			23,333	34769	149	35000	231
LICENSES, PERMITS & FEES	220A								
PRIVILEGE LICENSES	2200	12,500	13455	107	100,000	84763	84	150000	65237
FRANCHISES	2210								
ELECTRICAL FRANCHISE	2211	250,000	2866	1	2,000,000	2183419	109	3000000	816581
SOLID WASTE OPER/FRANC	2212	14,583	10540	72	116,667	110662	94	175000	64338
AT&T UVERSE VIDEO/FRAN	2213								
GAS FRANCHISE	2215	12,083	48869	404	96,667	97221	100	145000	47779
CSPIRE FIBER-TELEPAK F	2218		171			452			452-
CABLE T.V. FRANCHISE	2219	38,750	111334	287	310,000	323046	104	465000	141954
FRANCHISES		315,416	173780	55	2,523,333	2714800	107	3785000	1070200
BLDG/INSP PERMITS & FEE	2220								
BUILDING PERMIT/INSPEC	2221	31,250	31594	101	250,000	373655	149	375000	1345
FIRE INSPECTION	2222								
SIGN PERMIT	2223	1,666	1229	73	13,333	10917	81	20000	9083
LAND CODE ENFORCEMENT	2224	2,916	1100	37	23,333	23369	100	35000	11631
GAS & PLUMBING	2225	625	750	120	5,000	6900	138	7500	600
ELECTRICAL INSPECTION	2226	916	998	108	7,333	7120	97	11000	3880
DEMOLITION PERMIT	2227	250	100	40	2,000	900	45	3000	2100
HOUSE MOVING	2228	41	100	243	333	750	225	500	250-
BLDG/INSP PERMITS &		37,666	35871	95	301,333	423611	140	452000	28389
OTHER PERMITS & FEES	2230								
PUBLIC RECORDS ACCESS	2233								
PROPERTY CLEAN-UP COST	2234	100			800			1200	1200
TAXI BADGE PERMIT	2235	16			133			200	200
WRECKER REGISTRATION F	2236	41			333	75	22	500	425
BURN OR MISC FIRE PERM	2237	166	4021	2422	1,333	5266	395	2000	3266-
AMBULANCE PERMIT	2238	75			600	900	150	900	
ZONING PETITION FEE	2240								
ZONING CERTIFICATE FEE	2245	625	350	56	5,000	3675	73	7500	3825
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			333	160	48	500	340
MISC. PERMITS & FEES	2299	4,083	29211	715	32,667	40049	122	49000	8951
OTHER PERMITS & FEES		5,150	33582	652	41,200	50125	121	61800	11675
LICENSES, PERMITS & F		370,733	256687	69	2,965,867	3273299	110	4448800	1175501
INTER-GOVERNMNTL REVENUE	230A								
FEDERAL GRANTS	230B								
JUST./USM-PROJECT SAFE	2304								
JUST./USM-POLICE CORPS	2305								
JUST.-OTHER	2307	7,216			57,729			86593	86593
JUST.-COPS SECURE SCHOO	2309								
JUST.-JAIL DIVERSION	2310	22,977			183,817	26821	14	275726	248905
JUST.-BYRNE GRANTS	2311	1,000			8,000			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			13,333	15211	114	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			6,000			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			2,059,378	381402	18	3089067	2707665
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			3,000			4500	4500
HUD-MIDTOWN STUDY	2360								
HUD/MDA HUB CITY LOFT P	2361								
FEDERAL GRANTS		291,407			2,331,257	423434	18	3496886	3073452
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	14400	576	20,000	14400	72	30000	15600
SOLID WASTE GRANT	2518	12,500			100,000			150000	150000
URBAN YOUTH CORPS MDOT	2519	2,083			16,667			25000	25000
DEQ GRANTS(SO.LAGOON ST	2520								
ARTS COMMISSION GRANT	2521								
BEAUTIFICATION-VARIOUS	2522								
MS CITY CORPS COUNCIL	2523								
STOP VIOLENCE GRANT	2526	2,083	1800	86	16,667	13559	81	25000	11441
ALCOHOL INCENTIVE	2527	5,688	915	16	45,505	49825	109	68257	18432
JUSTICE ASSISTANCE	2528								
DISASTER RELIEF	2545								
MEMA-DOMESTIC PREPAREDND	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	17115	68	198,838	77784	39	298257	220473
STATE-SHARED REVENUE	260B								
GENERAL SALES TAX	2600	1,791,666	2028274	113	14,333,333	14779672	103	21500000	6720328
CITY UTILITY TAX	2601	750	725	96	6,000	5370	89	9000	3630
SALES TAX-SRF REIMB.	2602		8289			149379			149379-
ALCOHOLIC BEV. LICENSE	2610	11,666	10575	90	93,333	98376	105	140000	41624
MOTOR VEH.PRIVILEGE TAX	2635	8,333			66,667			100000	100000
PAT HARRISON WATERWAY D	2665								
MPO-METROPOLITAN PLANNI	2670	33,333			266,667	109533	41	400000	290467
MISC DORMANT ACCOUNT RF	2699								
STATE-SHARED REVENUE		1,845,750	2047863	110	14,766,000	15142329	102	22149000	7006671
CITY/COUNTY-SHARED REVEN	270B								
FORREST CTY	2705								
FORREST CTY CAMP SHELBY	2705								
FORREST CTY GORDON CRK	2705								
FORREST GENERAL CTY HOS	2706								
FORREST-INFRAST.IMPR.	2707								
LAMAR-INFRAST.IMPR.	2708								
LAMAR/FORREST-HAZ.WASTE	2709	3,192	19154	600	25,539	19154	74	38308	19154
PETAL/F-CO FLOOD INUNDA	2718	1,720			13,760			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	19154	389	39,299	19154	48	58948	39794
CHARGES FOR SERVICES	280A								
PUBLIC SAFETY	2850								
CRIME SCENE UNIT CONT	2855	5,000			40,000	40000	100	60000	20000
FIRE DPT.SERV FOR OTHE	2860					10			10-

800 MHZ RADIO ACCESS F	2865								
POLICE/FIRE-SPECIAL DU	2870	9,583	14322	149	76,667	90640	118	115000	24360
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	2374	237	8,000	15310	191	12000	3310-
FED BUREAU INVEST O/T	2884	833	1460	175	6,667	7969	119	10000	2031
PUBLIC SAFETY		16,416	18156	110	131,333	153929	117	197000	43071
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			667	115	17	1000	885
CROSSING LIGHT FEES	2920								
LOT CLEAN-UP/HEAVY TRA	2930	41			333			500	500
CDBG LOT CLEAN-UP/DEMO	2931								
STREETS		125			1,000	115	11	1500	1385
SANITATION	2950								
RECYCLING PICK UP	2951	5,833	5852	100	46,667	39787	85	70000	30213
TRASH HAULING	2960	8,750	11088	126	70,000	73674	105	105000	31326
RESIDENTL WASTE COLLEC	2965	169,250	194767	115	1,354,000	1323045	97	2031000	707955
SANITA-REFUND & RECOVE	2970								
SANITATION		183,833	211707	115	1,470,667	1436506	97	2206000	769494
CHARGES FOR SERVICES		200,375	229863	114	1,603,000	1590550	99	2404500	813950
FINES AND FORFEITS	330A								
POLICE FINES	3320	100,000	81873	81	800,000	672634	84	1200000	527366
CITY COURT COSTS	3321	12,500			100,000	60695	60	150000	89305
CCC-JAIL REIMB.	3322	83	8402	122	667	17056	2557	1000	16056-
ENVIR CT-CODE VIOLATION	3323	83			667	3465	519	1000	2465-
ANIMAL CONTROL	3327	100	250	250	800	3575	446	1200	2375-
COURT TECHNOLOGY FEE	3328								
FINES AND FORFEITS		112,766	90524	80	902,133	757425	83	1353200	595775
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSI	3402								
OTHER INTEREST-CD'S	3403								
SAVINGS ACCOUNT/MMA	3405	250	8050	3220	2,000	19103	955	3000	16103-
INTEREST-GRANT MONIES	3406								
OTHER INTEREST-MMA	3407								
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								

CONTRIB-NCBM-BROWNFIEL	3462								
CONTRIB-SENIOR FARE	3463								
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								
CONTRIB-NLC HEALTH INI	3471								
CONTRIB-NLC FISCL	3472								
CONTRIBUTIONS-PRIVAT									
POLICE DEPT-MISC CHARGE	3590	4,583	5679	123	36,667	40728	111	55000	14272
OTHER MISC. REVENUE	3599								
MS POWER ENRGY EFFIC P	3599 01	3,827			30,619	45928	149	45928	
OTHER MISC. REVENUE		3,827			30,619	45928	149	45928	
MISCELLANEOUS		22,485	26193	116	179,885	232164	129	269828	37664
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			166,667			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	3271-		10,000,000	13471410	134	15000000	1528590
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			2,000			3000	3000
T/F TAX COLL-INT/PEN	3800 27IP	24,166	16355	67	193,333	124601	64	290000	165399
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	13084	1	10,362,000	13596011	131	15543000	1946989
TRANSFERS		1,295,250	13084	1	10,362,000	13596011	131	15543000	1946989
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	7450	137	43,333	33440	77	65000	31560
SALE OF EQUIPMENT	3940	5,833			46,667	2363	5	70000	67638
SALE OF SCRAP MATERIAL	3943	208			1,667	871	52	2500	1629
SALE OF MISC. ITEMS	3945								
SALE OF MAPS/PUBLICATIO	3947					110			110-
SALE OF RECYCLABLE ITEM	3948								
MDB LOAN PYMT-HUB CITY	3950	10,117	10118	100	80,941	80941	100	121412	40471
KERR MAGEE PROJECT	3960								
MS TANK PROJECT	3961								
INSURANCE REIMB-STORM	3962	54,454	623965	1145	435,635	1289664	296	653453	636211-
VENDING COMM./REFUNDS	3964								
REFUND & RECOVERY	3965	833	94	11	6,667	4507	67	10000	5493
RECOVERY OF DAMAGE CLAI	3967	2,381			19,053			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	641627	809	633,963	1411896	222	950945	460951-
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	678,996			5,431,973			8147959	8147959

BEGINNING CASH BALANC		678,996			5,431,973			8147959	8147959

REVENUES		4,929,693	3342111	67	39,437,549	36558814	92	59156323	22597509

ALL FUNDS

8 MONTHS ENDING 05/31/17

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
		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			88,390			132585	132585
MISC FEDERAL GRANTS	2339								
NATL PARK SER/LAND WTR	2351								
-----		-----	-----	----	-----	-----	----	-----	-----
FEDERAL GRANTS		11,048			88,390			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			4,667			7000	7000
-----		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS GRANTS		583			4,667			7000	7000
-----		-----	-----	----	-----	-----	----	-----	-----
CITY/COUNTY SHARED RE		583			4,667			7000	7000
CHARGES FOR SERVICES	280A								
WORKSHOP TRNG FEES	2892								
CULTURE AND RECREATION	3100								
SWIM FEES-C.E. ROY/5TH	3110	10			83			125	125
SWIM FEES-DAHMER PARK	3112	16			133			200	200
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			2,850			4275	4275
KAMPER PARK CONCESSION	3130								
BALLPARK CONCESSIONS	3131								
CERAMIC CONCESSIONS	3134								
KPZ GIFT SHOP CONCESSI	3135								

ZOO ADMISSIONS	3137								
TATUM PK PAVILION USE	3138	6			53	40	75	80	40
EASTSIDE PK PAVILION U	3139	32			257	280	108	385	105
MCNAIR REC CTR USE FEE	3140								
KPZ PAVILION USE FEE	3145								
DAHMER PAVILION USE FE	3147	56	80	142	453	380	83	680	300
KP ED CENTER USE FEE	3149								
BALLFIELD USE FEES	3150	281			2,250	1090	48	3375	2285
PARKS-MISC USE FEES	3151	344	245	71	2,757	1315	47	4135	2820
YOUTH TEAM FEES	3160								
FLAG FOOTBALL	3160 01								
LITTLE TIGERS BASKETB	3160 02								
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									
ADULT TEAM FEES	3162								
CHURCH LEAGUE BASKETB	3162 01								
ADULT BASKETBALL	3162 02	272			2,177	5439	249	3265	2174-
ADULT CO-ED SOFTBALL	3162 03	412	1800	436	3,300	3600	109	4950	1350
ADULT MEN'S SOFTBALL	3162 04	739	4350	588	5,913	5850	98	8870	3020
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	6150	432	11,390	14889	130	17085	2196
CERAMICS CLASS FEES	3170								
DRAMA,ART,DANCE LESSON	3178								
"MOKEY" TRAIN RIDES	3181								
CAROUSEL RIDES	3185								
OTHER	3190								
CULTURE AND RECREATI		2,528	6475	256	20,227	18034	89	30340	12306
CHARGES FOR SERVICES		2,528	6475	256	20,227	18034	89	30340	12306
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSI	3402								
SAVINGS ACCOUNT/MMA	3405	35	123	351	287	557	194	430	127-
INTEREST EARNINGS		35	123	351	287	557	194	430	127-
CONTRIBUTIONS-PUBLIC	3450								

CONTRIBUTIONS-FORREST	3455	2,083			16,667	5000	29	25000	20000

CONTRIBUTIONS-PUBLIC		2,083			16,667	5000	29	25000	20000
CONTRIBUTIONS-PRIVATE	3460								
CONTRIB-POLICEMAN'S BE	3461								
CONTRIB-MS TENNIS ASSO	3462					7000			7000-
CONTRIB-SENIOR FARE	3463								
CONTRIB-SENIOR PROM	3464								
CONTRIB-HWY 49/7th ST	3468	2,083			16,667			25000	25000
CONTRIB-OTHER	3469	83			667	71	10	1000	929

CONTRIBUTIONS-PRIVAT		2,166			17,333	7071	40	26000	18929

MISCELLANEOUS		4,285	123	2	34,287	12629	36	51430	38801
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F GENERAL FUND	3800 01	189,166			1,513,333	1400000	92	2270000	870000
T/F TAX COLLECTORS-GPT	3800 27	70,732	14061	19	565,861	814581	143	848791	34210

TRANSFERS FROM OTHR		259,899	14061	5	2,079,194	2214581	106	3118791	904210

TRANSFERS		259,899	14061	5	2,079,194	2214581	106	3118791	904210
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			414,307			621460	621460

BEGINNING CASH BALANC		51,788			414,307			621460	621460

REVENUES		330,133	20659	6	2,641,071	2247335	85	3961606	1714271

004004 - LIBRARY FUND REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

	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		13713			794414			794414-
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR			13713			794414			794414-
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS			13713			794414			794414-
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES			13713			794414			794414-

NOTE PROCEEDS								
NON-REVENUE RECEIPTS								
BEGINNING CASH BALANCE 399A								
APPROPRIABLE FUND BALAN 3999		75,837			606,699		910048	910048
BEGINNING CASH BALANC		75,837			606,699		910048	910048
REVENUES		103,933	455		831,467	4406	1247200	1242794

6/02/17

6/02/17

6/02/17

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	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			30,000	44960	149	45000	40
-----		-----	-----	----	-----	-----	----	-----	-----
STATE-SHARED REVENUE		3,750			30,000	44960	149	45000	40
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405	41	37	90	333	409	122	500	91
-----		-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS		41	37	90	333	409	122	500	91
CONTRIBUTIONS-PUBLIC	3450								
CONTRIB-USM-CLASSIC DR	3452								
CONTRIBUTIONS-FORREST	3455								
-----		-----	-----	----	-----	-----	----	-----	-----
CONTRIBUTIONS-PUBLIC									
-----		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS		41	37	90	333	409	122	500	91
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			89,193			133790	133790

BEGINNING CASH BALANC	11,149		89,193			133790	133790
REVENUES	14,940	37	119,527	45369	37	179290	133921

6/02/17

CURRENT			YEAR-TO-DATE			ANNUAL	UNREALIZED
ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
2,083	3075	147	16,667	14810	88	25000	10190
2,083	3075	147	16,667	14810	88	25000	10190
2,083	3075	147	16,667	14810	88	25000	10190
208	338	162	1,667	3990	239	2500	1490-
208	338	162	1,667	3990	239	2500	1490-
208	338	162	1,667	3990	239	2500	1490-
741,666	779167	105	5,933,333	6233333	105	8900000	2666667
741,666	779167	105	5,933,333	6233333	105	8900000	2666667
741,666	779167	105	5,933,333	6233333	105	8900000	2666667
				8597			8597-
20,833			166,667			250000	250000
				100			100-

CAPITAL LEASE PROCEEDS	3970								
NON-REVENUE RECEIPTS		20,833			166,667	8697	5	250000	241303
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	139,070			1,112,566			1668849	1668849
BEGINNING CASH BALANC		139,070			1,112,566			1668849	1668849
REVENUES		903,862	782580	86	7,230,899	6260831	86	10846349	4585518

ALL FUNDS

8 MONTHS ENDING 05/31/17

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
		ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		1336			4122			4122-
OTHER INTEREST-MMA	3407		431			1534			1534-
TREASURY NOTES	3409								
-----		-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			1767			5656			5656-
-----		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			1767			5656			5656-
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			166,667	250000	149	250000	
T/F WATER & SEWER '12	3800 11B	72,083	72083	100	576,667	576667	100	865000	288333
T/F WATER & SEWER '13	3800 11C	104,583	104583	100	836,667	836667	100	1255000	418333
T/F WATER & SEWER '16	3800 11D		244250			1954000			1954000-
T/F '10 W&S GO BONDS	3800 11GO	20,000	20000	100	160,000	160000	100	240000	80000
T/F WTR/SWR(METER GO)	3800 11M	53,333	53333	100	426,667	426667	100	640000	213333
T/F W&S '16 REF BOND	3800 11REF	104,166	125000	120	833,333	750000	90	1250000	500000
T/F W&S B&I USA YEAST	3800 15								
T/F W & S CONTINGENCY	3800 17	244,250			1,954,000			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	619250	100	4,954,000	4954000	100	7431000	2477000
-----		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS		619,250	619250	100	4,954,000	4954000	100	7431000	2477000
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 BALANCE	3999	584,310			4,674,482			7011723	7011723
-----		-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANCE		584,310			4,674,482			7011723	7011723
-----		-----	-----	----	-----	-----	----	-----	-----
REVENUES		1,203,560	621017	51	9,628,482	4959655	51	14442723	9483068

ALL FUNDS

8 MONTHS ENDING 05/31/17

		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	120	36	2,667	1560	58	4000	2440
OTHER PERMITS & FEES		333	120	36	2,667	1560	58	4000	2440
LICENSES, PERMITS & F		333	120	36	2,667	1560	58	4000	2440
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSI	3402								
SAVINGS ACCOUNT/MMA	3405	291	251	86	2,333	2876	123	3500	624
INTEREST EARNINGS		291	251	86	2,333	2876	123	3500	624
MISCELLANEOUS		291	251	86	2,333	2876	123	3500	624
ENTERPRISE ACCOUNTS	360A								
METERED WATER SALES	3600								
RESIDENTIAL WATER-NO T	3600 01	450,000	452727	100	3,600,000	3655786	101	5400000	1744214
NON-RESIDENTIAL WATER	3600 011	83,333	144659	173	666,667	1200441	180	1000000	200441-
TAXABLE WATER SALES	3600 02	250,000	238478	95	2,000,000	1907271	95	3000000	1092729
TAXABLE WATER-USA YEAS	3600 03	14,166	10153	71	113,333	97055	85	170000	72945
METERED WATER SALES		797,500	846017	106	6,380,000	6860552	107	9570000	2709448
WATER TAPS	3610	14,166	5252	37	113,333	105330	92	170000	64670
WATER TURN-ON FEE	3620	4,166	5030	120	33,333	32050	96	50000	17950
SEWER TAPS	3625	3,333	1500	45	26,667	15210	57	40000	24790
SEWER CHARGES	3630								
NON-RESIDENTIAL SEWER	3630 01	255,916	276882	108	2,047,333	2255494	110	3071000	815506
RESIDENTIAL SEWER	3630 02	450,000	461211	102	3,600,000	3671911	101	5400000	1728089
LAMAR PARK SEWER	3630 03	16,666	16810	100	133,333	115096	86	200000	84904
MARSHALL DURBIN SEWER	3630 04	37,500	63689	169	300,000	377482	125	450000	72518
PETAL SEWER	3630 05	37,500	36749	97	300,000	278012	92	450000	171988
HERCULES	3630 06	166			1,333	49	3	2000	1951
PBRSWMA-LEACHATE	3630 07	291	594	204	2,333	2606	111	3500	894
ZEON CHEMICALS	3630 08	2,083	2813	135	16,667	14056	84	25000	10944
USA YEAST SEWER	3630 09	29,166	15758	54	233,333	140410	60	350000	209590
DAIRY FRESH SEWER	3630 10	6,250	9904	158	50,000	64933	129	75000	10067
OTHER SPEC SWR CONTRAC	3630 11	7,500			60,000			90000	90000
SEWER CHARGES		843,041	884411	104	6,744,333	6920049	102	10116500	3196451
SEWERAGE TREATMENT	3720								
ENTERPRISE ACCOUNTS		1,662,208	1742209	104	13,297,667	13933192	104	19946500	6013308
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								

NON-REVENUE RECEIPTS	-----	-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANCE 399A						152			152-
APPROPRIABLE FUND BALAN 3999	-----	-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES	-----	-----	-----	----	-----	-----	----	-----	-----
		1,662,833	1742580	104	13,302,667	13937780	104	19954000	6016220

012012 - 1999 TAX INCRE B&I-REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

		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			7		7-	
OTHER INTEREST	3407								
TREASURY NOTES	3409								

INTEREST EARNINGS			1			7		7-	

MISCELLANEOUS			1			7		7-	

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			7		7-	

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
CITY/COUNTY-SHARED REVENUE	270B								
PROPERTY TAX DISTR-SUNB	2728								
KOHLER DEBT.SER-FORREST	2730	434			3,473			5210	5210
		-----	-----	----	-----	-----	----	-----	-----
CITY/COUNTY-SHARED RE		434			3,473			5210	5210
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405	125	2879	2303	1,000	6920	692	1500	5420-
OTHER INTEREST-MMA	3407								
TREASURY NOTES	3409								
		-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS		125	2879	2303	1,000	6920	692	1500	5420-
RENTS AND ROYALTIES	3410								
BUILDING	3412								
KOHLER	3412 17								
ABILITYWORKS INC (ALLI	3412 19								
OTHER BLDG. RENT	3412 99								
		-----	-----	----	-----	-----	----	-----	-----
BUILDING									
		-----	-----	----	-----	-----	----	-----	-----
RENTS AND ROYALTIES									
		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS		125	2879	2303	1,000	6920	692	1500	5420-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F GENERAL FUND	3800 01								
T/F SPEC.SALES TAX	3800 107	10,426			83,413			125120	125120
T/F TAX COLLECTORS-GPT	3800 27	224,250	49214	21	1,794,000	2848636	158	2691000	157636-
T/F INDUSTRIAL PARK DE	3800 87								
T/F IND.PARK (KOHLER)	3800 87K	22,850			182,807	274211	150	274210	1-
T/F IND.PARK (SUNBEAM)	3800 87S								
T/F D/T LIGHTING	3800 90								
T/F MDB CAPITAL PROJEC	3800 96								
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR		257,527	49214	19	2,060,220	3122847	151	3090330	32517-
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS		257,527	49214	19	2,060,220	3122847	151	3090330	32517-
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
SALE OF BONDS	3912								
BOND PREMIUM	3913								
ACCRUED INT-RFDG BONDS	3915								
		-----	-----	----	-----	-----	----	-----	-----

SALE OF BONDS								
SALE OF REAL ESTATE-SAC 3920	17,969			143,753	57550	40	215630	158080
REFUND & RECOVERY 3965								
NON-REVENUE RECEIPTS	17,969			143,753	57550	40	215630	158080
BEGINNING CASH BALANCE 399A								
APPROPRIABLE FUND BALAN 3999	298,762			2,390,099			3585148	3585148
BEGINNING CASH BALANC	298,762			2,390,099			3585148	3585148
REVENUES	574,818	52093	9	4,598,545	3187317	69	6897818	3710501

014014 - SCHOOL FUND REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

	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		243270			15387867			15387867-
T/F TAX COLL-GPT-'88 B	3800 27SB		31419			2004753			2004753-
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR			274689			17392620			17392620-
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS			274689			17392620			17392620-
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES			274689			17392620			17392620-

ALL FUNDS

8 MONTHS ENDING 05/31/17

[illegible]

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

	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		424			3739			3739-
MISCELLANEOUS			424			3739			3739-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27		20848			1208757			1208757-
TRANSFERS FROM OTHR			20848			1208757			1208757-
TRANSFERS			20848			1208757			1208757-
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999								
BEGINNING CASH BALANC									
REVENUES			21272			1212496			1212496-

[illegible]

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

	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								
FORREST CTY	2705	11,894			95,152			142728	142728
		-----	-----	----	-----	-----	----	-----	-----
CITY/COUNTY-SHARED RE		11,894			95,152			142728	142728
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405					45			45-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
		-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS						45			45-
		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS						45			45-
TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	3800								
T/F TAX COLLECTORS-GPT	3800 27	11,894			95,152			142728	142728
T/F '02 TIF CONSTR-SO.	3800 88								
T/F '14 TIF CONSTR-SO.	3800 91								
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHER		11,894			95,152			142728	142728
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS		11,894			95,152			142728	142728
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
		-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	16,250			130,000			195000	195000
		-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANCE		16,250			130,000			195000	195000
		-----	-----	----	-----	-----	----	-----	-----
REVENUES		40,038			320,304	45		480456	480411

021021 - 2004 TIF B&I-H/D REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

	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		42			117			117-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
INTEREST EARNINGS			42			117			117-
MISCELLANEOUS			42			117			117-
TRANSFERS	380A								
TRANSFERS FROM OTHER FND	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			117			117-

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
		ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405	6	4	66	50	87	174	75	12-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
-----		-----	-----	-----	-----	-----	-----	-----	-----
INTEREST EARNINGS		6	4	66	50	87	174	75	12-
-----		-----	-----	-----	-----	-----	-----	-----	-----
MISCELLANEOUS		6	4	66	50	87	174	75	12-
TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	3800								
T/F GENERAL FUND	3800 01								
T/F TAX COLLECTORS-GPT	3800 27	18,630			149,040			223560	223560
T/F 2003 TIF CONST-CHA	3800 90								
-----		-----	-----	-----	-----	-----	-----	-----	-----
TRANSFERS FROM OTHER		18,630			149,040			223560	223560
-----		-----	-----	-----	-----	-----	-----	-----	-----
TRANSFERS		18,630			149,040			223560	223560
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
-----		-----	-----	-----	-----	-----	-----	-----	-----
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	8,333			66,667			100000	100000
-----		-----	-----	-----	-----	-----	-----	-----	-----
BEGINNING CASH BALANCE		8,333			66,667			100000	100000
-----		-----	-----	-----	-----	-----	-----	-----	-----
REVENUES		26,969	4		215,757	87		323635	323548

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
CITY/COUNTY-SHARED REVENUE	270B								
LAMAR CTY	2708	9,416			75,333			113000	113000
		-----	-----	-----	-----	-----	-----	-----	-----
CITY/COUNTY-SHARED RE		9,416			75,333			113000	113000
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405	9	8	88	77	20	25	115	95
OTHER INTEREST	3407								
TREASURY NOTES	3409								
		-----	-----	-----	-----	-----	-----	-----	-----
INTEREST EARNINGS		9	8	88	77	20	25	115	95
		-----	-----	-----	-----	-----	-----	-----	-----
MISCELLANEOUS		9	8	88	77	20	25	115	95
TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	3800								
T/F TAX COLLECTORS-GPT	3800 27	27,513	250000	908	220,111	250000	113	330166	80166
T/F 2007 TIF CONST-TUR	3800 91								
		-----	-----	-----	-----	-----	-----	-----	-----
TRANSFERS FROM OTHER		27,513	250000	908	220,111	250000	113	330166	80166
		-----	-----	-----	-----	-----	-----	-----	-----
TRANSFERS		27,513	250000	908	220,111	250000	113	330166	80166
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
		-----	-----	-----	-----	-----	-----	-----	-----
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	833			6,667			10000	10000
		-----	-----	-----	-----	-----	-----	-----	-----
BEGINNING CASH BALANCE		833			6,667			10000	10000
		-----	-----	-----	-----	-----	-----	-----	-----
REVENUES		37,773	250008	661	302,187	250020	82	453281	203261

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

	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			119			119-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
INTEREST EARNINGS			27			119			119-
MISCELLANEOUS			27			119			119-
TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	3800								
T/F TAX COLLECTORS-GPT	3800 27	5,947			47,583			71375	71375
T/F 2008 TIF CONST-L/C	3800 90								
TRANSFERS FROM OTHER		5,947			47,583			71375	71375
TRANSFERS		5,947			47,583			71375	71375
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	11,666			93,333			140000	140000
BEGINNING CASH BALANCE		11,666			93,333			140000	140000
REVENUES		17,614	27		140,917	119		211375	211256

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

	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			20,096			30144	30144
CITY/COUNTY-SHARED RE		2,512			20,096			30144	30144
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		31			79			79-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
INTEREST EARNINGS			31			79			79-
MISCELLANEOUS			31			79			79-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27	5,541			44,333	50000	112	66500	16500
T/F 2011 TIF CONST-KOH	3800 91								
TRANSFERS FROM OTHR		5,541			44,333	50000	112	66500	16500
TRANSFERS		5,541			44,333	50000	112	66500	16500
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
APPROPRIABLE FUND BALAN	3999	916			7,333			11000	11000
NON-REVENUE RECEIPTS		916			7,333			11000	11000
REVENUES		8,970	31		71,763	50079	69	107644	57565

ALL FUNDS

8 MONTHS ENDING 05/31/17

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	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		86			208			208-
OTHER INTEREST	3407								
TREASURY NOTES	3409								

INTEREST EARNINGS			86			208			208-

MISCELLANEOUS			86			208			208-

TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27								
T/F 2016 TIF CONST-WHI	3800 91					140071			140071-

TRANSFERS FROM OTHR						140071			140071-

TRANSFERS						140071			140071-

NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965					1			1-

NON-REVENUE RECEIPTS						1			1-

REVENUES			86			140281			140281-

TAXES-OTHER		16355		120094		120094-
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	250		3729		3729-
TREASURY NOTES	3409					
INTEREST EARNINGS		250		3729		3729-
MISCELLANEOUS		250		3729		3729-
NON-REVENUE RECEIPTS	390A					
REFUND & RECOVERY	3965					
NON-REVENUE RECEIPTS						
REVENUES		639339		37719306		37719306-

028028 - 2016 TIF B&I-HBRG CLINIC MIDTN

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

	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		3			7			7-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
INTEREST EARNINGS				3		7			7-
MISCELLANEOUS				3		7			7-
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				3		75007			75007-

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	2135	1	943,333	121490	12	1415000	1293510

050050 - 2015A TIF B&I-RIDGE/TURTLE CRK

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

	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								
LAMAR COUNTY	2708					7065			7065-
CITY/COUNTY-SHARED RE						7065			7065-
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
SAVINGS ACCOUNT/MMA	3405		41			100			100-
INTEREST EARNINGS			41			100			100-
MISCELLANEOUS			41			100			100-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27					94000			94000-
T/F TIF CONSTRUCTION	3800 91					61020			61020-
TRANSFERS FROM OTHR						155020			155020-
TRANSFERS						155020			155020-
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			41			162185			162185-

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
CITY/COUNTY SHARED REVENUE	230B								
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
SAVINGS ACCOUNT/MMA	3405		8			19			19-

INTEREST EARNINGS			8			19			19-

MISCELLANEOUS			8			19			19-
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 BALANCE	3999								

BEGINNING CASH BALANCE									

REVENUES			8			30519			30519-

PRO-RATA CTY RD TAX-FOR	2710	50,000	9574	19	400,000	536803	134	600000	63197
PRO-RATA CTY RD TAX-LAM	2715	100,000	11058	11	800,000	749819	93	1200000	450181
MISCELLANEOUS GRANTS	2740								

CITY/COUNTY-SHARED RE		150,000	20632	13	1,200,000	1286622	107	1800000	513378
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSI	3402								
SAVINGS ACCOUNT/MMA	3405		1831			4230			4230-

INTEREST EARNINGS			1831			4230			4230-
CONTRIBUTIONS-PUBLIC	3450								
CONTRIBUTIONS-FORREST	3455								
CONTRIB-RAILS TO TRAIL	3457	5,105			40,843	61264	149	61264	

CONTRIBUTIONS-PUBLIC		5,105			40,843	61264	149	61264	

CONTRIBUTIONS-PRIVATE	3460								
CONTRIB-RAILROAD PROJE	3461								
CONTRIB-CHAUVET SQ.PRO	3469								

CONTRIBUTIONS-PRIVAT									

MISCELLANEOUS		5,105	1831	35	40,843	65494	160	61264	4230-
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			1,607,587			2411381	2411381

BEGINNING CASH BALANC		200,948			1,607,587			2411381	2411381

REVENUES		627,305	31806	5	5,018,440	1614396	32	7527660	5913264

6/02/17

.....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								
UMTA-MASS TRANS-OPER.C/	2340	43,577	31594	72	348,619	274230	78	522929	248699
UMTA-MASS TRANS-CAPTL.	2341	43,750			350,000	311554	89	525000	213446
UMTA-MASS TRANS-PLANNIN	2342								
UMTA-MASS TRANS-P/Y	2343								
UMTA-MASS TRANS-PREV.C/	2344	13,791	7648	55	110,333	108211	98	165500	57289
ARRA-MASS TRANS	2345								
JARC-MASS TRANS	2346	12,840			102,727	15841	15	154090	138249
TRANSIT FACILITY RENOV-	2347	41,037			328,302			492453	492453
	-----	-----	-----	----	-----	-----	----	-----	-----
FEDERAL GRANTS		154,997	39242	25	1,239,981	709836	57	1859972	1150136
STATE GRANTS	250B								
MDOT GRANT(PLANNING/CAP	2555								
	-----	-----	-----	----	-----	-----	----	-----	-----
STATE GRANTS									
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405	8	234	2925	67	573	855	100	473-
	-----	-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS		8	234	2925	67	573	855	100	473-
MASS TRANSIT CHARGES	3520								
BUS FARES-FIXED ROUTES	3525	3,750	2501	66	30,000	22907	76	45000	22093
BUS FARES-DEMAND RES-D	3527								
ADVERTISING	3535	250			2,000	968	48	3000	2032
MISC. CHARGES & FEES	3540								
	-----	-----	-----	----	-----	-----	----	-----	-----
MASS TRANSIT CHARGES		4,000	2501	62	32,000	23875	74	48000	24125
	-----	-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS		4,008	2735	68	32,067	24448	76	48100	23652
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F GENERAL FUND	3800 01	19,166			153,333	230000	150	230000	
T/F TAX COLLECTORS-GPT	3800 27	17,833	3480	19	142,667	201635	141	214000	12365
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR		37,000	3480	9	296,000	431635	145	444000	12365
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS		37,000	3480	9	296,000	431635	145	444000	12365
NON-REVENUE RECEIPTS	390A								
SALE OF EQUIPMENT	3940								
SALE OF SCRAP MATERIAL	3943								
VENDING COMM./REFUNDS	3964								
REFUND & RECOVERY	3965								
RECOVERY OF DAMAGE CLAI	3967								

NON-REVENUE RECEIPTS	-----	-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	27,543			220,346			330519	330519
	-----	-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC		27,543			220,346			330519	330519
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES		223,549	45458	20	1,788,394	1165920	65	2682591	1516671

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		CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
	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	794	317	2,000	5276	263	3000	2276-
-----				----	-----	-----	----	-----	-----
INTEREST EARNINGS		250	794	317	2,000	5276	263	3000	2276-
RENTS AND ROYALTIES	3410								
LAND	3411								
TRITELL COMMUNICATION	3411 12								
AT&T/CINGULAR(WTR WOR	3411 13								
SBA STRUCTURES (WM CA	3411 14	1,250			10,000	11074	110	15000	3926
CCATT HOLDINGS-WATER	3411 15	416			3,333	36473	1094	5000	31473-
AP WIRELESS INVESTMEN	3411 16	19,999			159,999	239998	149	239998	
-----				----	-----	-----	----	-----	-----
LAND		21,666			173,332	287545	165	259998	27547-
BUILDING	3412								
USM CELLULAR ONE RENT	3412 41								
TH INC MANAGEMENT(USM	3412 42								
VERIZON-USM WATER TAN	3412 43								
CELLULAR SOUTH(MULTI	3412 44								
-----		-----	-----	----	-----	-----	----	-----	-----
BUILDING									
-----		-----	-----	----	-----	-----	----	-----	-----
RENTS AND ROYALTIES		21,666			173,332	287545	165	259998	27547-
CONTRIBUTIONS-PRIVATE	3460								

CONTRIB-USA YEAST SWR	3461								

CONTRIBUTIONS-PRIVAT									

MISCELLANEOUS		21,916	794	3	175,332	292821	167	262998	29823-
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	594480	356	1,333,333	4457879	334	2000000	2457879-
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	594480	356	1,333,333	4457879	334	2000000	2457879-

TRANSFERS		166,666	594480	356	1,333,333	4457879	334	2000000	2457879-

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			3,386,865			5080298	5080298

BEGINNING CASH BALANC		423,358			3,386,865			5080298	5080298

REVENUES		611,941	595274	97	4,895,531	4750699	97	7343296	2592597

6/02/17

8 MONTHS ENDING 05/31/17

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
CHARGES FOR SERVICES	280A								
CULTURE AND RECREATION	3100								
SAENGER RESTORA/MAINT	3125								
SAENGER CONCESSIONS	3132								
GIFT SHOP CONCESSIONS	3135								
TCKT MASTER/IN-HOUSE P	3136								
MCNAIR REC CTR USE FE	3140	89	175	196	717	1100	153	1075	25-
SIGLER CENTER USE FEE	3141	337	423	125	2,703	3328	123	4055	727
C.E.ROY/5TH ST.C.C.USE	3142	630	945	150	5,041	5099	101	7561	2462
JDS C.C. USE FEE	3143	688	968	140	5,511	13421	243	8267	5154-
SAENGER THEATER USE FE	3144								
CULTURAL CTR USE FEE	3146	375	500	133	3,000	5900	196	4500	1400-
N R BURGER/6TH ST CC U	3148								
		-----	-----	----	-----	-----	----	-----	-----
CULTURE AND RECREATI		2,121	3011	141	16,972	28848	169	25458	3390-
		-----	-----	----	-----	-----	----	-----	-----
CHARGES FOR SERVICES		2,121	3011	141	16,972	28848	169	25458	3390-
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSI	3402								
SAVINGS ACCOUNT/MMA	3405	20	72	360	167	450	269	250	200-
		-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS		20	72	360	167	450	269	250	200-
RENTS AND ROYALTIES	3410								
EQUIPMENT	3419								
		-----	-----	----	-----	-----	----	-----	-----
RENTS AND ROYALTIES									
CONTRIBUTIONS-PUBLIC	3450								
CONTRIBUTIONS-FORREST	3455								
		-----	-----	----	-----	-----	----	-----	-----
CONTRIBUTIONS-PUBLIC									
CONTRIBUTIONS-PRIVATE	3460								
		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS		20	72	360	167	450	269	250	200-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F GENERAL FUND	3800 01	82,500			660,000	500000	75	990000	490000
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR		82,500			660,000	500000	75	990000	490000
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS		82,500			660,000	500000	75	990000	490000
NON-REVENUE RECEIPTS	390A								
COMMISSIONS-TCKTS/CONCE	3963								
REFUND & RECOVERY	3965	50			400	150-	37	600	750
RECOVERY OF DAMAGE CLAI	3967								

NON-REVENUE RECEIPTS	-----	-----	-----	----	-----	-----	----	-----	-----
		50			400	150-	37	600	750
BEGINNING CASH BALANCE 399A									
APPROPRIABLE FUND BALAN 3999	-----	-----	-----	----	-----	-----	----	-----	-----
		36,603			292,826			439239	439239
BEGINNING CASH BALANC	-----	-----	-----	----	-----	-----	----	-----	-----
		36,603			292,826			439239	439239
REVENUES	-----	-----	-----	----	-----	-----	----	-----	-----
		121,295	3083	2	970,365	529148	54	1455547	926399

6/02/17

.....CURRENT.....			YEAR-TO-DATE.....		
ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV

UNREALIZED
BALANCE[illegible]

CDBG-ENT.-NEIGHBORHD G	2391	NG						

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						
CDBG-ENT.-HOUSING PROG	2427	HP	710			710		710-
CDBG-ENT.-MICROENT PRO	2427	MA						
CDBG-ENT.-PROJECT DELI	2427	PD						
CDBG-ENT.-PUBLIC SERVI	2427	PS						

CDBG-ENTITLEMENT-201			710			710		710-
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		20000-

HOME ENTITLEMENT-201			20000			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			30,275	56625	187	45413	11212-
HOME ENTIT-DOWNPAYMENT	2430	DA								
HOME ENTIT-HOUSING PRO	2430	HP								

HOME ENTITLEMENT-201			3,784			30,275	56625	187	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	2542	22	91,342	19384	21	137013	117629
HOME ENTIT-CHDO SETASI	2432	CHDOSA								
HOME ENTIT-DWNPYMT AS	2432	DA	2,167	6159-	284	17,339	32111	185	26009	6102-
HOME ENTIT-HOUSING PRO	2432	HP	18,150	38730	213	145,205	41701	28	217807	176106

HOME ENTITLEMENT-201			31,735	35113	110	253,886	93196	36	380829	287633
CDBG-ENTITLEMENT-2015	2433									
CDBG-ENT.-ADMINISTRATI	2433	ADM	33,446	10836	32	267,569	82774	30	401354	318580
CDBG-ENT.-DEMOLITION	2433	DEM								
CDBG-ENT.-FACADE PROG	2433	FAC								
CDBG-ENT.-HOMELESS/SP	2433	HL/SP	10,005			80,044	120066	150	120066	
CDBG-ENT.-HOUSING PROG	2433	HP	41,437	2900	6	331,502	163715	49	497253	333538
CDBG-ENT.-MICRO ENTERP	2433	ME	193	3013	1561	1,546	5331	344	2319	3012-
CDBG-ENT.-PROJECT DELI	2433	PD	6,408	15000	234	51,264	91896	179	76896	15000-
CDBG-ENT.-PUBLIC FACIL	2433	PFI	980	2069	211	7,843	13833	176	11764	2069-
CDBG-ENT.-PUBLIC SERVI	2433	PS		940			940			940-

CDBG-ENTITLEMENT-201			92,471	34758	37	739,768	478556	64	1109652	631096
HOME REVOLVING LOANS	2495									
MDA AM DREAM D/P (ADDI)	2497									
MISCELLANEOUS GRANTS	2740									
SALVATION ARMY	2740	04								
SAVINGS ACCOUNT/MMA	3405		2	3	150	17	17	100	25	8

MISCELLANEOUS GRANTS			2	3	150	17	17	100	25	8

FEDERAL GRANTS		127,993	90584	70	1,023,946	649104	63	1535919	886815
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			137,003			205504-	205504-
-----		-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC		17,125			137,003			205504-	205504-
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REVENUES		110,867	90584	81	886,943	649104	73	1330415	681311

ALL FUNDS

8 MONTHS ENDING 05/31/17

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED 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		66			545			545-
TREASURY NOTES	3409								
INTEREST EARNINGS			66			545			545-
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		50000			200000			200000-
CONTRIBUTIONS-CITY	3456					100000			100000-
CONTRIBUTIONS-ADP	3457								
CONTRIBUTIONS-PRVEPA	3458								
CONTRIBUTIONS-PUBLIC			50000			300000			300000-
MISCELLANEOUS			50066			574756			574756-

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			50066		575756			575756-

088088 - PUBLIC SAFETY/REC CONSTRUCTION

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

	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			16,666,667	5351142	32	25000000	19648858
ACCRUED INTEREST	3915								
SALE OF BONDS		2,083,333			16,666,667	5351142	32	25000000	19648858
NON-REVENUE RECEIPTS		2,083,333			16,666,667	5351142	32	25000000	19648858
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999								
BEGINNING CASH BALANCE									
REVENUES		2,083,333			16,666,667	5351142	32	25000000	19648858

ALL FUNDS

8 MONTHS ENDING 05/31/17

	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			1,623,825			2435738	2435738
BEGINNING CASH BALANCE		202,978			1,623,825			2435738	2435738
REVENUES		202,978			1,623,825			2435738	2435738

6/02/17

.....CURRENT.....			YEAR-TO-DATE.....		
ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV

UNREALIZED
BALANCE[illegible]

091091 - TIF CONST-REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

	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			22			22-
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								
INTEREST EARNINGS			1			22			22-
MISCELLANEOUS			1			22			22-
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			22			22-

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

	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		7694			12525			12525-
OTHER INTEREST	3407								
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								
	-----	-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			7694			12525			12525-
	-----	-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			7694			12525			12525-
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			7694			25012525			25012525-

ALL FUNDS

8 MONTHS ENDING 05/31/17

	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			14,163			21244	21244
BEGINNING CASH BALANCE		1,770			14,163			21244	21244
REVENUES		1,770			14,163			21244	21244

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

	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 OTHR FND	3800								
T/F GENERAL FUND	3800 01								
TRANSFERS FROM OTHR									
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			49			73	73
BEGINNING CASH BALANCE		6			49			73	73

6/02/17

ALL FUNDS

[illegible]

6/02/17

	OBJ/SUB	CURRENT	YEAR-TO-DATE	ANNUAL	UNREALIZED
		ESTIMATED	ACTUAL	%REV	BALANCE
REVENUES	200				
INTER-GOVERNMNTL REVENUE	230A				
STATE GRANTS	250B				
ZOO IMPROVEMENTS	2560				
STATE GRANTS					
CHARGES FOR SERVICES	280A				
CULTURE AND RECREATION	3100				
KPZ SPECIAL EVENTS	3127				
LION/TIGER FUND RAISE	3127 01				
TODDLER CLASS	3127 02				
ZOO CAMP	3127 03				
KPZ SPECIAL EVENTS					
CULTURE AND RECREATI					
CHARGES FOR SERVICES					
MISCELLANEOUS	340A				
INTEREST EARNINGS	3400				
CERTIFICATES OF DEPOSI	3402				
DIVIDENDS	3404				
SAVINGS ACCOUNT/MMA	3405			2	2-
INTEREST EARNINGS				2	2-
CONTRIBUTIONS-PUBLIC	3450				
CONTRIBUTIONS-FORREST	3455				
CONTRIBUTIONS-PUBLIC					
CONTRIBUTIONS-PRIVATE	3460				
CONTRIB-H'BURG. CONV.	3465				
CONTRIB-CEMETERY PROJ	3467				
CONTRIB-PKS/REC. PROJ	3468				
CONTRIB-OTHER	3469				
CONTRIBUTIONS-PRIVAT					
GAIN ON SALE OF INVESTM	3550				
MISCELLANEOUS				2	2-
TRANSFERS	380A				
TRANSFERS FROM OTHR FND	3800				
T/F GENERAL FUND	3800 01				
TRANSFERS FROM OTHR					
TRANSFERS					

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							
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BEGINNING CASH BALANC								
-----		-----	-----	-----	-----	-----	-----	-----
REVENUES						2		2-

6/02/17

.....CURRENT.....			YEAR-TO-DATE.....		
ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV

ANNUAL
ESTIMATEUNREALIZED
BALANCE[illegible]

ALL FUNDS

8 MONTHS ENDING 05/31/17

	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		247			2961			2961-
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								
T/F 2012 W&S BOND CONS	3800 94								
INTEREST EARNINGS			247			2961			2961-
MISCELLANEOUS			247			2961			2961-
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			1,543,841			2315762	2315762
BEGINNING CASH BALANCE		192,980			1,543,841			2315762	2315762
REVENUES		192,980	247		1,543,841	2961		2315762	2312801

107107 - SPEC.SALES TAX REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
STATE-SHARED REVENUE	260B								
SALES TAX-MOTEL	2605		74226			435205			435205-
SALES TAX-FOOD & BEVERA	2607		469044			3328780			3328780-
	-----	-----	-----	----	-----	-----	----	-----	-----
STATE-SHARED REVENUE			543270			3763985			3763985-
NON-REVENUE RECEIPTS	390A								
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES			543270			3763985			3763985-

109109 - GROUP INS.TRUST REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

6/02/17

ALL FUNDS

8 MONTHS ENDING 05/31/17

	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		35			287			287-
	-----	-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNING			35			287			287-
	-----	-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			35			287			287-
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		385583			3503760			3503760-
HOSP.INS.-COBRA	3966 01					11959			11959-
	-----	-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS			385583			3515718			3515718-
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES			385618			3516005			3516005-

001003 - GENERAL FUND-CITY COUNCIL

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES									
15054	REGULAR WAGES 4000	197000		114707	82293	66.6	58.2	24,939-	12.6-
	DISASTER RECOVERY WAGE 4010								
	OVERTIME 4300	100			100	66.6		100-	100.0-
	DISASTER RECOVERY OVER 4310								
15054	SALARIES	197100		114707	82393	66.6	58.1	25,039-	12.7-
EMPLOYEE BENEFITS									
2371	STATE RETIREMENT 4600	31043		18066	12977	66.6	58.1	3,943-	12.7-
1115	F.I.C.A. TAXES 4700	15079		8484	6595	66.6	56.2	2,353-	15.6-
3500	HOSPITALIZATION INS. 4800	52800		33400	19400	66.6	63.2	2,700-	5.1-
	UNEMPLOYMENT BENEFITS 4900	500			500	66.6		500-	100.0-
	WORKMAN'S COMPENSATION 4910	524			524	66.6		524-	100.0-
6986	EMPLOYEE BENEFITS	99946		59951	39995	66.6	59.9	10,019-	10.0-
22040	PERSONAL SERVICES	297046		174658	122388	66.6	58.7	35,058-	11.8-
OFFICE SUPPLIES									
	PAPER 5003								
	PRINTED FORMS 5005								
278	OTHER EXPENDABLE OFF.S 5010	1500		643	857	66.6	42.8	535-	35.6-
	MINOR OFFICE EQUIP/FUR 5020	300			300-	66.6		300-	100.0-
	PHOTO SUPPLIES 5040								
	SUBSCRIPTIONS,MAGS,MAP 5050								
	BOOKS 5070	400			400	66.6		400-	100.0-
	COMPUTER SUPPLIES 5080	1100		878	222	66.6	79.8	217	19.7
278	OFFICE SUPPLIES	2700		1521	1179	66.6	56.3	418-	15.4-
OPERATING SUPPLIES									
	CLEANING/JANITORIAL SP 5100								
	HOUSEHOLD SUPPLIES 5110								
	FOOD 5115	400		306	94	66.6	76.5	59	14.7
	MINOR EQUIPMENT 5460	300		150	150	66.6	50.0	74-	24.6-
	OTHER OPERATING MATL/S 5590								
	OPERATING SUPPLIES	700		456	244	66.6	65.1	16-	2.2-
REPAIR & MAINTENANCE SP									
	BUILDING MATERIALS & S 5600								
	MTR VEHICLE REP. PTS/S 5700								
	OTHER REPAIR/MAINT. SP 5990								
	REPAIR & MAINTENANCE								

278	SUPPLIES AND EXPENSES	3400	1977	1423	66.6	58.1	434-	12.7-
	PROFESSIONAL SERVICES							
30000	AUDITING AND ACCOUNTIN 6010	100000	98560	1440	66.6	98.5	47,840	47.8
	ARCHITECTURAL 6012							
	ENTERTAINMENT 6033							
	DATA PROCESSING 6035							
	OTHER PROFESSIONAL SER 6049							
30000	PROFESSIONAL SERVICE	100000	98560	1440	66.6	98.5	47,840	47.8
	COMMUNICATIONS							
360	TELEPHONE AND TELEGRAP 6060	1500	984	516	66.6	65.6	24-	1.6-
	POSTAGE 6070							
360	COMMUNICATIONS	1500	984	516	66.6	65.6	24-	1.6-
	TRANSPORTATION							
	TRAVEL EXPENSE 6110							
	TRAVEL EXP-CLERK 6110 CLERK	3850	1168	2682	66.6	30.3	2,098-	54.4-
87	TRAVEL EXP-DEPCLERK 6110 DEPCLE	2000	293-	2293	66.6	14.6	1,560-	78.0-
	TRAVEL EXP-WARD 1 6110 WARD1	2000		2000	66.6		2,000-	100.0-
	TRAVEL EXP-WARD 2 6110 WARD2	2114	2114		66.6	100.0	1,057	50.0
	TRAVEL EXP-WARD 3 6110 WARD3	2000		2000	66.6		2,000-	100.0-
	TRAVEL EXP-WARD 4 6110 WARD4	2000		2000	66.6		2,000-	100.0-
	TRAVEL EXP-WARD 5 6110 WARD5	2000	250	399	66.6	19.9	1,401-	70.0-
87	TRAVEL EXPENSE	15964	250	3388	66.6	21.2	10,882-	68.1-
	FREIGHT 6120							
	MESSENGER/EXPRESS SERV 6130	100	18	82	66.6	18.0	72-	72.0-
87	TRANSPORTATION	16064	250	3406	66.6	21.2	10,954-	68.1-
	ADVERTISING							
	ADVERTISING 6150							
	ORDINANCE EXPENSE 6160							
	ADVERTISING							
	PRINTING AND BINDING							
	PRINTING 6200							
	BINDING 6205							
	FILM PROCESSING 6240							
	PRINTING AND BINDING							
	INSURANCE							
	PUBLIC LIAB/PROPERTY D 6255							
	SURETY AND FORGERY BON 6270	2100		2100	66.6		2,100-	100.0-
	OTHER INSURANCE 6299							
	INSURANCE	2100		2100	66.6		2,100-	100.0-
	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	1000	-----	-----	1000	66.6	-----	1,000-	100.0-
-----	REPR/MAINT-OUTSIDE L	1000	-----	-----	1000	66.6	-----	1,000-	100.0-
	RENTALS								
	OFFICE EQUIPMENT RENT 6410								
-----	OTHER RENT 6449	-----	-----	-----	-----	-----	-----	-----	-----
	RENTALS								
	OTHER SERVICES & CHARGE								
	EXHIBITIONS & PROMOTIO 6500	2500			2500	66.6		2,500-	100.0-
	DUES AND MEMBERSHIPS 6840	790		370	420	66.6	46.8	234-	29.6-
	REGISTRATION FEE/TUITI 6845								
	REG FEE/TUITION-CLERK 6845 CLERK	1650		1610	40	66.6	97.5	765	46.3
150	REG FEE/TUITION-DEPCL 6845 DEPCLE	1000		500	500	66.6	50.0	250-	25.0-
	REG FEE/TUITION-WARD 6845 WARD1	1000			1000	66.6		1,000-	100.0-
	REG FEE/TUITION-WARD 6845 WARD2	886		886		66.6	100.0	443	50.0
	REG FEE/TUITION-WARD 6845 WARD3	1000			1000	66.6		1,000-	100.0-
	REG FEE/TUITION-WARD 6845 WARD4	1000			1000	66.6		1,000-	100.0-
	REG FEE/TUITION-WARD 6845 WARD5	1000			1000	66.6		1,000-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----	-----
150	REGISTRATION FEE/TU	7536		2996	4540	66.6	39.7	3,042-	40.3-
	SERVICES NOT SPECIFIED 6999								
-----		-----	-----	-----	-----	-----	-----	-----	-----
150	OTHER SERVICES & CHA	10826		3366	7460	66.6	31.0	5,776-	53.3-
-----		-----	-----	-----	-----	-----	-----	-----	-----
30597	OTHER SERVICES & CHAR	131490	250	106316	24924	66.6	80.8	27,984	21.2
	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								
-----		-----	-----	-----	-----	-----	-----	-----	-----
52916	EXPENDITURES	431936	250	282951	148735	66.6	65.5	7,509-	1.7-

001015 - GENERAL FUND-CITY COURT

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	PERCENT ACTUAL	PROJECTED.... OVER/UNDER	%
<u>SALARIES</u>									
50045	REGULAR WAGES 4000	842957		395026	447931	66.6	46.8	250,417-	29.7-
	DISASTER RECOVERY WAGE 4010								
893	OVERTIME 4300	15000		8582	6418	66.6	57.2	2,126-	14.1-
	DISASTER RECOVERY OVER 4310								
<u>-----</u>									
50938	SALARIES	857957		403608	454349	66.6	47.0	252,545-	29.4-
<u>EMPLOYEE BENEFITS</u>									
8023	STATE RETIREMENT 4600	135130		63568	71562	66.6	47.0	39,778-	29.4-
3729	F.I.C.A. TAXES 4700	62168		29676	32492	66.6	47.7	17,654-	28.3-
7505	HOSPITALIZATION INS. 4800	142100		86060	56040	66.6	60.5	13,010-	9.1-
	UNEMPLOYMENT BENEFITS 4900	3984		3984	1	66.6	100.0	1,992	50.0
	WORKMAN'S COMPENSATION 4910	1740			1740	66.6		1,740-	100.0-
<u>-----</u>									
19257	EMPLOYEE BENEFITS	345122		183287	161835	66.6	53.1	70,191-	20.3-
<u>-----</u>									
70195	PERSONAL SERVICES	1203079		586895	616184	66.6	48.7	322,736-	26.8-
<u>OFFICE SUPPLIES</u>									
	PAPER 5003	4000	840	1596	1564	66.6	39.9	1,606-	40.1-
	PRINTED FORMS 5005	100		6	94	66.6	6.0	90-	90.0-
371-	OTHER EXPENDABLE OFF.S 5010	8500	1,039	6204	1256	66.6	72.9	806	9.4
300-	MINOR OFFICE EQUIP/FUR 5020	10100	100	3922	6078	66.6	38.8	4,216-	41.7-
	MICROFILM SUPPLIES 5030	100			100	66.6		100-	100.0-
	SUBSCRIPTIONS,MAGS,MAP 5050								
	BOOKS 5070								
	COMPUTER SUPPLIES 5080	3500		1429	2071	66.6	40.8	1,356-	38.7-
<u>-----</u>									
671-	OFFICE SUPPLIES	26300	1,979	13158	11163	66.6	50.0	6,562-	24.9-
<u>OPERATING SUPPLIES</u>									
49	FOOD 5115	800	77	400	323	66.6	50.0	200-	25.0-
	GAS AND OIL 5250	7720			7720	66.6		7,720-	100.0-
	WEARING APPAREL 5355	200		42	158	66.6	21.0	136-	68.0-
	MINOR EQUIPMENT 5460	7100	80	1382	5638	66.6	19.4	5,026-	70.7-
	OTHER OPERATING MATL/S 5590								
	OTHER OPER.MATL-JAIL G 5591								
<u>-----</u>									
49	OPERATING SUPPLIES	15820	157	1825	13838	66.6	11.5	13,082-	82.6-
<u>REPAIR & MAINTENANCE SP</u>									
	BUILDING MATERIALS & S 5600	2000		1801	199	66.6	90.0	701	35.0
	MTR VEHICLE REP. PTS/S 5700								
<u>-----</u>									
	REPAIR & MAINTENANCE	2000		1801	199	66.6	90.0	701	35.0
<u>-----</u>									

622-	SUPPLIES AND EXPENSES	44120	2,136	16784	25200	66.6	38.0	18,944-	42.9-
	PROFESSIONAL SERVICES								
	CONSULTANT SERV/SURVEY 6020								
	LEGAL 6025	15313		2409	12904	66.6	15.7	11,699-	76.3-
	DATA PROCESSING 6035								
	MICROFILM PROCESSING 6037								
	OTHER PROF-JAIL DIV GR 6048	10000		13222	3222-	66.6	132.2	9,833	98.3
6370	OTHER PROFESSIONAL SER 6049	136296		80982	55314	66.6	59.4	14,822-	10.8-
	OTHER PROF-TECHNOLOGY 6049 01	98551		73749	24802	66.6	74.8	12,072	12.2
6370	OTHER PROFESSIONAL	234847		154731	80116	66.6	65.8	2,750-	1.1-
6370	PROFESSIONAL SERVICE	260160		170362	89798	66.6	65.4	4,616-	1.7-
	COMMUNICATIONS								
503	TELEPHONE AND TELEGRAP 6060	3000		2773	227	66.6	92.4	1,159	38.6
	POSTAGE 6070								
503	COMMUNICATIONS	3000		2773	227	66.6	92.4	1,159	38.6
	TRANSPORTATION								
	TRAVEL EXPENSE 6110	9900		6703	3197	66.6	67.7	154	1.5
	TRVL-JAIL DIVERSN GRAN 6118								
	FREIGHT 6120								
	MESSENGER/EXPRESS SERV 6130								
	TRANSPORTATION	9900		6703	3197	66.6	67.7	154	1.5
	ADVERTISING								
	ADVERTISING 6150								
	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING 6200	4000	1,238	1594	1169	66.6	39.8	1,608-	40.2-
	BINDING 6205								
	PRINTING AND BINDING	4000	1,238	1594	1169	66.6	39.8	1,608-	40.2-
	INSURANCE								
13	SURETY AND FORGERY BON 6270								
	GAS 6300	3000		967	2033	66.6	32.2	1,549-	51.6-
1157	ELECTRICITY 6305			6992	6992-			10,488	
1170	INSURANCE	3000		7959	4959-	66.6	265.3	8,938	297.9
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350	8184		2584	5600	66.6	31.5	4,308-	52.6-
	OFFICE EQUIPMENT R&M 6365	1000		75	925	66.6	7.5	887-	88.7-
	REPR/MAINT-OUTSIDE L	9184		2659	6525	66.6	28.9	5,195-	56.5-
	RENTALS								
168	OFFICE EQUIPMENT RENT 6410	10000		2760	7240	66.6	27.6	5,860-	58.6-
	OTHER RENT 6449								
168	RENTALS	10000		2760	7240	66.6	27.6	5,860-	58.6-
	OTHER SERVICES & CHARGE								

	COURT COSTS	6710								
	REFUNDS	6835								
	POLICE FINE REFUNDS	6835 PF								
-----			-----	-----	-----	-----	-----	-----	-----	
	REFUNDS									
	DUES AND MEMBERSHIPS	6840	800		287	513	66.6	35.8	369-	46.1-
235	REGISTRATION FEE/TUITI	6845	2200		2152	48	66.6	97.8	1,028	46.7
	SERVICES NOT SPECIFIED	6999								
-----			-----	-----	-----	-----	-----	-----	-----	-----
235	OTHER SERVICES & CHA		3000		2439	561	66.6	81.3	658	21.9
-----			-----	-----	-----	-----	-----	-----	-----	-----
8446	OTHER SERVICES & CHAR		302244	1,238	197249	103758	66.6	65.2	6,370-	2.1-
	MACHINERY AND EQUIPMENT									
	OFFICE FURN/EQUIP.	7325								
	DATA PROCESSING EQUIP.	7327								
	OTHER EQUIPMENT	7399								
-----			-----	-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPM									
-----			-----	-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY									
-----			-----	-----	-----	-----	-----	-----	-----	-----
78019	EXPENDITURES		1549443	3,374	800927	745142	66.6	51.6	348,052-	22.4-

001020 - GENERAL FUND-MAYOR/ADMIN.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES									
33115	REGULAR WAGES 4000	434716		261588	173128	66.6	60.1	42,334-	9.7-
	DISASTER RECOVERY WAGE 4010			3187	3187-			4,780	
	OVERTIME 4300	1000		843	157	66.6	84.3	264	26.4
	DISASTER RECOVERY OVER 4310			1730	1730-			2,595	
33115	SALARIES	435716		267349	168367	66.6	61.3	34,692-	7.9-
EMPLOYEE BENEFITS									
5216	STATE RETIREMENT 4600	68625		42108	26517	66.6	61.3	5,463-	7.9-
2452	F.I.C.A. TAXES 4700	33332		19911	13421	66.6	59.7	3,465-	10.3-
4500	HOSPITALIZATION INS. 4800	59400		38200	21200	66.6	64.3	2,100-	3.5-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	66.6		500-	100.0-
	WORKMAN'S COMPENSATION 4910	5039		5039	5039	66.6		5,039-	100.0-
12168	EMPLOYEE BENEFITS	166896		100219	66677	66.6	60.0	16,567-	9.9-
45282	PERSONAL SERVICES	602612		367567	235045	66.6	60.9	51,261-	8.5-
OFFICE SUPPLIES									
	PAPER 5003	500		399	101	66.6	79.8	98	19.6
	PRINTED FORMS 5005								
110	OTHER EXPENDABLE OFF.S 5010	3367	300	776	2291	66.6	23.0	2,203-	65.4-
	MINOR OFFICE EQUIP/FUR 5020	1745		974	771	66.6	55.8	283-	16.2-
	PHOTO SUPPLIES 5040								
32	SUBSCRIPTIONS,MAGS,MAP 5050	941		846	95	66.6	89.9	328	34.8
	BOOKS 5070	500		500	500	66.6		500-	100.0-
	COMPUTER SUPPLIES 5080	1976		1959	17	66.6	99.1	962	48.6
142	OFFICE SUPPLIES	9029	300	4953	3776	66.6	54.8	1,599-	17.7-
OPERATING SUPPLIES									
	CLEANING/JANITORIAL SP 5100								
	HOUSEHOLD SUPPLIES 5110								
71	FOOD 5115	2275		1313	962	66.6	57.7	305-	13.4-
294	GAS AND OIL 5250	3900		2273	1627	66.6	58.2	490-	12.5-
	LUBRICANTS 5255								
	MINOR EQUIPMENT 5460								
	OTHER OPERATING MATL/S 5590	500		66	434	66.6	13.2	400-	80.0-
	OTHER OPER.MATL-NLC HE 5591								
365	OPERATING SUPPLIES	6675		3651	3024	66.6	54.6	1,198-	17.9-
REPAIR & MAINTENANCE SP									
	MTR VEHICLE REP. PTS/S 5700	750		341	409	66.6	45.4	238-	31.7-
	COMMUNICATION REPAIR P 5750								
	OTHER REPAIR/MAINT. SP 5990	320		20	300	66.6	6.2	290-	90.6-

	DISASTER REPAIR SUPPLI	5995	271		270	1	66.6	99.6	134	49.4
	REPAIR & MAINTENANCE		1341		631	710	66.6	47.0	394	29.3
507	SUPPLIES AND EXPENSES		17045	300	9236	7509	66.6	54.1	3,191	18.7
	PROFESSIONAL SERVICES									
	APPRAISAL	6017								
	CONSULTANT SERV/SURVEY	6020								
	ENTERTAINMENT	6033								
	OTHER PROFESSIONAL SER	6049								
	OTHER PROF SERV-NLC HE	6049 98	144		144		66.6	100.0	72	50.0
	PROFESSIONAL SERVICE		144		144		66.6	100.0	72	50.0
	COMMUNICATIONS									
1789	TELEPHONE AND TELEGRAP	6060	5231	65	4980	186	66.6	95.2	2,239	42.8
	POSTAGE	6070								
1789	COMMUNICATIONS		5231	65	4980	186	66.6	95.2	2,239	42.8
	TRANSPORTATION									
197	TRAVEL EXPENSE	6110	25800		7962	17838	66.6	30.8	13,856	53.7
26	FREIGHT	6120	150		49	101	66.6	32.6	76	50.6
	MESSENGER/EXPRESS SERV	6130								
223	TRANSPORTATION		25950		8011	17939	66.6	30.8	13,933	53.6
	ADVERTISING									
5636	ADVERTISING	6150	26045	3,018	10701	12327	66.6	41.0	9,993	38.3
	ADVERTISING-BC HEALTHY	6151								
	ADVERTISING-SPEC. EVEN	6152								
	ADVERTISING-MAYOR'S YO	6153	10000		5732	4268	66.6	57.3	1,402	14.0
	ADVERTISING-USM-ISP	6156	28000		28000		66.6	100.0	14,000	50.0
	ADVERTISING-WILLIAM CA	6157	7000			7000	66.6		7,000	100.0
	ADVERTISING-MS ASSC OF	6158								
5636	ADVERTISING		71045	3,018	44432	23595	66.6	62.5	4,397	6.1
	PRINTING AND BINDING									
116	PRINTING	6200	1500		646	854	66.6	43.0	530	35.3
	BINDING	6205								
	BLUELINES	6210								
	FILM PROCESSING	6240								
116	PRINTING AND BINDING		1500		646	854	66.6	43.0	530	35.3
	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		66.6	100.0	100	50.0
235	OFFICE EQUIPMENT R&M	6365	5000		1959	3041	66.6	39.1	2,061	41.2

	HOUSEHOLD EQUIPMENT R&	6370							
	MINOR EQUIPMENT R&M	6382							
	MOTOR VEHICLE EQ. R&M	6384	1375		1375	66.6		1,375-	100.0-
	COMMUNICATION EQ. R&M	6390							
	OTHER REPAIRS AND MAIN	6399							
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235	REPR/MAINT-OUTSIDE L		6575		2159	4416	66.6 32.8	3,336-	50.7-
	RENTALS								
	OFFICE EQUIPMENT RENT	6410							
	OTHER RENT	6449							
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	RENTALS								
	OTHER SERVICES & CHARGE								
	LATE PAYMENT CHARGE	6705							
1270	DUES AND MEMBERSHIPS	6840	3000		485	2515	66.6 16.1	2,272-	75.7-
	REGISTRATION FEE/TUITI	6845	6000		3480	2520	66.6 58.0	780-	13.0-
	SERVICES NOT SPECIFIED	6999							
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1270	OTHER SERVICES & CHA		9000		3965	5035	66.6 44.0	3,052-	33.9-
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9269	OTHER SERVICES & CHAR		119445	3,083	64338	52024	66.6 53.8	22,937-	19.2-
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	IMPROVEMENT OTHER THAN								
	OTHER IMPROVEMENTS	7295							
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	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	HOUSEHOLD FURN/EQUIP.	7320							
	OFFICE FURN/EQUIP.	7325	2000			2000	66.6	2,000-	100.0-
	DATA PROCESSING EQUIP.	7327							
	COMMUNICATION EQUIPMEN	7355							
	OTHER EQUIPMENT	7399	3396		1696	1700	66.6 49.9	852-	25.0-
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	MACHINERY AND EQUIPM		5396		1696	3700	66.6 31.4	2,852-	52.8-
	VEHICLES								
	AUTOMOBILES	7400							
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	VEHICLES								
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	CAPITAL OUTLAY		5396		1696	3700	66.6 31.4	2,852-	52.8-
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55059	EXPENDITURES		744498	3,383	442837	298278	66.6 59.4	80,242-	10.7-

001030 - GENERAL FUND-ELECTIONS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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							
371	OTHER EXPENDABLE OFF.S 5010	800	200	462	138	66.6 57.7	106-	13.2-
371	OFFICE SUPPLIES	800	200	462	138	66.6 57.7	106-	13.2-
OPERATING SUPPLIES								
	MINOR EQUIPMENT 5460							
	OTHER OPERATING MATL/S 5590	2400		2175	225	66.6 90.6	862	35.9
	OPERATING SUPPLIES	2400		2175	225	66.6 90.6	862	35.9
REPAIR & MAINTENANCE SP								
	OTHER REPAIR/MAINT. SP 5990							
REPAIR & MAINTENANCE								
371	SUPPLIES AND EXPENSES	3200	200	2637	363	66.6 82.4	755	23.5
PROFESSIONAL SERVICES								
	LEGAL 6025							
	DATA PROCESSING 6035							
	OTHER PROFESSIONAL SER 6049							
PROFESSIONAL SERVICE								
COMMUNICATIONS								
6865	POSTAGE 6070	7180		6865	315	66.6 95.6	3,117	43.4
6865	COMMUNICATIONS	7180		6865	315	66.6 95.6	3,117	43.4

	TRANSPORTATION								
	FREIGHT	6120	235		233	2	66.6	99.1	114 48.5
	MESSENGER/EXPRESS SERV	6130	500			500	66.6		500- 100.0-
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	TRANSPORTATION		735		233	502	66.6	31.7	385- 52.3-
	ADVERTISING								
	ADVERTISING	6150							
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	ADVERTISING								
	PRINTING AND BINDING								
45	PRINTING	6200	6085	2,158	3922	5	66.6	64.4	201- 3.3-
	BINDING	6205							
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45	PRINTING AND BINDING		6085	2,158	3922	5	66.6	64.4	201- 3.3-
	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								
15776	SERVICES NOT SPECIFIED	6999	50000		15776	34224	66.6	31.5	26,336- 52.6-
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15776	OTHER SERVICES & CHA		50000		15776	34224	66.6	31.5	26,336- 52.6-
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22686	OTHER SERVICES & CHAR		64000	2,158	26796	35046	66.6	41.8	23,806- 37.1-
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	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP.	7325							
	OTHER EQUIPMENT	7399							
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	MACHINERY AND EQUIPM								
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	CAPITAL OUTLAY								
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23056	EXPENDITURES		67200	2,358	29433	35409	66.6	43.7	23,050- 34.3-

CITY OF HATTIESBURG
EXPENDITURE REPORT

8 Months Ending 05/31/17

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%

	MICROFILM PROCESSING	6037							
	OTHER PROFESSIONAL SER	6049	500	375	125	66.6		500-	100.0-
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	PROFESSIONAL SERVICE		500	375	125	66.6		500-	100.0-
	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP	6060							
	POSTAGE	6070							
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	COMMUNICATIONS								
	TRANSPORTATION								
	TRAVEL EXPENSE	6110							
	FREIGHT	6120							
	MESSENGER/EXPRESS SERV	6130	75		75	66.6		75-	100.0-
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	TRANSPORTATION		75		75	66.6		75-	100.0-
	ADVERTISING								
	ADVERTISING	6150	19500	12164	7336	66.6	62.3	1,254-	6.4-
	ORDINANCE EXPENSE	6160	3000		3000	66.6		3,000-	100.0-
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	ADVERTISING		22500	12164	10336	66.6	54.0	4,254-	18.9-
	PRINTING AND BINDING								
	PRINTING	6200	1600		1600	66.6		1,600-	100.0-
	BINDING	6205							
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	PRINTING AND BINDING		1600		1600	66.6		1,600-	100.0-
	INSURANCE								
	SURETY AND FORGERY BON	6270							
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	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
452	OFFICE EQUIPMENT R&M	6365	1614	452	1162	66.6	28.0	936-	57.9-
	DISINFECT./EXTERMINATI	6394	1000	325	675	66.6	32.5	512-	51.2-
	OTHER REPAIRS AND MAIN	6399							
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452	REPR/MAINT-OUTSIDE L		2614	777	1837	66.6	29.7	1,448-	55.3-
	RENTALS								
	OFFICE EQUIPMENT RENT	6410							
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	RENTALS								
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS	6840							
	REGISTRATION FEE/TUITI	6845	900		900	66.6		900-	100.0-
	SERVICES NOT SPECIFIED	6999	1000	3	998	66.6	.3	995-	99.5-
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	OTHER SERVICES & CHA		1900	3	1898	66.6	.1	1,895-	99.7-
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452	OTHER SERVICES & CHAR		29189	375	12943	66.6	44.3	9,774-	33.4-
	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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9953	EXPENDITURES	190675	384	113635	76656	66.6	59.5	20,222-	10.6-

001041 - GENERAL FUND-TAX DIVISION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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						
	MICROFILM SUPPLIES	5030						
	SUBSCRIPTIONS,MAGS,MAP	5050						
	MAPS FOR RESALE	5060						
	BOOKS	5070						
	COMPUTER SUPPLIES	5080						

OFFICE SUPPLIES								
OPERATING SUPPLIES								
	GAS AND OIL	5250						
	LUBRICANTS	5255						
	MINOR EQUIPMENT	5460						
	OTHER OPERATING MATL/S	5590						

OPERATING SUPPLIES								
REPAIR & MAINTENANCE SP								
	MTR VEHICLE REP. PTS/S	5700						
	OTHER REPAIR/MAINT. SP	5990						

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

001042 - GENERAL FUND-ACCOUNTING DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	PERCENT ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES									
16074	REGULAR WAGES 4000	208959		118569	90390	66.6	56.7	31,105-	14.8-
	DISASTER RECOVERY WAGE 4010								
	OVERTIME 4300								
	DISASTER RECOVERY OVER 4310								
16074	SALARIES	208959		118569	90390	66.6	56.7	31,105-	14.8-
EMPLOYEE BENEFITS									
2532	STATE RETIREMENT 4600	32911		18675	14236	66.6	56.7	4,898-	14.8-
1195	F.I.C.A. TAXES 4700	15985		8943	7042	66.6	55.9	2,570-	16.0-
3000	HOSPITALIZATION INS. 4800	33000		23550	9450	66.6	71.3	2,325	7.0
	UNEMPLOYMENT BENEFITS 4900	500		500	500	66.6		500-	100.0-
	WORKMAN'S COMPENSATION 4910	745		745	745	66.6		745-	100.0-
6726	EMPLOYEE BENEFITS	83141		51168	31973	66.6	61.5	6,389-	7.6-
22800	PERSONAL SERVICES	292100		169737	122363	66.6	58.1	37,494-	12.8-
OFFICE SUPPLIES									
	PAPER 5003	580	115	115	350	66.6	19.8	407-	70.1-
	PRINTED FORMS 5005	1650			1650	66.6		1,650-	100.0-
	OTHER EXPENDABLE OFF.S 5010	993		202	791	66.6	20.3	689-	69.3-
	MINOR OFFICE EQUIP/FUR 5020	100		99	1	66.6	99.0	48	48.0
	MICROFILM SUPPLIES 5030								
	SUBSCRIPTIONS,MAGS,MAP 5050								
	BOOKS 5070								
	COMPUTER SUPPLIES 5080	675		635	40	66.6	94.0	277	41.0
	OFFICE SUPPLIES	3998	115	1051	2832	66.6	26.2	2,421-	60.5-
OPERATING SUPPLIES									
	CLEANING/JANITORIAL SP 5100	900		326	574	66.6	36.2	410-	45.5-
	MINOR EQUIPMENT 5460								
	OTHER OPERATING MATL/S 5590								
	OPERATING SUPPLIES	900		326	574	66.6	36.2	410-	45.5-
REPAIR & MAINTENANCE SP									
	BUILDING MATERIALS & S 5600	3307		7	3300	66.6	.2	3,296-	99.6-
	MINOR COMPUTER EQUIP. 5800	800		250	550	66.6	31.2	424-	53.0-
	OTHER REPAIR/MAINT. SP 5990								
	REPAIR & MAINTENANCE	4107		257	3850	66.6	6.2	3,721-	90.6-
	SUPPLIES AND EXPENSES	9005	115	1634	7256	66.6	18.1	6,553-	72.7-

	PROFESSIONAL SERVICES								
	CONSULTANT SERV/SURVEY 6020								
	DATA PROCESSING 6035								
	MICROFILM PROCESSING 6037								
	OTHER PROFESSIONAL SER 6049	1500		325	1175	66.6	21.6	1,012-	67.4-
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	PROFESSIONAL SERVICE	1500		325	1175	66.6	21.6	1,012-	67.4-
	COMMUNICATIONS								
31	TELEPHONE AND TELEGRAP 6060	200		87	113	66.6	43.5	69-	34.5-
	POSTAGE 6070								
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31	COMMUNICATIONS	200		87	113	66.6	43.5	69-	34.5-
	TRANSPORTATION								
	TRAVEL EXPENSE 6110								
	FREIGHT 6120	100			100	66.6		100-	100.0-
	MESSENGER/EXPRESS SERV 6130	60		55	5	66.6	91.6	22	36.6
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	TRANSPORTATION	160		55	105	66.6	34.3	77-	48.1-
	ADVERTISING								
	ADVERTISING 6150								
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	ADVERTISING								
	PRINTING AND BINDING								
250	PRINTING 6200	1370		533	838	66.6	38.9	570-	41.6-
	BINDING 6205								
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250	PRINTING AND BINDING	1370		533	838	66.6	38.9	570-	41.6-
	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	66.6	37.5	87-	43.5-
	OTHER REPAIRS AND MAIN 6399	300			300	66.6		300-	100.0-
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	REPR/MAINT-OUTSIDE L	500		75	425	66.6	15.0	387-	77.4-
	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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281	OTHER SERVICES & CHAR	3730		1075	2655	66.6	28.8	2,117-	56.7-

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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23081	EXPENDITURES	304835	115	172446	132275	66.6	56.5	46,165-	15.1-

CITY OF HATTIESBURG
EXPENDITURE REPORT

8 Months Ending 05/31/17

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES								
7654	REGULAR WAGES	4000	102000		65449	36551	66.6 64.1	3,826-	3.7-
	DISASTER RECOVERY WAGE	4010							
	OVERTIME	4300	500			500	66.6	500-	100.0-
	DISASTER RECOVERY OVER	4310			90	90-		135	
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7654	SALARIES		102500		65539	36961	66.6 63.9	4,191-	4.0-
	EMPLOYEE BENEFITS								
1206	STATE RETIREMENT	4600	16144		10322	5822	66.6 63.9	660-	4.0-
552	F.I.C.A. TAXES	4700	7841		4819	3022	66.6 61.4	612-	7.8-
1500	HOSPITALIZATION INS.	4800	19800		12900	6900	66.6 65.1	450-	2.2-
	UNEMPLOYMENT BENEFITS	4900	500			500	66.6	500-	100.0-
	WORKMAN'S COMPENSATION	4910	359			359	66.6	359-	100.0-
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3258	EMPLOYEE BENEFITS		44644		28041	16603	66.6 62.8	2,582-	5.7-
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10912	PERSONAL SERVICES		147144		93580	53564	66.6 63.5	6,774-	4.6-
	OFFICE SUPPLIES								
126	PAPER	5003	1000		233	767	66.6 23.3	650-	65.0-
	PRINTED FORMS	5005							
151-	OTHER EXPENDABLE OFF.S	5010	1604	154	664	786	66.6 41.3	608-	37.9-
1663	MINOR OFFICE EQUIP/FUR	5020	6600		4447	2153	66.6 67.3	70	1.0
	SUBSCRIPTIONS,MAGS,MAP	5050							
	BOOKS	5070							
	COMPUTER SUPPLIES	5080							
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1637	OFFICE SUPPLIES		9204	154	5344	3706	66.6 58.0	1,188-	12.9-
	OPERATING SUPPLIES								
	MINOR EQUIPMENT	5460							
65	OTHER OPERATING MATL/S	5590	600		401	199	66.6 66.8	1	.1
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65	OPERATING SUPPLIES		600		401	199	66.6 66.8	1	.1
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1702	SUPPLIES AND EXPENSES		9804	154	5745	3905	66.6 58.5	1,186-	12.0-
	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	66.6	4.9	1,666-	92.5-
	FREIGHT	6120							
	MESSENGER/EXPRESS SERV	6130							
	TRANSPORTATION		1800	89	1711	66.6	4.9	1,666-	92.5-
	ADVERTISING								
	ADVERTISING	6150							
	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING	6200							
	BINDING	6205							
	PRINTING AND BINDING								
	INSURANCE								
	SURETY AND FORGERY BON	6270							
	INSURANCE								
330	REPR/MAINT-OUTSIDE LABO								
	OFFICE EQUIPMENT R&M	6365	1630	1282	348	66.6	78.6	293	17.9
	OTHER REPAIRS AND MAIN	6399	856	856		66.6	100.0	428	50.0
330	REPR/MAINT-OUTSIDE L		2486	2137	349	66.6	85.9	719	28.9
	RENTALS								
	OFFICE EQUIPMENT RENT	6410							
	RENTALS								
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS	6840	500	185	315	66.6	37.0	222-	44.4-
	REGISTRATION FEE/TUITI	6845	994		994	66.6		994-	100.0-
	SERVICES NOT SPECIFIED	6999							
	OTHER SERVICES & CHA		1494	185	1309	66.6	12.3	1,216-	81.3-
330	OTHER SERVICES & CHAR		5780	2411	3369	66.6	41.7	2,163-	37.4-
	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	-----	-----	-----	-----	-----	-----	-----	-----
12945	EXPENDITURES	162728	154	101736	60838	66.6	62.5	10,124-	6.2-

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

ANNUAL	OPEN PO
1990	1990
1991	1991
1992	1992
1993	1993
1994	1994
1995	1995
1996	1996
1997	1997
1998	1998
1999	1999
2000	2000
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2136	2136
2137	2137
2138	2138
2139	2139
2	

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
5923	SALARIES REGULAR WAGES OVERTIME	4000 4300	77000	50346	26654	66.6	65.3	1,480-	1.9-
5923	SALARIES EMPLOYEE BENEFITS	77000		50346	26654	66.6	65.3	1,480-	1.9-
933	STATE RETIREMENT	4600	12128	7929	4199	66.6	65.3	234-	1.9-
452	F.I.C.A. TAXES	4700	5891	3843	2048	66.6	65.2	126-	2.1-
500	HOSPITALIZATION INS.	4800	6600	4300	2300	66.6	65.1	150-	2.2-
	UNEMPLOYMENT BENEFITS	4900							
	WORKMAN'S COMPENSATION	4910	257		257	66.6		257-	100.0-
1885	EMPLOYEE BENEFITS		24876	16073	8803	66.6	64.6	766-	3.0-
7808	PERSONAL SERVICES		101876	66419	35457	66.6	65.1	2,247-	2.2-
	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	66.6		7,000-	100.0-
	OTHER PROFESSIONAL SER	6049							
	PROFESSIONAL SERVICE		7000		7000	66.6		7,000-	100.0-
	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP	6060							
	POSTAGE	6070							
	COMMUNICATIONS								
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	1000	419	581	66.6	41.9	371-	37.1-
	TRANSPORTATION		1000	419	581	66.6	41.9	371-	37.1-
	PRINTING AND BINDING								
	PRINTING	6200							

-----	PRINTING AND BINDING	-----	-----	-----	-----	-----	-----	-----
-----	OTHER SERVICES & CHARGE	-----	-----	-----	-----	-----	-----	-----
	COURT COSTS 6710	100			100	66.6		100- 100.0-
	DUES AND MEMBERSHIPS 6840	325		310	15	66.6	95.3	140 43.0
	REGISTRATION FEE/TUITI 6845	675		30	645	66.6	4.4	629- 93.1-
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-----	OTHER SERVICES & CHA	1100		340	760	66.6	30.9	590- 53.6-
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-----	OTHER SERVICES & CHAR	9100		759	8341	66.6	8.3	7,961- 87.4-
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-----	MACHINERY AND EQUIPMENT	-----	-----	-----	-----	-----	-----	-----
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-----	CAPITAL OUTLAY	-----	-----	-----	-----	-----	-----	-----
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7808	EXPENDITURES	110976		67178	43798	66.6	60.5	10,208- 9.1-

001080 - GENERAL FUND-HUMAN RESOURCES

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES									
10174	REGULAR WAGES 4000	132264		86480	45784	66.6	65.3	2,544-	1.9-
	DISASTER RECOVERY WAGE 4010								
	OVERTIME 4300								
	DISASTER RECOVERY OVER 4310								
10174	SALARIES	132264		86480	45784	66.6	65.3	2,544-	1.9-
EMPLOYEE BENEFITS									
1602	STATE RETIREMENT 4600	20832		13621	7211	66.6	65.3	400-	1.9-
744	F.I.C.A. TAXES 4700	10118		6341	3777	66.6	62.6	606-	5.9-
1500	HOSPITALIZATION INS. 4800	19800		13500	6300	66.6	68.1	450	2.2
	UNEMPLOYMENT BENEFITS 4900	500		500	500	66.6		500-	100.0-
	WORKMAN'S COMPENSATION 4910	531		531	531	66.6		531-	100.0-
3846	EMPLOYEE BENEFITS	51781		33462	18319	66.6	64.6	1,587-	3.0-
14021	PERSONAL SERVICES	184045		119941	64104	66.6	65.1	4,133-	2.2-
OFFICE SUPPLIES									
	PAPER 5003	3000		1362	1638	66.6	45.4	956-	31.8-
	PRINTED FORMS 5005	1200		552	648	66.6	46.0	372-	31.0-
	OTHER EXPENDABLE OFF.S 5010	1000		526	474	66.6	52.6	210-	21.0-
	MINOR OFFICE EQUIP/FUR 5020	300			300	66.6		300-	100.0-
	SUBSCRIPTIONS,MAGS,MAP 5050	300		299	1	66.6	99.6	148	49.3
	BOOKS 5070	100		100	100	66.6		100-	100.0-
	COMPUTER SUPPLIES 5080	3000		2195	805	66.6	73.1	292	9.7
	OFFICE SUPPLIES	8900		4934	3966	66.6	55.4	1,498-	16.8-
OPERATING SUPPLIES									
	MINOR EQUIPMENT 5460								
	OTHER OPERATING MATL/S 5590								
	OPERATING SUPPLIES								
	SUPPLIES AND EXPENSES	8900		4934	3966	66.6	55.4	1,498-	16.8-
PROFESSIONAL SERVICES									
1130	CONSULTANT SERV/SURVEY 6020								
	OTHER PROFESSIONAL SER 6049	14400		7776	6624	66.6	54.0	2,736-	19.0-
1130	PROFESSIONAL SERVICE	14400		7776	6624	66.6	54.0	2,736-	19.0-
COMMUNICATIONS									
45	TELEPHONE AND TELEGRAP 6060	140		105	35	66.6	75.0	17	12.1
	POSTAGE 6070	20			20	66.6		20-	100.0-

45	COMMUNICATIONS	160	105	55	66.6	65.6	2-	1.2-
	TRANSPORTATION							
	TRAVEL EXPENSE 6110		1043-	1043			1,564	
	FREIGHT 6120							
	MESSENGER/EXPRESS SERV 6130	100		100	66.6		100-	100.0-
	TRANSPORTATION	100	1043-	1143	66.6	43.0	1,464	464.0
	ADVERTISING							
	ADVERTISING 6150							
	ADVERTISING							
	PRINTING AND BINDING							
	PRINTING 6200	200		200	66.6		200-	100.0-
	BINDING 6205							
	PRINTING AND BINDING	200		200	66.6		200-	100.0-
	INSURANCE							
	SURETY AND FORGERY BON 6270							
	INSURANCE							
	REPR/MAINT-OUTSIDE LABO							
	BUILDING R&M 6350	40		40-	66.6		40-	100.0-
284	OFFICE EQUIPMENT R&M 6365	5500	3315	2185	66.6	60.2	527-	9.5-
284	REPR/MAINT-OUTSIDE L	5460	3315	2145	66.6	60.7	487-	8.9-
	OTHER SERVICES & CHARGE							
	DUES AND MEMBERSHIPS 6840	200		200	66.6		200-	100.0-
	REGISTRATION FEE/TUITI 6845							
	SERVICES NOT SPECIFIED 6999							
	OTHER SERVICES & CHA	200		200	66.6		200-	100.0-
1458	OTHER SERVICES & CHAR	20520	10153	10367	66.6	49.4	5,290-	25.7-
	MACHINERY AND EQUIPMENT							
	OFFICE FURN/EQUIP. 7325							
	DATA PROCESSING EQUIP. 7327							
	MACHINERY AND EQUIPM							
	CAPITAL OUTLAY							
15479	EXPENDITURES	213465	135028	78437	66.6	63.2	10,923-	5.1-

001081 - GENERAL FUND-LOSS CONTROL

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
<u>SALARIES</u>								
6045	REGULAR WAGES 4000	78587		48557	30030	66.6 61.7	5,751-	7.3-
	DISASTER RECOVERY WAGE 4010			2827	2827-		4,240	
	OVERTIME 4300			439	439-		658	
	DISASTER RECOVERY OVER 4310			878	878-		1,317	
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6045	SALARIES	78587		52701	25886	66.6 67.0	464	.5
<u>EMPLOYEE BENEFITS</u>								
952	STATE RETIREMENT 4600	12377		8300	4077	66.6 67.0	73	.5
435	F.I.C.A. TAXES 4700	6012		3816	2196	66.6 63.4	288-	4.7-
1000	HOSPITALIZATION INS. 4800	13200		9000	4200	66.6 68.1	300	2.2
	UNEMPLOYMENT BENEFITS 4900	500		500	500	66.6	500-	100.0-
	WORKMAN'S COMPENSATION 4910	943		943	943	66.6	943-	100.0-
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2387	EMPLOYEE BENEFITS	33032		21116	11916	66.6 63.9	1,358-	4.1-
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8433	PERSONAL SERVICES	111619		73817	37802	66.6 66.1	893-	.8-
<u>OFFICE SUPPLIES</u>								
	PAPER 5003							
	PRINTED FORMS 5005	383		26	357	66.6 6.7	343-	89.5-
311	OTHER EXPENDABLE OFF.S 5010	1248	247	520	480	66.6 41.6	468-	37.5-
	MINOR OFFICE EQUIP/FUR 5020	300			300	66.6	300-	100.0-
	PHOTO SUPPLIES 5040	100		24	76	66.6 24.0	64-	64.0-
	SUBSCRIPTIONS,MAGS,MAP 5050	350		115	235	66.6 32.8	177-	50.5-
	BOOKS 5070							
	COMPUTER SUPPLIES 5080							
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311	OFFICE SUPPLIES	2381	247	686	1448	66.6 28.8	1,351-	56.7-
<u>OPERATING SUPPLIES</u>								
	CLEANING/JANITORIAL SP 5100							
	HOUSEHOLD SUPPLIES 5110							
	MEDICAL SUPPLIES 5120	150			150	66.6	150-	100.0-
95	GAS AND OIL 5250	2000		1086	914	66.6 54.3	370-	18.5-
	LUBRICANTS 5255							
	WEARING APPAREL 5355	300			300	66.6	300-	100.0-
	MINOR EQUIPMENT 5460	1000			1000	66.6	1,000-	100.0-
	OTHER OPERATING MATL/S 5590							
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95	OPERATING SUPPLIES	3450		1086	2364	66.6 31.4	1,820-	52.7-
<u>REPAIR & MAINTENANCE SP</u>								
	BUILDING MATERIALS & S 5600							
	MTR VEHICLE REP. PTS/S 5700	1107		7	1100	66.6 .6	1,096-	99.0-
	COMMUNICATION REPAIR P 5750							

OTHER REPAIR/MAINT. SP 5990									
	REPAIR & MAINTENANCE	1107		7	1100	66.6	.6	1,096-	99.0-
405	SUPPLIES AND EXPENSES	6938	247	1779	4912	66.6	25.6	4,269-	61.5-
	COMMUNICATIONS								
143	TELEPHONE AND TELEGRAP 6060	760		404	356	66.6	53.1	154-	20.2-
	POSTAGE 6070								
143	COMMUNICATIONS	760		404	356	66.6	53.1	154-	20.2-
	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	66.6		300-	100.0-
	COMMUNICATION EQ. R&M 6390								
	CLEANING AND PAINTING 6392								
	OTHER REPAIRS AND MAIN 6399	1800		1289	511	66.6	71.6	133	7.3
	REPR/MAINT-OUTSIDE L	2100		1289	811	66.6	61.3	166-	7.9-
	RENTALS								
	OTHER RENT 6449								
	RENTALS								
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS 6840								
	REGISTRATION FEE/TUITI 6845								
	SERVICES NOT SPECIFIED 6999								
	OTHER SERVICES & CHA								
143	OTHER SERVICES & CHAR	2860		1693	1167	66.6	59.1	320-	11.1-

	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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8980	EXPENDITURES		121417	247	77288	43881	66.6 63.6	5,485- 4.5-

001090 - GENERAL FUND-URBAN DEVELOPMT

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
<u>SALARIES</u>								
27309	REGULAR WAGES 4000	416446		231079	185367	66.6 55.4	69,827-	16.7-
	DISASTER RECOVERY WAGE 4010			1458	1458-		2,187	
	OVERTIME 4300	300		377	77-	66.6 125.6	265	88.3
	DISASTER RECOVERY OVER 4310			352	352-		528	
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27309	SALARIES	416746		233266	183480	66.6 55.9	66,846-	16.0-
<u>EMPLOYEE BENEFITS</u>								
4301	STATE RETIREMENT 4600	65637		36739	28898	66.6 55.9	10,528-	16.0-
1998	F.I.C.A. TAXES 4700	31882		17082	14800	66.6 53.5	6,258-	19.6-
4500	HOSPITALIZATION INS. 4800	79200		50640	28560	66.6 63.9	3,240-	4.0-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	66.6	500-	100.0-
	WORKMAN'S COMPENSATION 4910	3835		3835	3835	66.6	3,835-	100.0-
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10800	EMPLOYEE BENEFITS	181054		104461	76593	66.6 57.6	24,362-	13.4-
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38109	PERSONAL SERVICES	597800		337727	260073	66.6 56.4	91,209-	15.2-
<u>OFFICE SUPPLIES</u>								
126	PAPER 5003	1560	60	844	656	66.6 54.1	294-	18.8-
	PRINTED FORMS 5005							
452	OTHER EXPENDABLE OFF.S 5010	3332	131	1355	1845	66.6 40.6	1,299-	38.9-
1190-	N.I.P. SUPPLIES 5011	12495		2785-	15280	66.6 22.2	8,317-	66.5-
	CITIZENS CORPS GRANT S 5012							
	MIDTOWN STUDY GRANT SU 5013							
	NLC HEALTH OUTREACH SU 5014	2000			2000	66.6	2,000-	100.0-
	DOLLARWISE GRANT/CONF 5015							
	MAYORAL HEALTH COUNCIL 5016							
	MINOR OFFICE EQUIP/FUR 5020	1455		505	950	66.6 34.7	697-	47.9-
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070	360	60	300	300	66.6	360-	100.0-
	COMPUTER SUPPLIES 5080	3000		311	2689	66.6 10.3	2,533-	84.4-
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613-	OFFICE SUPPLIES	24202	251	230	23720	66.6 .9	23,856-	98.5-
<u>OPERATING SUPPLIES</u>								
	FOOD 5115	250		79	171	66.6 31.6	131-	52.4-
100	GAS AND OIL 5250	2000		696	1304	66.6 34.8	956-	47.8-
	LUBRICANTS 5255							
	MINOR EQUIPMENT 5460	200			200	66.6	200-	100.0-
	OTHER OPERATING MATL/S 5590	400			400	66.6	400-	100.0-
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100	OPERATING SUPPLIES	2850		775	2075	66.6 27.1	1,687-	59.1-
	REPAIR & MAINTENANCE SP							

	BUILDING MATERIALS & S	5600		300		300	66.6		300-	100.0-	
	PAINT AND PAINTING SPL	5650		150		150	66.6		150-	100.0-	
	MTR VEHICLE REP. PTS/S	5700		900	624	276	66.6	69.3	36	4.0	
	OTHER REPAIR/MAINT. SP	5990									
	REPAIR & MAINTENANCE			1350	624	726	66.6	46.2	414-	30.6-	
512-	SUPPLIES AND EXPENSES			28402	251	1629	26521	66.6	5.7	25,958-	91.3-
	PROFESSIONAL SERVICES										
	ENGINEERING	6015									
	CONSULTANT SERV/SURVEY	6020		10000	6063	3937	66.6	60.6	905-	9.0-	
	CONSULTANT SERV-TWIN F	6020 01									
	CONSULTANT SERV-MIDTOW	6020 02		15000	489	14511	66.6	3.2	14,266-	95.1-	
	ABSTRACTING & RECORDIN	6023									
	LEGAL	6025									
	OTHER PROFESSIONAL SER	6049		11500		11500	66.6		11,500-	100.0-	
	OTHER PROF SERV-NLC OU	6049 98									
	PROFESSIONAL SERVICE			36500	6552	29948	66.6	17.9	26,672-	73.0-	
750	COMMUNICATIONS										
	TELEPHONE AND TELEGRAP	6060		3800	2375	1425	66.6	62.5	237-	6.2-	
	POSTAGE	6070		100		100	66.6		100-	100.0-	
750	COMMUNICATIONS			3900	2375	1525	66.6	60.8	337-	8.6-	
1439	TRANSPORTATION										
	TRAVEL EXPENSE	6110		10400	412	4274	66.6	41.0	3,988-	38.3-	
	TRVL EXP-MIDTOWN STDY	6111									
	TRVL EXP-NLC HEALTH OU	6112									
	FREIGHT	6120									
	MESSENGER/EXPRESS SERV	6130		100		100	66.6		100-	100.0-	
1439	TRANSPORTATION			10500	412	4274	66.6	40.7	4,088-	38.9-	
	ADVERTISING										
	ADVERTISING	6150									
	ADVERTISING										
	PRINTING AND BINDING										
	PRINTING	6200		3700	45	967	66.6	26.1	2,249-	60.7-	
	PRINTING-GRANT RELATED	6202									
	BLUELINES	6210									
	FILM PROCESSING	6240									
	PRINTING AND BINDING			3700	45	967	66.6	26.1	2,249-	60.7-	
	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							
	SIGN PAINTING	6396							
-----	OTHER REPAIRS AND MAIN	6399	300		90	210	66.6	30.0	164- 54.6-
			-----	-----	-----	-----	-----	-----	-----
	REPR/MAINT-OUTSIDE L		300		90	210	66.6	30.0	164- 54.6-
	RENTALS								
426	OFFICE EQUIPMENT RENT	6410	8000		3244	4756	66.6	40.5	3,134- 39.1-
	OTHER RENT	6449							
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426	RENTALS		8000		3244	4756	66.6	40.5	3,134- 39.1-
	OTHER SERVICES & CHARGE								
	EXHIBITIONS & PROMOTIO	6500							
10	DUES AND MEMBERSHIPS	6840	2150	125	1070	955	66.6	49.7	544- 25.3-
235	REGISTRATION FEE/TUITI	6845	4000	700	2011	1289	66.6	50.2	983- 24.5-
	SERVICES NOT SPECIFIED	6999							
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245	OTHER SERVICES & CHA		6150	825	3081	2244	66.6	50.0	1,528- 24.8-
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2860	OTHER SERVICES & CHAR		69050	1,282	20584	47184	66.6	29.8	38,174- 55.2-
	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							
-----			-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----			-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY								
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40457	EXPENDITURES		695252	1,533	359940	333779	66.6	51.7	155,342- 22.3-

001091 - GENERAL FUND-INFO TECHNOLOGY

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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		178422	94971	66.6	65.2	5,759-	2.1-
	DISASTER RECOVERY WAGE 4010			335	335-			502	
	OVERTIME 4300			422	422-			633	
	DISASTER RECOVERY OVER 4310			58	58-			87	
21030	SALARIES	273393		179237	94156	66.6	65.5	4,537-	1.6-
EMPLOYEE BENEFITS									
3312	STATE RETIREMENT 4600	43059		28230	14829	66.6	65.5	713-	1.6-
1499	F.I.C.A. TAXES 4700	20915		12832	8083	66.6	61.3	1,667-	7.9-
3500	HOSPITALIZATION INS. 4800	46200		31500	14700	66.6	68.1	1,050	2.2
	UNEMPLOYMENT BENEFITS 4900	500		500	500	66.6		500-	100.0-
	WORKMAN'S COMPENSATION 4910	1055		1055	1055	66.6		1,055-	100.0-
8311	EMPLOYEE BENEFITS	111729		72562	39167	66.6	64.9	2,885-	2.5-
29341	PERSONAL SERVICES	385122		251799	133323	66.6	65.3	7,423-	1.9-
OFFICE SUPPLIES									
69	PAPER 5003	2500		261	2239	66.6	10.4	2,108-	84.3-
	PRINTED FORMS 5005								
130	OTHER EXPENDABLE OFF.S 5010	1500		376	1124	66.6	25.0	936-	62.4-
	MINOR OFFICE EQUIP/FUR 5020								
	SUBSCRIPTIONS,MAGS,MAP 5050								
	BOOKS 5070								
1956	COMPUTER SUPPLIES 5080	50000		27802	22198	66.6	55.6	8,296-	16.5-
	COMPUTR SUP-PURCHASE C 5081								
2155	OFFICE SUPPLIES	54000		28439	25561	66.6	52.6	11,341-	21.0-
OPERATING SUPPLIES									
59	GAS AND OIL 5250	800		460	340	66.6	57.5	110-	13.7-
	UNIFORMS, BADGES, ETC. 5350								
	MINOR EQUIPMENT 5460	1000	319	440	241	66.6	44.0	340-	34.0-
	OTHER OPERATING MATL/S 5590								
59	OPERATING SUPPLIES	1800	319	900	581	66.6	50.0	450-	25.0-
REPAIR & MAINTENANCE SP									
	BUILDING MATERIALS & S 5600								
	MTR VEHICLE REP. PTS/S 5700	375		365	10	66.6	97.3	172	45.8
	MINOR COMPUTER EQUIP. 5800	1425	479	745	201	66.6	52.2	307-	21.5-
	REPAIR & MAINTENANCE	1800	479	1110	211	66.6	61.6	134-	7.4-
2214	SUPPLIES AND EXPENSES	57600	798	30450	26352	66.6	52.8	11,924-	20.7-

	PROFESSIONAL SERVICES								
	DATA PROCESSING 6035	35000	1,250	16705	17045	66.6	47.7	9,942-	28.4-
	OTHER PROFESSIONAL SER 6049	3000		2978	22	66.6	99.2	1,467	48.9
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	PROFESSIONAL SERVICE	38000	1,250	19683	17067	66.6	51.7	8,475-	22.3-
	COMMUNICATIONS								
813	TELEPHONE AND TELEGRAP 6060	2970		2500	471	66.6	84.1	780	26.2
17836	NETWORK 6068	175000		136274	38726	66.6	77.8	29,411	16.8
2401	NETWORK WIRELESS 6069	26000		19819	6181	66.6	76.2	3,728	14.3
	POSTAGE 6070								
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21050	COMMUNICATIONS	203970		158592	45378	66.6	77.7	33,918	16.6
	TRANSPORTATION								
	TRAVEL EXPENSE 6110								
	FREIGHT 6120	130	79	46	5	66.6	35.3	60-	46.1-
	MESSENGER/EXPRESS SERV 6130								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	TRANSPORTATION	130	79	46	5	66.6	35.3	60-	46.1-
	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								
15981	OFFICE EQUIPMENT R&M 6365	285000		187951	97049	66.6	65.9	3,073-	1.0-
	MOTOR VEHICLE EQ. R&M 6384	100			100	66.6		100-	100.0-
	TOW IN CHARGES 6398								
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15981	REPR/MAINT-OUTSIDE L	285100		187951	97149	66.6	65.9	3,173-	1.1-
	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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37031	OTHER SERVICES & CHAR	527200	1,329	366273	159598	66.6	69.4	22,209	4.2

	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP. 7325								
	DATA PROCESSING EQUIP. 7327	100000	6,570	79704	13726	66.6	79.7	19,556	19.5
	FINANCIAL SOFTWARE 7328	75000		70837	4163	66.6	94.4	31,255	41.6
	DOM PREP GRANT 06HS205 7332								
12604	PUBLIC SAFETY SOFTWARE 7333	150000		100781	49219	66.6	67.1	1,171	.7
	COMMUNICATION EQUIPMEN 7355								
	OTHER EQUIPMENT 7399								
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12604	MACHINERY AND EQUIPM	325000	6,570	251323	67107	66.6	77.3	51,984	15.9
	VEHICLES								
	AUTOMOBILES 7400								
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	VEHICLES								
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12604	CAPITAL OUTLAY	325000	6,570	251323	67107	66.6	77.3	51,984	15.9
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81190	EXPENDITURES	1294922	8,697	899845	386380	66.6	69.4	54,845	4.2

001092 - GENERAL FUND-GEN.GOV.T.BLDG

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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	66.6	250-	100.0-
	OFFICE SUPPLIES	250			250	66.6	250-	100.0-
	OPERATING SUPPLIES							
	CLEANING/JANITORIAL SP 5100	3075	75	2083	917	66.6 67.7	49	1.5
	HOUSEHOLD SUPPLIES 5110							
	FOOD 5115							
	MEDICAL SUPPLIES 5120							
1632	CHEMICALS 5130	3810	1,485	2319	6	66.6 60.8	331-	8.6-
	DIESEL FUEL 5257							
336	HORT./LANDSCAPING SPLY 5440	2250		1169	1082	66.6 51.9	496-	22.0-
	HAND TOOLS 5450	25			25	66.6	25-	100.0-
495	MINOR EQUIPMENT 5460	4150		1479	2671	66.6 35.6	1,931-	46.5-
	OTHER OPERATING MATL/S 5590	200		40	160	66.6 20.0	140-	70.0-
2463	OPERATING SUPPLIES	13510	1,560	7089	4861	66.6 52.4	2,876-	21.2-
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	2725		128	2597	66.6 4.6	2,533-	92.9-
	ELECTRICAL SUPPLIES 5605	2800		1450	1350	66.6 51.7	624-	22.2-
	PLUMBING SUPPLIES 5610	3000			3000	66.6	3,000-	100.0-
	PAINT AND PAINTING SPL 5650	2000		17	1983	66.6 .8	1,974-	98.7-
	OTHER REPAIR/MAINT. SP 5990	100			100	66.6	100-	100.0-
REPAIR & MAINTENANCE								
		10625		1596	9029	66.6 15.0	8,231-	77.4-

2463	SUPPLIES AND EXPENSES	24385	1,560	8685	14140	66.6	35.6	11,357-	46.5-
	PROFESSIONAL SERVICES								
	BUILDING SECURITY 6021	2000		1440	560	66.6	72.0	160	8.0
1997	OTHER PROFESSIONAL SER 6049	30039	39	18093	11907	66.6	60.2	2,899-	9.6-
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1997	PROFESSIONAL SERVICE	32039	39	19533	12467	66.6	60.9	2,739-	8.5-
	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		229	3271	66.6	6.5	3,156-	90.1-
	GAS-TRAIN DEPOT 6300 DEPOT								
	GAS-EATON SCHOOL 6300 GRANT								
3478	ELECTRICITY 6305	50000		24971	25029	66.6	49.9	12,543-	25.0-
	ELECTRICITY-EMP MED CL 6305 CLINIC								
	ELECTRICITY-TRAIN DEPO 6305 DEPOT								
	ELECTRICITY-EATON SCHO 6305 GRANT								
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3504	UTILITIES	53500		25201	28299	66.6	47.1	15,698-	29.3-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350	145085	42,085	48601	54399	66.6	33.4	72,183-	49.7-
	ELECTRICAL R&M 6355	1000		160	840	66.6	16.0	760-	76.0-
	PLUMBING EQUIPMENT R&M 6357	1000			1000	66.6		1,000-	100.0-
	HOUSEHOLD EQUIPMENT R& 6370	7030	30	115	6885	66.6	1.6	6,857-	97.5-
1176	FIXED EQUIPMENT R&M 6380	10030	30	3528	6472	66.6	35.1	4,738-	47.2-
	MINOR EQUIPMENT R&M 6382								
	CLEANING AND PAINTING 6392	3900			3900	66.6		3,900-	100.0-
	EXTERMINATION-DEPOT 6393								
	DISINFECT./EXTERMINATI 6394	1250		664	586	66.6	53.1	254-	20.3-
	OTHER REPAIRS AND MAIN 6399	500			500	66.6		500-	100.0-
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1176	REPR/MAINT-OUTSIDE L	169795	42,145	53068	74582	66.6	31.2	90,193-	53.1-
	RENTALS								
	MOP-MAT-RAG RENT 6435								
1100	OTHER RENT 6449	14000		8800	5200	66.6	62.8	800-	5.7-
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1100	RENTALS	14000		8800	5200	66.6	62.8	800-	5.7-
	OTHER SERVICES & CHARGE								
	CUSTODIAL SERVICE 6870								

-----	OTHER SERVICES & CHA	-----	-----	-----	-----	-----	-----	-----	-----
-----	7777 OTHER SERVICES & CHAR	-----	-----	-----	-----	-----	-----	-----	-----
		269334	42,184	106601	120549	66.6	39.5	109,432-	40.6-
-----	LAND	-----	-----	-----	-----	-----	-----	-----	-----
	LAND 7000								
-----	LAND	-----	-----	-----	-----	-----	-----	-----	-----
	BUILDING/BLD IMPROVEMEN								
	BUILDINGS 7100								
	FIRST BAPTIST CHURCH 7100 13								
	PINE ST CHURCH BUILDI 7100 26	70000		70000		66.6	100.0	35,000	50.0
	RENOV OLD FED BLD-MUN 7150 42	44889		44858	31	66.6	99.9	22,398	49.8
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	BUILDINGS	114889		114858	31	66.6	99.9	57,398	49.9
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	BUILDING/BLD IMPROVE	114889		114858	31	66.6	99.9	57,398	49.9
	IMPROVEMENT OTHER THAN								
	LANDSCAPING 7250								
	OTHER IMPROVEMENTS 7295								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	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	66.6	99.9	57,398	49.9
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10240	EXPENDITURES	408608	43,744	230145	134720	66.6	56.3	63,390-	15.5-

001093 - GENERAL FD-INTERMODAL FAC O&M

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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								
154	CLEANING/JANITORIAL SP 5100	1564		1490	74	66.6 95.2	671	42.9
	GAS AND OIL 5250							
	LUBRICANTS 5255							
	HORT./LANDSCAPING SPLY 5440	950		550	400	66.6 57.8	124-	13.0-
	MINOR EQUIPMENT 5460	650		523	128	66.6 80.4	134	20.6
	OTHER OPERATING MATL/S 5590	151			151	66.6	151-	100.0-
154	OPERATING SUPPLIES	3315		2563	752	66.6 77.3	529	15.9
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	600			600	66.6	600-	100.0-
	ELECTRICAL SUPPLIES 5605	3435	836	906	1693	66.6 26.3	2,075-	60.4-
	PLUMBING SUPPLIES 5610	600		329	271	66.6 54.8	106-	17.6-
	PAINT AND PAINTING SPL 5650							
	MTR VEHICLE REP. PTS/S 5700							
	AGRICLTR REPAIR PTS/S 5755							
	OTHER REPAIR/MAINT. SP 5990	800			800	66.6	800-	100.0-

	REPAIR & MAINTENANCE	5435	836	1235	3364	66.6	22.7	3,582-	65.9-
154	SUPPLIES AND EXPENSES	8750	836	3798	4116	66.6	43.4	3,052-	34.8-
	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		66.6	100.0	10	50.0
	MESSENGER/EXPRESS SERV 6130	20			20-	66.6		20-	100.0-
	TRANSPORTATION			20	20-	66.6		30	100.0-
	ADVERTISING								
	ADVERTISING 6150	2600			2600	66.6		2,600-	100.0-
	ADVERTISING	2600			2600	66.6		2,600-	100.0-
	PRINTING AND BINDING								
	PRINTING 6200								
	PRINTING AND BINDING								
	INSURANCE								
	AUTOMOBILE INSURANCE 6265								
	SURETY AND FORGERY BON 6270								
	INSURANCE								
	UTILITIES								
2702	GAS 6300								
2702	ELECTRICITY 6305	50000		22929	27071	66.6	45.8	15,606-	31.2-
2702	UTILITIES	50000		22929	27071	66.6	45.8	15,606-	31.2-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350	28286	300	26023	1963	66.6	91.9	10,748	37.9
	ELECTRICAL R&M 6355	3000		2800	200	66.6	93.3	1,200	40.0
	PLUMBING EQUIPMENT R&M 6357								
	OFFICE EQUIPMENT R&M 6365								
	MOTOR VEHICLE EQ. R&M 6384								
	DISINFECT./EXTERMINATI 6394			1120	1120-			1,680	
	SIGN PAINTING 6396								
	OTHER REPAIRS AND MAIN 6399	9891		982	8909	66.6	9.9	8,417-	85.0-
	REPR/MAINT-OUTSIDE L	41177	300	30924	9953	66.6	75.1	5,209	12.6
	RENTALS								
	UNIFORM RENT 6430	400		122	278	66.6	30.5	216-	54.0-
	OTHER RENT 6449								

-----	RENTALS	-----	-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHARGE	400		122	278	66.6	30.5	216-	54.0-
	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								
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2702	OTHER SERVICES & CHAR	94177	300	53996	39881	66.6	57.3	13,183-	13.9-
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP. 7325								
	DATA PROCESSING EQUIP. 7327								
60730	OTHER EQUIPMENT 7399	100000	23,679	76321		66.6	76.3	14,481	14.4
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60730	MACHINERY AND EQUIPM	100000	23,679	76321		66.6	76.3	14,481	14.4
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60730	CAPITAL OUTLAY	100000	23,679	76321		66.6	76.3	14,481	14.4
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63586	EXPENDITURES	202927	24,815	134115	43998	66.6	66.0	1,754-	.8-

001094 - GENERAL FUND-METRPLTN PLANG.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
11683	REGULAR WAGES 4000	178915		111831	67084	66.6 62.5	11,168-	6.2-
	DISASTER RECOVERY WAGE 4010			1167	1167-		1,750	
	OVERTIME 4300	500			500	66.6	500-	100.0-
	DISASTER RECOVERY OVER 4310			128	128-		192	
11683	SALARIES	179415		113126	66289	66.6 63.0	9,725-	5.4-
EMPLOYEE BENEFITS								
1840	STATE RETIREMENT 4600	28258		17817	10441	66.6 63.0	1,532-	5.4-
828	F.I.C.A. TAXES 4700	13725		8110	5615	66.6 59.0	1,559-	11.3-
2000	HOSPITALIZATION INS. 4800	33000		21500	11500	66.6 65.1	750-	2.2-
	UNEMPLOYMENT BENEFITS 4900	500			500	66.6	500-	100.0-
	WORKMAN'S COMPENSATION 4910	572			572	66.6	572-	100.0-
4668	EMPLOYEE BENEFITS	76055		47428	28627	66.6 62.3	4,913-	6.4-
16350	PERSONAL SERVICES	255470		160554	94916	66.6 62.8	14,638-	5.7-
OFFICE SUPPLIES								
	PAPER 5003	1000			1000	66.6	1,000-	100.0-
	PRINTED FORMS 5005							
396	OTHER EXPENDABLE OFF.S 5010	5000		1459	3541	66.6 29.1	2,811-	56.2-
	MINOR OFFICE EQUIP/FUR 5020	1525		2144	619-	66.6 140.5	1,691	110.8
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
742	COMPUTER SUPPLIES 5080	3000		758	2242	66.6 25.2	1,862-	62.0-
1138	OFFICE SUPPLIES	10525		4361	6164	66.6 41.4	3,983-	37.8-
OPERATING SUPPLIES								
	FOOD 5115	1600		101	1499	66.6 6.3	1,448-	90.5-
18	GAS AND OIL 5250	2000		255	1745	66.6 12.7	1,617-	80.8-
	MINOR EQUIPMENT 5460	1000			1000	66.6	1,000-	100.0-
	MTR VEHICLE REP. PTS/S 5700	700		418	282	66.6 59.7	72-	10.2-
18	OPERATING SUPPLIES	5300		774	4526	66.6 14.6	4,138-	78.0-
1156	SUPPLIES AND EXPENSES	15825		5135	10690	66.6 32.4	8,122-	51.3-
PROFESSIONAL SERVICES								
	ENGINEERING 6015							
	CONSULTANT SERV/SURVEY 6020	70000		22840	47160	66.6 32.6	35,740-	51.0-
	ABSTRACTING & RECORDIN 6023							
	LEGAL 6025							

	OTHER PROFESSIONAL SER 6049	5100			5100	66.6		5,100-	100.0-
	PROFESSIONAL SERVICE	75100		22840	52260	66.6	30.4	40,840-	54.3-
	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP 6060								
	POSTAGE 6070								
	COMMUNICATIONS								
	TRANSPORTATION								
763	TRAVEL EXPENSE 6110	10000	575	8483	943	66.6	84.8	2,724	27.2
	FREIGHT 6120								
64	MESSENGER/EXPRESS SERV 6130	1000		188	812	66.6	18.8	718-	71.8-
	TRANSPORTATION	11000	575	8671	1755	66.6	78.8	2,006	18.2
827	ADVERTISING								
	ADVERTISING 6150	4200			4200	66.6		4,200-	100.0-
	ADVERTISING	4200			4200	66.6		4,200-	100.0-
	PRINTING AND BINDING								
	PRINTING 6200	700			700	66.6		700-	100.0-
	BLUELINES 6210								
	FILM PROCESSING 6240								
	PRINTING AND BINDING	700			700	66.6		700-	100.0-
	REPR/MAINT-OUTSIDE LABO								
	OFFICE EQUIPMENT R&M 6365	6100	118	1747	4235	66.6	28.6	3,479-	57.0-
	REPR/MAINT-OUTSIDE L	6100	118	1747	4235	66.6	28.6	3,479-	57.0-
	OTHER SERVICES & CHARGE								
	EXHIBITIONS & PROMOTIO 6500								
	TRAIN DAY EVENT 6500 01	3000			3000	66.6		3,000-	100.0-
	EXHIBITIONS & PROMO	3000			3000	66.6		3,000-	100.0-
	DUES AND MEMBERSHIPS 6840	1000			1000	66.6		1,000-	100.0-
	REGISTRATION FEE/TUITI 6845	2500	550	930	1020	66.6	37.2	1,104-	44.1-
	SERVICES NOT SPECIFIED 6999	1000		200	800	66.6	20.0	700-	70.0-
	OTHER SERVICES & CHA	7500	550	1130	5820	66.6	15.0	5,804-	77.3-
827	OTHER SERVICES & CHAR	104600	1,243	34388	68970	66.6	32.8	53,018-	50.6-
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP. 7325								
	DATA PROCESSING EQUIP. 7327								
	OTHER EQUIPMENT 7399	8044	8,044			66.6		8,044-	100.0-
	MACHINERY AND EQUIPM	8044	8,044			66.6		8,044-	100.0-
	VEHICLES								
	AUTOMOBILES 7400								
	VEHICLES								

-----	CAPITAL OUTLAY	8044	8,044	-----	-----	66.6		8,044-	100.0-
18334	EXPENDITURES	383939	9,287	200076	174576	66.6	52.1	83,825-	21.8-

001095 - GENERAL FUND-G/G INS.OTH SER

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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	66.6	1,000-	100.0-
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	SALARIES	1000			1000	66.6	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							
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	EMPLOYEE BENEFITS							
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	PERSONAL SERVICES	1000			1000	66.6	1,000-	100.0-
	OFFICE SUPPLIES							
	PAPER 5003	1000			1000	66.6	1,000-	100.0-
	PRINTED FORMS 5005							
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	OFFICE SUPPLIES	1000			1000	66.6	1,000-	100.0-
OPERATING SUPPLIES								
	FOOD 5115							
	DIESEL FUEL 5257							
	WEARING APPAREL 5355							
	OTHER OPERATING MATL/S 5590	200		91	109	66.6	45.5	63- 31.5-
	UNALLOC. PETROLEUM PRO 5599							
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	OPERATING SUPPLIES	200		91	109	66.6	45.5	63- 31.5-
REPAIR & MAINTENANCE SP								
	OTHER REPAIR/MAINT. SP 5990							
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	REPAIR & MAINTENANCE							
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	SUPPLIES AND EXPENSES	1200		91	1109	66.6	7.5	1,063- 88.5-
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							
78475	LEGAL 6025	628405		616022	12383	66.6	98.0	295,628 47.0

	CAFE PLAN-ADMIN.COSTS	6026	4500		4500	66.6		4,500-	100.0-
1933	MEDICAL	6027	37500	17941	19559	66.6	47.8	10,588-	28.2-
30479	MEDICAL ANALYSIS-EMP C	6027 01	384000	282580	101420	66.6	73.5	39,870	10.3
	UNALLOC.WELLNESS/HOSP.	6028	200		200	66.6		200-	100.0-
	IN-SERVICE TRAINING	6029	1250		1250	66.6		1,250-	100.0-
	ENTERTAINMENT	6033							
	DATA PROCESSING	6035							
	EMER.SHELTER/MDA GRANT	6040							
	I.P.-HYBERPLASTIC/MDA	6041							
	COPS-SECURE SCHLS/OJP	6042							
4950	NLC FINANCIAL INITIATI	6043	30650	11490	19160	66.6	37.4	13,414-	43.7-
	CONTRIB FUNDED EVENTS	6046							
	COMMUNITY CONVERSATIO	6046 01	1500	29	1471	66.6	1.9	1,456-	97.0-
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	CONTRIB FUNDED EVEN		1500	29	1471	66.6	1.9	1,456-	97.0-
5040	OTHER PROFESSIONAL SER	6049	692945	54436	638509	66.6	7.8	611,291-	88.2-
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120877	PROFESSIONAL SERVICE		1780950	982499	798451	66.6	55.1	307,201-	17.2-
	COMMUNICATIONS								
11977	TELEPHONE AND TELEGRAP	6060	105000	99309	5691	66.6	94.5	43,963	41.8
	TELEPHONE RENT	6065							
	NETWORK	6068	1200		1200	66.6		1,200-	100.0-
	POSTAGE	6070	53000	18202	34798	66.6	34.3	25,696-	48.4-
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11977	COMMUNICATIONS		159200	117511	41689	66.6	73.8	17,066	10.7
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	9300	1051	8249	66.6	11.3	7,723-	83.0-
	MESSENGER/EXPRESS SERV	6130							
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	TRANSPORTATION		9300	1051	8249	66.6	11.3	7,723-	83.0-
	ADVERTISING								
	UNALLOCATED ADVERTISIN	6155	15500	11234	4266	66.6	72.4	1,351	8.7
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	ADVERTISING		15500	11234	4266	66.6	72.4	1,351	8.7
	PRINTING AND BINDING								
264	PRINTING	6200	4000	1022	2978	66.6	25.5	2,466-	61.6-
	BINDING	6205							
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264	PRINTING AND BINDING		4000	1022	2978	66.6	25.5	2,466-	61.6-
	INSURANCE								
377-	FIRE & EXTENDED COVERA	6250	200000	587	199413	66.6	.2	199,119-	99.5-
	PUBLIC LIAB/PROPERTY D	6255	450000	447328	2672	66.6	99.4	220,992	49.1
	BOILER MACHINERY	6260							
	SURETY AND FORGERY BON	6270	1000	794	206	66.6	79.4	191	19.1
	OTHER INSURANCE	6299	3810	1081	2729	66.6	28.3	2,188-	57.4-
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377-	INSURANCE		654810	449790	205020	66.6	68.6	19,875	3.0
	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	66.6	129.2	32,412	93.9

OTHER REPAIRS AND MAIN 6399 FBC

-----	REPR/MAINT-OUTSIDE L	34500	1,062	44608	11171-	66.6	129.2	32,412	93.9
	OTHER SERVICES & CHARGE								
	SETTLEMT OF DAMAGE CLA 6700	150000		150000		66.6	100.0	75,000	50.0
	LATE PAYMENT CHARGE 6705	95		93	2	66.6	97.8	44	46.3
	COURT COSTS 6710								
	THEFT LOSS 6818								
5600	PROP.TAX COLL. FEES .0 6830	55000		44311	10689	66.6	80.5	11,466	20.8
769	PROP.TAX COLL. FEES.00 6831	80000		87337	7337-	66.6	109.1	51,005	63.7
131	BANK SERV/TRF FEE 6832	2100		1658	442	66.6	78.9	387	18.4
	DUES AND MEMBERSHIPS 6840	25000		18330	6670	66.6	73.3	2,495	9.9
	REGISTRATION FEE/TUITI 6845	4800		610	4190	66.6	12.7	3,884-	80.9-
	PROPERTY TAXES 6995								
	LOBBYING 6998								
	SERVICES NOT SPECIFIED 6999	9905		2395	7510	66.6	24.1	6,312-	63.7-
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6500	OTHER SERVICES & CHA	326900		304735	22165	66.6	93.2	130,202	39.8
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139239	OTHER SERVICES & CHAR	2985160	1,062	1912452	1071646	66.6	64.0	116,482-	3.9-
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP. 7325								
	DATA PROCESSING EQUIP. 7327								
	COMMUNICATION EQUIPMEN 7355								
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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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139239	EXPENDITURES	2987360	1,062	1912542	1073755	66.6	64.0	118,546-	3.9-

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
12997	REGULAR WAGES 4000	179989		100376	79613	66.6 55.7	29,425-	16.3-
	DISASTER RECOVERY WAGE 4010							
	OVERTIME 4300			655	655-		982	
	DISASTER RECOVERY OVER 4310							
12997	SALARIES	179989		101031	78958	66.6 56.1	28,442-	15.8-
EMPLOYEE BENEFITS								
2047	STATE RETIREMENT 4600	28348		15912	12436	66.6 56.1	4,480-	15.8-
970	F.I.C.A. TAXES 4700	16829		7568	9261	66.6 44.9	5,477-	32.5-
1895	HOSPITALIZATION INS. 4800	26400		16492	9908	66.6 62.4	1,662-	6.2-
	UNEMPLOYMENT BENEFITS 4900	500			500	66.6	500-	100.0-
	WORKMAN'S COMPENSATION 4910	2974			2974	66.6	2,974-	100.0-
4913	EMPLOYEE BENEFITS	75051		39973	35078	66.6 53.2	15,091-	20.1-
17910	PERSONAL SERVICES	255040		141003	114037	66.6 55.2	43,535-	17.0-
OFFICE SUPPLIES								
	PAPER 5003	200			200	66.6	200-	100.0-
	PRINTED FORMS 5005							
200	OTHER EXPENDABLE OFF.S 5010	500		210	290	66.6 42.0	184-	36.8-
	MINOR OFFICE EQUIP/FUR 5020	3639		1639	2000	66.6 45.0	1,180-	32.4-
	MICROFILM SUPPLIES 5030							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080							
200	OFFICE SUPPLIES	4339		1849	2490	66.6 42.6	1,565-	36.0-
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100							
	FOOD 5115	600		396	204	66.6 66.0	6-	1.0-
20	GAS AND OIL 5250	1500		404	1096	66.6 26.9	894-	59.6-
	MINOR EQUIPMENT 5460							
	OTHER OPERATING MATL/S 5590	400		65	335	66.6 16.2	302-	75.5-
	OTHER OPER.MATL-BROWNS 5591							
20	OPERATING SUPPLIES	2500		865	1635	66.6 34.6	1,202-	48.0-
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600							
	MTR VEHICLE REP. PTS/S 5700	1000		455	545	66.6 45.5	317-	31.7-
	MINOR COMPUTER EQUIP. 5800							
	OTHER REPAIR/MAINT. SP 5990							
6320	DISASTER REPAIR SUPPLI 5995	25000	7,157	12490	5352	66.6 49.9	6,264-	25.0-

6320	REPAIR & MAINTENANCE	26000	7,157	12945	5897	66.6	49.7	6,582-	25.3-
6541	SUPPLIES AND EXPENSES	32839	7,157	15658	10023	66.6	47.6	9,351-	28.4-
	PROFESSIONAL SERVICES								
	CONSULTANT SERV-BROWNS 6020			37250		66.6	100.0	18,625	50.0
	DATA PROCESSING 6035	37250							
	MICROFILM PROCESSING 6037			189	14811	66.6	1.2	14,716-	98.1-
	OTHER PROFESSIONAL SER 6049	15000							
	PROFESSIONAL SERVICE	52250		37439	14811	66.6	71.6	3,908	7.4
241	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP 6060	1000		731	269	66.6	73.1	96	9.6
	POSTAGE 6070								
241	COMMUNICATIONS	1000		731	269	66.6	73.1	96	9.6
	TRANSPORTATION								
	TRAVEL EXPENSE 6110	3500		830	2670	66.6	23.7	2,254-	64.4-
	TRVL EXP-BROWNSFIELD P 6116								
	FREIGHT 6120								
	MESSENGER/EXPRESS SERV 6130								
	TRANSPORTATION	3500		830	2670	66.6	23.7	2,254-	64.4-
	ADVERTISING								
	ADVERTISING 6150	1300		110	1190	66.6	8.4	1,134-	87.2-
	ADVERTISING	1300		110	1190	66.6	8.4	1,134-	87.2-
	PRINTING AND BINDING								
	PRINTING 6200								
	BINDING 6205								
	PRINTING AND BINDING								
	INSURANCE								
	SURETY AND FORGERY BON 6270								
	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
11420	BUILDING R&M 6350			75462	250315	66.6	17.9	306,820-	73.0-
	DISASTER REPAIRS 6351	420014	94,237						
	OFFICE EQUIPMENT R&M 6365								
	MOTOR VEHICLE EQ. R&M 6384	700		225	475	66.6	32.1	362-	51.7-
	OTHER REPAIRS AND MAIN 6399								
11420	REPR/MAINT-OUTSIDE L	420714	94,237	75687	250790	66.6	17.9	307,183-	73.0-
	RENTALS								
	OFFICE EQUIPMENT RENT 6410								
	OTHER RENT 6449								
	RENTALS								
	OTHER SERVICES & CHARGE								
	EXHIBITIONS & PROMOTIO 6500								

25-	DISABILITY AWARENESS 6500 03	750		491-	1241	66.6	65.4	13-	1.7-
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25-	EXHIBITIONS & PROMO	750		491-	1241	66.6	65.4	13-	1.7-
	DUES AND MEMBERSHIPS 6840	500			500	66.6		500-	100.0-
	REGISTRATION FEE/TUITI 6845	500		238	262	66.6	47.6	142-	28.4-
	SERVICES NOT SPECIFIED 6999								
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25-	OTHER SERVICES & CHA	1750		253-	2003	66.6	14.4	1,370-	78.2-
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11636	OTHER SERVICES & CHAR	480514	94,237	114544	271733	66.6	23.8	308,698-	64.2-
	ENVIRON PROJ-BROWNSFI 7296 04								
	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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36087	EXPENDITURES	768393	101,394	271206	395793	66.6	35.2	361,583-	47.0-

001100 - GENERAL FUND-POLICE/PUB.SFTY

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
436389	REGULAR WAGES 4000	6956029		3633770	3322259	66.6 52.2	1,505,373-	21.6-
1666-	DISASTER RECOVERY WAGE 4010			142848	142848-		214,272	
62020	OVERTIME 4300	700000		658853	41147	66.6 94.1	288,279	41.1
2736	DISASTER RECOVERY OVER 4310			108850	108850-		163,275	
499478	SALARIES	7656029		4544321	3111708	66.6 59.3	839,547-	10.9-
EMPLOYEE BENEFITS								
77392	STATE RETIREMENT 4600	1205824		705836	499988	66.6 58.5	147,070-	12.1-
36799	F.I.C.A. TAXES 4700	586453		336322	250131	66.6 57.3	81,969-	13.9-
68623	HOSPITALIZATION INS. 4800	1151500		715468	436032	66.6 62.1	78,298-	6.7-
	UNEMPLOYMENT BENEFITS 4900	8000		34-	8034	66.6 .4	7,948-	99.3-
	WORKMAN'S COMPENSATION 4910	172344			172344	66.6	172,344-	100.0-
182814	EMPLOYEE BENEFITS	3124121		1757592	1366529	66.6 56.2	487,733-	15.6-
682292	PERSONAL SERVICES	10780150		6301913	4478237	66.6 58.4	1,327,280-	12.3-
OFFICE SUPPLIES								
23	PAPER 5003	5000		1658	3342	66.6 33.1	2,512-	50.2-
	PRINTED FORMS 5005							
158	OTHER EXPENDABLE OFF.S 5010	7020	464	4387	2169	66.6 62.4	439-	6.2-
179	EXPENDABLE OFF.SPL-LIF 5012	1500		1414	86	66.6 94.2	621	41.4
	MINOR OFFICE EQUIP/FUR 5020	6700	164	3075	3461	66.6 45.8	2,087-	31.1-
	MICROFILM SUPPLIES 5030							
6	PHOTO SUPPLIES 5040	1400		6	1394	66.6 .4	1,390-	99.2-
	SUBSCRIPTIONS,MAGS,MAP 5050	5300		4060	1240	66.6 76.6	790	14.9
30	BOOKS 5070	800		30	770	66.6 3.7	754-	94.2-
	COMPUTER SUPPLIES 5080	7000		6861	139	66.6 98.0	3,291	47.0
	COMPUTR SUP-LLEBG '01 5081							
	COMPUTR SUP-COPS MORE' 5082							
396	OFFICE SUPPLIES	34720	628	21490	12602	66.6 61.8	2,484-	7.1-
OPERATING SUPPLIES								
2330	CLEANING/JANITORIAL SP 5100	8000		6267	1733	66.6 78.3	1,400	17.5
	HOUSEHOLD SUPPLIES 5110							
900	FOOD 5115	2500	100	1369	1031	66.6 54.7	446-	17.8-
	MEDICAL SUPPLIES 5120							
	CHEMICALS 5130							
	FEED FOR ANIMALS 5150	2500		1028	1472	66.6 41.1	958-	38.3-
19260	GAS AND OIL 5250	187450		157358	30092	66.6 83.9	48,587	25.9
	LUBRICANTS 5255							
123	DIESEL FUEL 5257	3000		1653	1347	66.6 55.1	520-	17.3-
	OTHER FUEL 5260							

6011	UNIFORMS, BADGES, ETC.	5350	61672	4,972	56250	450	66.6	91.2	22,703	36.8
	WEARING APPAREL	5355	24009	16,645	150	7214	66.6	.6	23,783-	99.0-
	ASPHALT & ASPHALT PROD	5400								
	CONCRETE, CEMENT, ETC.	5405								
	HORT./LANDSCAPING SPLY	5440								
	HAND TOOLS	5450								
3593	MINOR EQUIPMENT	5460	40100	152	22522	17426	66.6	56.1	6,316-	15.7-
	MINOR EQUIP-BYRNE '15	5461	17438		17438		66.6	100.0	8,719	50.0
	MINOR EQUIP-BYRNE '16	5463								
	MINOR EQ-LLEBG/BYRNE'0	5464								
2600	OTHER OPERATING MATL/S	5590	62661	1,079	58319	3263	66.6	93.0	24,817	39.6
	OTHER OPER.MATL-METH.G	5591								
	OTHER OPER.MATLS-PRO S	5592								
	OTHER OPER.-ALCOHOL CN	5593								
	OTHER OPER-VICTIM ADVO	5594	1000		160	840	66.6	16.0	760-	76.0-
	OTHER OPER-LAW ENF.LIA	5596								
34816	OPERATING SUPPLIES		410330	22,948	322514	64868	66.6	78.5	73,441	17.8
	REPAIR & MAINTENANCE SP									
	BUILDING MATERIALS & S	5600	2497		123	2374	66.6	4.9	2,312-	92.5-
	ELECTRICAL SUPPLIES	5605	2000		239	1761	66.6	11.9	1,641-	82.0-
	PLUMBING SUPPLIES	5610								
	PAINT AND PAINTING SPL	5650								
9226	MTR VEHICLE REP. PTS/S	5700	97015	657	95280	1078	66.6	98.2	45,905	47.3
1815	COMMUNICATION REPAIR P	5750	4500		1815	2685	66.6	40.3	1,777-	39.4-
	AGRICLTRL REPAIR PTS/S	5755								
	EXPENDABLE WELDING SPL	5770								
	MINOR COMPUTER EQUIP.	5800								
3407	OTHER REPAIR/MAINT. SP	5990	10309	2,737	7365	207	66.6	71.4	738	7.1
	REPR SPLY-8/29/05 STOR	5995	625		625		66.6	100.0	312	49.9
14449	REPAIR & MAINTENANCE		116946	3,394	105446	8105	66.6	90.1	41,223	35.2
49661	SUPPLIES AND EXPENSES		561996	26,970	449450	85575	66.6	79.9	112,179	19.9
	PROFESSIONAL SERVICES									
	LEGAL	6025								
	MEDICAL	6027	8000		5345	2655	66.6	66.8	17	.2
	VETERINARIAN	6030	3000		768	2232	66.6	25.6	1,848-	61.6-
	ENTERTAINMENT	6033								
	DATA PROCESSING	6035								
	MICROFILM PROCESSING	6037								
	METRO CRIME STOPPERS	6039								
	OTHER PROF.-ALCOHOL CN	6047								
	OTHER PROF.-VICTIM'S A	6048								
11968	OTHER PROFESSIONAL SER	6049	44200		42784	1416	66.6	96.7	19,976	45.1
	POL.LATERAL TRNG FEE	6049 26								
11968	PROFESSIONAL SERVICE		55200		48897	6303	66.6	88.5	18,145	32.8
	COMMUNICATIONS									
11661	TELEPHONE AND TELEGRAP	6060	34000		34917	917-	66.6	102.6	18,375	54.0
	TELEPHONE-GRANT	6060 GRANT								

1770	TELEPHONE RENT	6065	2000		1770	230	66.6	88.5	655	32.7
	NETWORK WIRELESS	6069	8000	1,436	2980	3584	66.6	37.2	3,530-	44.1-
45	POSTAGE	6070	100		90	10	66.6	90.0	35	35.0
	OTHER COMMUNICATION EX	6099								
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13475	COMMUNICATIONS		44100	1,436	39756	2908	66.6	90.1	15,534	35.2
	TRANSPORTATION									
642	TRAVEL EXPENSE	6110	17700		8849	8851	66.6	49.9	4,426-	25.0-
	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	66.6		874-	100.0-
14	FREIGHT	6120	1749	25	1720	4	66.6	98.3	831	47.5
10	MESSENGER/EXPRESS SERV	6130	1060	13	390	657	66.6	36.7	474-	44.7-
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666	TRANSPORTATION		21383	38	10960	10386	66.6	51.2	4,943-	23.1-
	ADVERTISING									
	ADVERTISING	6150	8000		1250	6750	66.6	15.6	6,124-	76.5-
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	ADVERTISING		8000		1250	6750	66.6	15.6	6,124-	76.5-
	PRINTING AND BINDING									
6	PRINTING	6200	1000		240	760	66.6	24.0	640-	64.0-
	BINDING	6205								
	FILM PROCESSING	6240								
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6	PRINTING AND BINDING		1000		240	760	66.6	24.0	640-	64.0-
	INSURANCE									
	FIRE & EXTENDED COVERA	6250								
	PUBLIC LIAB/PROPERTY D	6255								
	BOILER MACHINERY	6260								
18659	AUTOMOBILE INSURANCE	6265	18700		18659	41	66.6	99.7	9,288	49.6
	SURETY AND FORGERY BON	6270	300		200	100	66.6	66.6		
	OTHER INSURANCE	6299								
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18659	INSURANCE		19000		18859	141	66.6	99.2	9,288	48.8
	UTILITIES									
408	GAS	6300	3000		4703	1703-	66.6	156.7	4,054	135.1
8685	ELECTRICITY	6305	81517		52015	29502	66.6	63.8	3,494-	4.2-
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9093	UTILITIES		84517		56718	27799	66.6	67.1	560	.6
	REPR/MAINT-OUTSIDE LABO									
	BUILDING R&M	6350								
	8/29/05 STORM REPAIRS	6353								
	ELECTRICAL R&M	6355								
	PLUMBING EQUIPMENT R&M	6357								
	OFFICE EQUIPMENT R&M	6365	33000		28800	4200	66.6	87.2	10,200	30.9
	OFF.EQ.R&M-COPS MORE	6366								
	HOUSEHOLD EQUIPMENT R&	6370								
992	FIXED EQUIPMENT R&M	6380	10000		7485	2515	66.6	74.8	1,227	12.2

6778	MINOR EQUIPMENT R&M	6382								
	MOTOR VEHICLE EQ. R&M	6384	59500	890	56967	1643	66.6	95.7	25,950	43.6
	AGRICULTURAL EQ. R&M	6387								
	COMMUNICATION EQ. R&M	6390								
	CLEANING AND PAINTING	6392								
48	DISINFECT./EXTERMINATI	6394	1000		828	172	66.6	82.8	242	24.2
	SIGN PAINTING	6396								
405	TOW IN CHARGES	6398	4000		2720	1280	66.6	68.0	80	2.0
	OTHER REPAIRS AND MAIN	6399								
8223	REPR/MAINT-OUTSIDE L		107500	890	96799	9811	66.6	90.0	37,698	35.0
	RENTALS									
745	OFFICE EQUIPMENT RENT	6410	7200		5030	2170	66.6	69.8	345	4.7
	MOTORCYCLE RENT	6417	45820		24840	20980	66.6	54.2	8,560-	18.6-
	CYLINDER RENT	6425	800			800	66.6		800-	100.0-
	UNIFORM RENT	6430								
	MOP-MAT-RAG RENT	6435								
	OTHER RENT	6449								
745	RENTALS		53820		29870	23950	66.6	55.4	9,014-	16.7-
	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								
200	REFUNDS									
	NSF CHECKS	6836	2000		1130	870	66.6	56.5	304-	15.2-
	DUES AND MEMBERSHIPS	6840	3500		1813	1687	66.6	51.8	780-	22.2-
853	REGISTRATION FEE/TUITI	6845	11670		3753	7917	66.6	32.1	6,040-	51.7-
	LAUNDRY	6850								
	SERVICES NOT SPECIFIED	6999								
1053	OTHER SERVICES & CHA		17170		6695	10475	66.6	38.9	7,127-	41.5-
63889	OTHER SERVICES & CHAR		411690	2,364	310045	99282	66.6	75.3	53,377	12.9
	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		66.6 100.0		19,999	50.0
	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								
7385	OFFICE FURN/EQUIP. 7325	129252		67555	61697	66.6 52.2		27,919-	21.6-
	COPS TECH GRANT EQUIP 7326								
	DATA PROCESSING EQUIP. 7327	142985		128058	14927	66.6 89.5		49,102	34.3
	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								
-----	OTHER EQUIPMENT 7399	437409	5,720	280897	150792	66.6 64.2		16,063-	3.6-
7385	MACHINERY AND EQUIPM	749644	5,720	516508	227416	66.6 68.9		25,118	3.3
	VEHICLES								
	AUTOMOBILES 7400								
	AUTOMOBILES-METH GRANT 7401								
	AUTOMOBILES-BYRNE GRAN 7402								
	MOTORCYCLES 7405								
-----	PICK UP TRUCKS 7420	-----	-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
	OTHER								
	ZOOLOGICAL ANIMALS 7505								
-----	OTHER	-----	-----	-----	-----	-----	-----	-----	-----
7385	CAPITAL OUTLAY	749644	5,720	516508	227416	66.6 68.9		25,118	3.3
803227	EXPENDITURES	12503480	35,054	7577916	4890509	66.6 60.6		1,136,606-	9.0-

CITY OF HATTIESBURG
EXPENDITURE REPORT

8 Months Ending 05/31/17

THIS MONTH			ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	...PROJECTED...		
ACTUAL		OBJ/SUB	BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN	ACTUAL	OVER/UNDER	%
	SALARIES									
1775	REGULAR WAGES	4000	23080		15091	7989	66.6	65.3	443-	1.9-
	DISASTER RECOVERY WAGE	4010								
29	OVERTIME	4300	1000		197	803	66.6	19.7	704-	70.4-
	DISASTER RECOVERY OVER	4310								
1805	SALARIES		24080		15288	8792	66.6	63.4	1,148-	4.7-
	EMPLOYEE BENEFITS									
284	STATE RETIREMENT	4600	3793		2408	1385	66.6	63.4	181-	4.7-
116	F.I.C.A. TAXES	4700	1842		992	850	66.6	53.8	354-	19.2-
500	HOSPITALIZATION INS.	4800	6600		4500	2100	66.6	68.1	150	2.2
	UNEMPLOYMENT BENEFITS	4900	500			500	66.6		500-	100.0-
	WORKMAN'S COMPENSATION	4910	82			82	66.6		82-	100.0-
900	EMPLOYEE BENEFITS		12817		7900	4917	66.6	61.6	967-	7.5-
2705	PERSONAL SERVICES		36897		23188	13709	66.6	62.8	2,115-	5.7-
	OFFICE SUPPLIES									
	PAPER	5003	750	312	198	240	66.6	26.4	452-	60.2-
35	PRINTED FORMS	5005	100		69	32	66.6	69.0	3	3.0
	OTHER EXPENDABLE OFF.S	5010	3950	692	1399	1859	66.6	35.4	1,851-	46.8-
	SPLY-RRT COORDINATOR	5013								
	MINOR OFFICE EQUIP/FUR	5020	900			900	66.6		900-	100.0-
	CASSETTES, TAPES	5035								
	PHOTO SUPPLIES	5040	875		825	50	66.6	94.2	362	41.3
	SUBSCRIPTIONS,MAGS,MAP	5050	500			500	66.6		500-	100.0-
	BOOKS-POLICE	5070	2000		306	1694	66.6	15.3	1,540-	77.0-
	BOOKS-FIRE	5071	2000		53	1947	66.6	2.6	1,920-	96.0-
725	COMPUTER SUPPLIES	5080	3000		725	2275	66.6	24.1	1,912-	63.7-
760	OFFICE SUPPLIES		14075	1,004	3575	9496	66.6	25.3	8,712-	61.8-
	OPERATING SUPPLIES									
	CLEANING/JANITORIAL SP	5100	3000	456	1543	1001	66.6	51.4	685-	22.8-
	HOUSEHOLD SUPPLIES	5110	750		55	695	66.6	7.3	667-	88.9-
151	FOOD	5115	2200	100	895	1205	66.6	40.6	857-	38.9-
	MEDICAL SUPPLIES	5120	600		474	126	66.6	79.0	111	18.5
	GAS AND OIL	5250	200		14	186	66.6	7.0	178-	89.0-
	WEARING APPAREL-POLICE	5355	2500		1024	1476	66.6	40.9	964-	38.5-
	WEARING APPAREL-FIRE	5356	2500		708	1792	66.6	28.3	1,438-	57.5-
	ASPHALT & ASPHALT PROD	5400								
	CONCRETE, CEMENT, ETC.	5405	2000			2000	66.6		2,000-	100.0-
	BRICK, STONE,MORTAR,ETC	5410								
	SAND,CLAY,GRVL,FILL DI	5415								

	HORT./LANDSCAPING SPLY	5440	500		9-	509	66.6	1.8	486-	97.2-
	HAND TOOLS	5450	1500			1500	66.6		1,500-	100.0-
	MINOR EQUIPMENT-POLICE	5460	17007	87	14112	2808	66.6	82.9	4,161	24.4
	MINOR EQUIPMENT-FIRE	5462	10000		26-	10026	66.6	.2	9,960-	99.6-
	MINOR EQUIP-REGIONAL R	5463	7500			7500	66.6		7,500-	100.0-
	SWIFT WATER RESCUE SUP	5465	7500			7500	66.6		7,500-	100.0-
	HAZ.MAT SUPPLIES	5466	5000		700	4300	66.6	14.0	3,950-	79.0-
	P&F CLASSES-(FEE) SUPP	5469								
	OTHER OPER.MATL-POLICE	5590	12500		3562	8938	66.6	28.4	7,156-	57.2-
	OTHER OPER.MATL-FIRE	5591	12500		430	12070	66.6	3.4	11,854-	94.8-
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151	OPERATING SUPPLIES		87757	643	23481	63633	66.6	26.7	52,535-	59.8-
	REPAIR & MAINTENANCE SP									
	BUILDING MATERIALS & S	5600	6000		1059	4941	66.6	17.6	4,411-	73.5-
	ELECTRICAL SUPPLIES	5605	1450			1450	66.6		1,450-	100.0-
	PLUMBING SUPPLIES	5610	1000		100	900	66.6	10.0	850-	85.0-
	PAINT AND PAINTING SPL	5650	750		17	733	66.6	2.2	724-	96.5-
	MTR VEHICLE REP. PTS/S	5700	1200			1200	66.6		1,200-	100.0-
	OTHER REPAIR/MAINT. SP	5990	2500	60	412	2028	66.6	16.4	1,882-	75.2-
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	REPAIR & MAINTENANCE		12900	60	1588	11252	66.6	12.3	10,518-	81.5-
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912	SUPPLIES AND EXPENSES		114732	1,707	28644	84381	66.6	24.9	71,766-	62.5-
	PROFESSIONAL SERVICES									
	MEDICAL	6027	100			100	66.6		100-	100.0-
	P&F CLASSES-(FEE) SERV	6045								
366	OTHER PROFESSIONAL SER	6049	3200		3052	148	66.6	95.3	1,378	43.0
	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	66.6		15,225-	100.0-
	OTHER	6049 99								
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366	OTHER PROFESSIONAL		18425		3052	15373	66.6	16.5	13,847-	75.1-
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366	PROFESSIONAL SERVICE		18525		3052	15473	66.6	16.4	13,947-	75.2-
	COMMUNICATIONS									
	TELEPHONE AND TELEGRAP	6060	750		540	210	66.6	72.0	60	8.0
	TELEPHONE-RRT COORDINA	6060 GRANT								
	POSTAGE	6070	100		29	71	66.6	29.0	56-	56.0-
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	COMMUNICATIONS		850		569	281	66.6	66.9	3	.3
	TRANSPORTATION									
129	TRVL EXP-POLICE	6110	6011	1,059	1392	3561	66.6	23.1	3,923-	65.2-
717	TRVL EXP-FIRE	6111	7000		2366	4634	66.6	33.8	3,450-	49.2-
	TRVL EXP-RRT COORDINAT	6112								
	TRVL EXP-RESPONSE TEAM	6116								
	FREIGHT	6120	550	8	367	175	66.6	66.7		

846	TRANSPORTATION		13561	1,067	4125	8369	66.6	30.4	7,373-	54.3-
	ADVERTISING									
	ADVERTISING	6150	2500			2500	66.6		2,500-	100.0-
	ADVERTISING		2500			2500	66.6		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									
84	GAS	6300	3000		1803	1197	66.6	60.1	295-	9.8-
1192	ELECTRICITY	6305	18000		9021	8979	66.6	50.1	4,468-	24.8-
	WATER	6315								
1276	UTILITIES		21000		10824	10176	66.6	51.5	4,764-	22.6-
	REPR/MAINT-OUTSIDE LABO									
	BUILDING R&M	6350	6900		120	6780	66.6	1.7	6,720-	97.3-
	DISASTER REPAIRS	6351	45		45		66.6	100.0	22	48.8
	OFFICE EQUIPMENT R&M	6365								
	MINOR EQUIPMENT R&M	6382	150			150	66.6		150-	100.0-
	MOTOR VEHICLE EQ. R&M	6384	1000			1000	66.6		1,000-	100.0-
	CLEANING AND PAINTING	6392	500			500	66.6		500-	100.0-
48	DISINFECT./EXTERMINATI	6394	1300		754	546	66.6	58.0	168-	12.9-
	OTHER REPAIRS AND MAIN	6399	1500		49	1451	66.6	3.2	1,426-	95.0-
48	REPR/MAINT-OUTSIDE L		11395		968	10427	66.6	8.4	9,943-	87.2-
	RENTALS									
	OTHER RENT	6449	4000		1027	2973	66.6	25.6	2,459-	61.4-
	RENTALS		4000		1027	2973	66.6	25.6	2,459-	61.4-
	OTHER SERVICES & CHARGE									
	PETTY CASH LOSS/STORM	6818								
	DUES AND MEMBERSHIPS	6840	250		180	70	66.6	72.0	20	8.0
1275	REGISTRATN FEE-POLICE	6845	7000		3219	3781	66.6	45.9	2,171-	31.0-
788	REGISTRATN FEE-FIRE	6846	15000		3983	11017	66.6	26.5	9,025-	60.1-
	SERVICES NOT SPECIFIED	6999								
2063	OTHER SERVICES & CHA		22250		7382	14868	66.6	33.1	11,176-	50.2-
4599	OTHER SERVICES & CHAR		94081	1,067	27948	65067	66.6	29.7	52,159-	55.4-
	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	-----	-----	33000	66.6	33,000-	100.0-
-----	BUSES 7410	-----	-----	-----	-----	-----	-----	-----
-----	VEHICLES	33000	-----	-----	33000	66.6	33,000-	100.0-
-----	CAPITAL OUTLAY	33000	-----	-----	33000	66.6	33,000-	100.0-
-----	EXPENDITURES	278710	2,774	79779	196157	66.6 28.6	159,041-	57.0-
8215								

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

ANNUAL OPEN PO

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	 PROJECTED OVER/UNDER	%
		SALARIES							
339891		REGULAR WAGES	4000		2768396	1906711	66.6 59.2	522,513-	11.1-
		DISASTER RECOVERY WAGE	4010		20443	20443-		30,664	
54064		OVERTIME	4300		597841	147841-	66.6 132.8	446,761	99.2
		DISASTER RECOVERY OVER	4310		2335	2335-		3,502	
-----			-----	-----	-----	-----	-----	-----	-----
393955		SALARIES	5125107		3389016	1736091	66.6 66.1	41,583-	.8-
		EMPLOYEE BENEFITS							
61381		STATE RETIREMENT	4600		528153	279051	66.6 65.4	14,974-	1.8-
28272		F.I.C.A. TAXES	4700		244582	147488	66.6 62.3	25,196-	6.4-
58500		HOSPITALIZATION INS.	4800		522400	289400	66.6 64.3	28,200-	3.4-
		UNEMPLOYMENT BENEFITS	4900		6000	6000	66.6	6,000-	100.0-
		WORKMAN'S COMPENSATION	4910		218747	218747	66.6	218,747-	100.0-
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148153		EMPLOYEE BENEFITS	2235821		1295135	940686	66.6 57.9	293,118-	13.1-
-----			-----	-----	-----	-----	-----	-----	-----
542108		PERSONAL SERVICES	7360928		4684151	2676777	66.6 63.6	334,701-	4.5-
		OFFICE SUPPLIES							
		PAPER	5003	74	396	30	66.6 79.2	94	18.8
395		PRINTED FORMS	5005		395	5	66.6 98.7	192	48.0
361		OTHER EXPENDABLE OFF.S	5010	113	1771	4116	66.6 29.5	3,343-	55.7-
		MINOR OFFICE EQUIP/FUR	5020		1601	663	66.6 70.7	137	6.0
		CASSETTES, TAPES	5035						
		PHOTO SUPPLIES	5040						
		SUBSCRIPTIONS,MAGS,MAP	5050						
		BOOKS	5070		141	859	66.6 14.1	788-	78.8-
		COMPUTER SUPPLIES	5080	16	965	19	66.6 96.5	447	44.7
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756		OFFICE SUPPLIES	11164	203	5269	5692	66.6 47.1	3,260-	29.2-
		OPERATING SUPPLIES							
1733		CLEANING/JANITORIAL SP	5100		9200	1400	66.6 86.7	3,200	30.1
88		HOUSEHOLD SUPPLIES	5110		410	3590	66.6 10.2	3,384-	84.6-
		FOOD	5115		168	232	66.6 42.0	148-	37.0-
13		MEDICAL SUPPLIES	5120		612	4788	66.6 11.3	4,482-	83.0-
		LABORATORY SUPPLIES	5125						
		CHEMICALS	5130						
1389		GAS AND OIL	5250		6976	15024	66.6 31.7	11,536-	52.4-
67		LUBRICANTS	5255		3090	710	66.6 81.3	835	21.9
3589		DIESEL FUEL	5257		31743	26257	66.6 54.7	10,385-	17.9-
		OTHER FUEL	5260						
		UNIFORMS, BADGES, ETC.	5350	45,468	1777	7755	66.6 3.2	52,334-	95.1-
208		WEARING APPAREL	5355	40	12846	1114	66.6 91.7	5,269	37.6
		ASPHALT & ASPHALT PROD	5400						

[illegible]

	ADVERTISING		1800		1637	163	66.6	90.9	655	36.3
	PRINTING AND BINDING									
	PRINTING	6200	2320		1185	1135	66.6	51.0	542-	23.3-
	FILM PROCESSING	6240								
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	PRINTING AND BINDING		2320		1185	1135	66.6	51.0	542-	23.3-
	INSURANCE									
	PUBLIC LIAB/PROPERTY D	6255								
	BOILER MACHINERY	6260								
	AUTOMOBILE INSURANCE	6265								
	SURETY AND FORGERY BON	6270	125			125	66.6		125-	100.0-
	OTHER INSURANCE	6299								
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	INSURANCE		125			125	66.6		125-	100.0-
	UTILITIES									
397	GAS	6300	26975		10226	16749	66.6	37.9	11,635-	43.1-
5004	ELECTRICITY	6305	69000		38436	30564	66.6	55.7	11,346-	16.4-
26	WATER	6315	354		264	90	66.6	74.5	42	11.8
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5427	UTILITIES		96329		48927	47402	66.6	50.7	22,938-	23.8-
	REPR/MAINT-OUTSIDE LABO									
1310	BUILDING R&M	6350	33238		20570	12668	66.6	61.8	2,382-	7.1-
	DISASTER REPAIRS	6351	6646		6646		66.6	100.0	3,323	50.0
	8/29/05 STORM REPAIRS	6353	677		677		66.6	100.0	338	49.9
	ELECTRICAL R&M	6355	200			200	66.6		200-	100.0-
559	PLUMBING EQUIPMENT R&M	6357	1600		765	835	66.6	47.8	452-	28.2-
	STREETS & STRUCTURES R	6360								
322	OFFICE EQUIPMENT R&M	6365	3270		2178	1092	66.6	66.6	2-	
	HOUSEHOLD EQUIPMENT R&	6370	4000		1390	2610	66.6	34.7	1,914-	47.8-
4015	FIXED EQUIPMENT R&M	6380	6025		4615	1410	66.6	76.5	897	14.8
70	MINOR EQUIPMENT R&M	6382	3000	265	2159	575	66.6	71.9	238	7.9
458	MOTOR VEHICLE EQ. R&M	6384	63768	8,573	23196	31999	66.6	36.3	28,974-	45.4-
	AGRICULTURAL EQ. R&M	6387	500		122	378	66.6	24.4	316-	63.2-
	SCBA EQUIP. R&M	6389	13350		3738	9613	66.6	28.0	7,742-	57.9-
125	COMMUNICATION EQ. R&M	6390	4000		686	3314	66.6	17.1	2,970-	74.2-
	DISINFECT./EXTERMINATI	6394	2000		1474	526	66.6	73.7	211	10.5
	SIGN PAINTING	6396								
350	TOW IN CHARGES	6398	1600		1150	450	66.6	71.8	125	7.8
	OTHER REPAIRS AND MAIN	6399	3850		3467	383	66.6	90.0	1,350	35.0
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7209	REPR/MAINT-OUTSIDE L		147724	8,838	72833	66053	66.6	49.3	38,474-	26.0-
	RENTALS									
	OFFICE EQUIPMENT RENT	6410								
	MACHINERY RENT	6420	100			100	66.6		100-	100.0-
	CYLINDER RENT	6425	3000		2569	431	66.6	85.6	853	28.4
	UNIFORM RENT	6430								
	MOP-MAT-RAG RENT	6435								
300	OTHER RENT	6449	1600		600	1000	66.6	37.5	700-	43.7-
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300	RENTALS		4700		3169	1531	66.6	67.4	53	1.1
	OTHER SERVICES & CHARGE									
180-	DUES AND MEMBERSHIPS	6840	1300		973	327	66.6	74.8	159	12.2

	REGISTRATION FEE/TUITI	6845	1300	955	345	66.6	73.4	132	10.1
	LAUNDRY	6850	100		100	66.6		100-	100.0-
	SERVICES NOT SPECIFIED	6999	750	250	500	66.6	33.3	374-	49.8-
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180-	OTHER SERVICES & CHA		3450	2178	1272	66.6	63.1	182-	5.2-
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15700	OTHER SERVICES & CHAR		313231	8,906	147969	66.6	47.2	91,277-	29.1-
	BUILDING/BLD IMPROVEMEN								
	BUILDINGS	7100							
	FIRE STATION-PW8294	7100 20							
	FIRE STATION-CDBG	7100 21							
	STORAGE BUILDING	7100 23							
	PORTABLE BLDG-FIRE ST	7100 28		30,003	30003-				
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	BUILDINGS			30,003	30003-				
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	BUILDING/BLD IMPROVE			30,003	30003-				
	IMPROVEMENT OTHER THAN								
	PARKING LOT/DRIVEWAY	7227							
	LANDSCAPING	7250							
	OTHER IMPROVEMENTS	7295							
-----			-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	8/29/05 STORM EQUIP	7302							
	LABORATORY	7310							
	FIRE FIGHTING	7315	195492	83,195	110407	1890	66.6 56.4	29,881-	15.2-
	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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	MACHINERY AND EQUIPM		195492	83,195	110407	1890	66.6 56.4	29,881-	15.2-
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
	HEAVY TRUCKS	7430							
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	VEHICLES								
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	CAPITAL OUTLAY		195492	113,198	110407	28113-	66.6 56.4	29,881-	15.2-
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569205	EXPENDITURES		8184564	172,749	5104045	2907769	66.6 62.3	528,496-	6.4-

001180 - GENERAL FUND-LAND DEVEL.ADM.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES									
26302	REGULAR WAGES 4000	399998		229017	170981	66.6	57.2	56,472-	14.1-
	DISASTER RECOVERY WAGE 4010			1878	1878-			2,817	
4	OVERTIME 4300	1000		601	399	66.6	60.1	98-	9.8-
	DISASTER RECOVERY OVER 4310			1033	1033-			1,549	
26306	SALARIES	400998		232529	168469	66.6	57.9	52,204-	13.0-
EMPLOYEE BENEFITS									
4143	STATE RETIREMENT 4600	63157		36623	26534	66.6	57.9	8,222-	13.0-
1949	F.I.C.A. TAXES 4700	30676		17263	13413	66.6	56.2	4,781-	15.5-
6005	HOSPITALIZATION INS. 4800	92400		58210	34190	66.6	62.9	5,084-	5.5-
	UNEMPLOYMENT BENEFITS 4900	500			500	66.6		500-	100.0-
	WORKMAN'S COMPENSATION 4910	14732			14732	66.6		14,732-	100.0-
12097	EMPLOYEE BENEFITS	201465		112096	89369	66.6	55.6	33,321-	16.5-
38403	PERSONAL SERVICES	602463		344624	257839	66.6	57.2	85,527-	14.1-
OFFICE SUPPLIES									
139	PAPER 5003	2277		837	1440	66.6	36.7	1,021-	44.8-
	PRINTED FORMS 5005	500		347	153	66.6	69.4	20	4.0
16-	OTHER EXPENDABLE OFF.S 5010	3991		2300	1691	66.6	57.6	541-	13.5-
	MINOR OFFICE EQUIP/FUR 5020	4241		718	3523	66.6	16.9	3,163-	74.5-
	PHOTO SUPPLIES 5040	500			500	66.6		500-	100.0-
	SUBSCRIPTIONS,MAGS,MAP 5050	330		330		66.6	100.0	165	50.0
	BOOKS 5070	1000		75	925	66.6	7.5	887-	88.7-
	COMPUTER SUPPLIES 5080								
123	OFFICE SUPPLIES	12839		4608	8231	66.6	35.8	5,927-	46.1-
OPERATING SUPPLIES									
	FOOD 5115								
713	GAS AND OIL 5250	7880		5989	1891	66.6	76.0	1,103	13.9
	LUBRICANTS 5255								
	WEARING APPAREL 5355	2120	593	993	534	66.6	46.8	630-	29.7-
	MINOR EQUIPMENT 5460	100			100	66.6		100-	100.0-
	OTHER OPERATING MATL/S 5590								
713	OPERATING SUPPLIES	10100	593	6982	2525	66.6	69.1	373	3.6
REPAIR & MAINTENANCE SP									
	BUILDING MATERIALS & S 5600								
	PAINT AND PAINTING SPL 5650	3000		2060	940	66.6	68.6	90	3.0
260	MTR VEHICLE REP. PTS/S 5700	3900		3389	511	66.6	86.8	1,183	30.3
	COMMUNICATION REPAIR P 5750	100			100	66.6		100-	100.0-

260	REPAIR & MAINTENANCE	7000		5449	1551	66.6	77.8	1,173	16.7
1095	SUPPLIES AND EXPENSES	29939	593	17039	12307	66.6	56.9	4,380-	14.6-
	PROFESSIONAL SERVICES								
	DEMOLITION 6013	6300		6230	70	66.6	98.8	3,045	48.3
	ASBESTOS REMOVAL 6014	34100	2,250	23754	8096	66.6	69.6	1,531	4.4
1300	TITLE OPINIONS 6016	8450		6400	2050	66.6	75.7	1,150	13.6
	LOT CLEARING 6018	20500	750	16590	3160	66.6	80.9	4,385	21.3
	MEDICAL 6027								
	OTHER PROFESSIONAL SER 6049	7700	625	1476	5599	66.6	19.1	5,486-	71.2-
1300	PROFESSIONAL SERVICE	77050	3,625	54450	18975	66.6	70.6	4,625	6.0
	COMMUNICATIONS								
992	TELEPHONE AND TELEGRAP 6060	7600		855	6745	66.6	11.2	6,317-	83.1-
	POSTAGE 6070								
992	COMMUNICATIONS	7600		855	6745	66.6	11.2	6,317-	83.1-
	TRANSPORTATION								
118-	TRAVEL EXPENSE 6110	12685	1,170	9759	1756	66.6	76.9	1,953	15.3
	FREIGHT 6120								
	MESSENGER/EXPRESS SERV 6130	300			300	66.6		300-	100.0-
118-	TRANSPORTATION	12985	1,170	9759	2056	66.6	75.1	1,653	12.7
	ADVERTISING								
	ADVERTISING 6150								
	ADVERTISING								
	PRINTING AND BINDING								
90	PRINTING 6200	46900	45	21203	25652	66.6	45.2	15,095-	32.1-
	FILM PROCESSING 6240								
90	PRINTING AND BINDING	46900	45	21203	25652	66.6	45.2	15,095-	32.1-
	INSURANCE								
	AUTOMOBILE INSURANCE 6265								
	SURETY AND FORGERY BON 6270								
	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
	OFFICE EQUIPMENT R&M 6365	600			600	66.6		600-	100.0-
	MOTOR VEHICLE EQ. R&M 6384	1500		540	960	66.6	36.0	690-	46.0-
	COMMUNICATION EQ. R&M 6390	750			750	66.6		750-	100.0-
	CLEANING AND PAINTING 6392								
	SIGN PAINTING 6396								
	TOW IN CHARGES 6398	250			250	66.6		250-	100.0-
	REPR/MAINT-OUTSIDE L	3100		540	2560	66.6	17.4	2,290-	73.8-
	RENTALS								
280	OTHER RENT 6449	6730		5302	1428	66.6	78.7	1,223	18.1
280	RENTALS	6730		5302	1428	66.6	78.7	1,223	18.1
	OTHER SERVICES & CHARGE								

40	DUES AND MEMBERSHIPS	6840	2400		1270	1130	66.6	52.9	494-	20.5-
35	REGISTRATION FEE/TUITI	6845	4430		3150	1280	66.6	71.1	295	6.6
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75	OTHER SERVICES & CHA		6830		4420	2410	66.6	64.7	200-	2.9-
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2618	OTHER SERVICES & CHAR		161195	4,840	96529	59826	66.6	59.8	16,401-	10.1-
	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								
-----			-----	-----	-----	-----	-----	-----	-----	-----
	VEHICLES									
-----			-----	-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY									
-----			-----	-----	-----	-----	-----	-----	-----	-----
42116	EXPENDITURES		793597	5,433	458193	329971	66.6	57.7	106,307-	13.3-

001190 - GENERAL FUND-P/S CONTRAC.SER

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES							
11147	REGULAR WAGES 4000							
11147	OVERTIME 4300	160000		84639	75361	66.6 52.8	33,041-	20.6-
11147	SALARIES	160000		84639	75361	66.6 52.8	33,041-	20.6-
	EMPLOYEE BENEFITS							
1712	STATE RETIREMENT 4600	31500		13234	18266	66.6 42.0	11,648-	36.9-
801	F.I.C.A. TAXES 4700	15300		6196	9105	66.6 40.4	6,006-	39.2-
887	HOSPITALIZATION INS. 4800	15000		7762	7238	66.6 51.7	3,356-	22.3-
3400	EMPLOYEE BENEFITS	61800		27191	34609	66.6 43.9	21,013-	34.0-
14547	PERSONAL SERVICES	221800		111830	109970	66.6 50.4	54,054-	24.3-
	PROFESSIONAL SERVICES							
1813	MEDICAL 6027	175000		105130	69870	66.6 60.0	17,304-	9.8-
	OTHER PROF.-JAIL DIV G 6048	117476			117476	66.6	117,476-	100.0-
1813	PROFESSIONAL SERVICE	292476		105130	187346	66.6 35.9	134,780-	46.0-
	OTHER SERVICES & CHARGE							
	JAIL EXPENSE 6815	1025000		290283	734717	66.6 28.3	589,575-	57.5-
	DISTRICT ATT'Y SUBSIDY 6816							
	JAIL IMPR-CITY SHARE 6826							
	AMBULANCE SERV.CONTRIB 6860							
25250	EMERGENCY MGMT.CONTRIB 6865	101000		75750	25250	66.6 75.0	12,625	12.5
	USM CITIZEN CORPS COUN 6866							
	USM TITLE V CONTRACT 6867							
	JUVENILE ACCT.INCENTI 6868							
	METH GRANT CONTRACT 6869							
	SERVICES NOT SPECIFIED 6999							
25250	OTHER SERVICES & CHA	1126000		366033	759967	66.6 32.5	576,950-	51.2-
27063	OTHER SERVICES & CHAR	1418476		471162	947314	66.6 33.2	711,732-	50.1-
	VEHICLES							
	AUTOMOBILES 7400							
	VEHICLES							
	CAPITAL OUTLAY							
41610	EXPENDITURES	1640276		582993	1057283	66.6 35.5	765,786-	46.6-

001191 - GENERAL FUND-TRAFFIC MAINT.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
17390	REGULAR WAGES 4000	253326		140501	112825	66.6 55.4	42,574-	16.8-
	DISASTER RECOVERY WAGE 4010			6350	6350-		9,525	
306	OVERTIME 4300	12000		10762	1238	66.6 89.6	4,143	34.5
	DISASTER RECOVERY OVER 4310			2499	2499-		3,748	
17696	SALARIES	265326		160111	105215	66.6 60.3	25,159-	9.4-
EMPLOYEE BENEFITS								
2787	STATE RETIREMENT 4600	41789		25218	16571	66.6 60.3	3,961-	9.4-
1303	F.I.C.A. TAXES 4700	20924		11886	9038	66.6 56.8	3,094-	14.7-
4000	HOSPITALIZATION INS. 4800	61000		39000	22000	66.6 63.9	2,500-	4.0-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	66.6	500-	100.0-
	WORKMAN'S COMPENSATION 4910	13721			13721	66.6	13,721-	100.0-
8091	EMPLOYEE BENEFITS	137934		76104	61830	66.6 55.1	23,778-	17.2-
25787	PERSONAL SERVICES	403260		236215	167045	66.6 58.5	48,937-	12.1-
OFFICE SUPPLIES								
	PAPER 5003	400			400	66.6	400-	100.0-
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	1200		1170	30	66.6 97.5	555	46.2
93	MINOR OFFICE EQUIP/FUR 5020	1000		93	907	66.6 9.3	860-	86.0-
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070	500			500	66.6	500-	100.0-
	COMPUTER SUPPLIES 5080	600		184	416	66.6 30.6	324-	54.0-
93	OFFICE SUPPLIES	3700		1447	2253	66.6 39.1	1,529-	41.3-
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100	200			200	66.6	200-	100.0-
187	HOUSEHOLD SUPPLIES 5110	1500		708	792	66.6 47.2	438-	29.2-
	FOOD 5115							
	MEDICAL SUPPLIES 5120	50			50	66.6	50-	100.0-
	CHEMICALS 5130	600			600	66.6	600-	100.0-
997	GAS AND OIL 5250	18000		7867	10133	66.6 43.7	6,199-	34.4-
	LUBRICANTS 5255	100			100	66.6	100-	100.0-
84	DIESEL FUEL 5257	2000		937	1063	66.6 46.8	594-	29.7-
	WEARING APPAREL 5355	2100	185		1915	66.6	2,100-	100.0-
	ASPHALT & ASPHALT PROD 5400							
	CONCRETE, CEMENT, ETC. 5405							
	SAND,CLAY,GRVL,FILL DI 5415							
	HORT./LANDSCAPING SPLY 5440							
338	HAND TOOLS 5450	2520		1658	862	66.6 65.7	32-	1.2-

	MINOR EQUIPMENT	5460	12900		2135	10765	66.6	16.5	9,697-	75.1-
151	TRAFFIC CONTROL EQ. SP	5540	50600	14,968	20244	15388	66.6	40.0	20,234-	39.9-
2561	TRAFFIC SIGNS	5545	23000	1,575	15459	5966	66.6	67.2	188	.8
	STREET MARKING SUPPLIE	5550	3000			3000	66.6		3,000-	100.0-
369	OTHER OPERATING MATL/S	5590	1600		1584	16	66.6	99.0	776	48.5
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4686	OPERATING SUPPLIES		118170	16,728	50592	50850	66.6	42.8	42,282-	35.7-
	REPAIR & MAINTENANCE SP									
	BUILDING MATERIALS & S	5600	2543		2257	286	66.6	88.7	842	33.1
1014	ELECTRICAL SUPPLIES	5605	3000		2003	997	66.6	66.7	4	.1
	STRUCTURAL STEEL & IRO	5620	957			957	66.6		957-	100.0-
1593	PAINT AND PAINTING SPL	5650	6612	709	2711	3192	66.6	41.0	2,545-	38.4-
150	MTR VEHICLE REP. PTS/S	5700	5029	384	3705	940	66.6	73.6	528	10.4
	COMMUNICATION REPAIR P	5750	1700		1619	81	66.6	95.2	728	42.8
129	OTHER REPAIR/MAINT. SP	5990	500		129	371	66.6	25.8	306-	61.2-
	DISASTER REPAIR SUPPLI	5995		4,337		4337-				
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2885	REPAIR & MAINTENANCE		20341	5,430	12424	2487	66.6	61.0	1,705-	8.3-
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7665	SUPPLIES AND EXPENSES		142211	22,158	64463	55590	66.6	45.3	45,516-	32.0-

	PROFESSIONAL SERVICES									
	MEDICAL	6027								
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	PROFESSIONAL SERVICE									
	COMMUNICATIONS									
140	TELEPHONE AND TELEGRAP	6060	1000		438	562	66.6	43.8	342-	34.2-
	POSTAGE	6070								
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140	COMMUNICATIONS		1000		438	562	66.6	43.8	342-	34.2-
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	800		38-	838	66.6	4.7	742-	92.7-
	FREIGHT	6120	785	52	705	28	66.6	89.8	272	34.6
	MESSENGER/EXPRESS SERV	6130								
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	TRANSPORTATION		1585	52	667	866	66.6	42.0	584-	36.8-
	ADVERTISING									
	ADVERTISING	6150								
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	ADVERTISING									
	INSURANCE									
	PUBLIC LIAB/PROPERTY D	6255								
	AUTOMOBILE INSURANCE	6265								
	SURETY AND FORGERY BON	6270								
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	INSURANCE									
	UTILITIES									
26	GAS	6300	2000		513	1487	66.6	25.6	1,230-	61.5-
1303	ELECTRICITY	6305	16000		8738	7262	66.6	54.6	2,892-	18.0-
	TRAFFIC LIGHT ELECTRIC	6310								
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1329	UTILITIES		18000		9251	8749	66.6	51.3	4,123-	22.9-

	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M	6350							
	DISASTER REPAIRS	6351							
	STREETS & STRUCTURES R	6360							
	OFFICE EQUIPMENT R&M	6365	440		440	66.6		440-	100.0-
	TRAFFIC CONTROL EQ. R&	6375	8000		8000	66.6		8,000-	100.0-
	FIXED EQUIPMENT R&M	6380							
	MINOR EQUIPMENT R&M	6382	150		150	66.6		150-	100.0-
	MOTOR VEHICLE EQ. R&M	6384	4150	277	1872	2001	66.6 45.1	1,342-	32.3-
	COMMUNICATION EQ. R&M	6390	825		450	375	66.6 54.5	149-	18.0-
	DISINFECT./EXTERMINATI	6394	700		384	316	66.6 54.8	124-	17.7-
	SIGN PAINTING	6396							
	TOW IN CHARGES	6398	200		200	66.6		200-	100.0-
7	OTHER REPAIRS AND MAIN	6399	1200		46	1154	66.6 3.8	1,130-	94.1-
7	REPR/MAINT-OUTSIDE L		15665	277	2752	12636	66.6 17.5	11,537-	73.6-
	RENTALS								
	MACHINERY RENT	6420							
	CYLINDER RENT	6425							
390	UNIFORM RENT	6430	3000		2981	19	66.6 99.3	1,471	49.0
	MOP-MAT-RAG RENT	6435	100			100	66.6	100-	100.0-
29	OTHER RENT	6449	300		214	86	66.6 71.3	21	7.0
419	RENTALS		3400		3196	204	66.6 94.0	1,394	41.0
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS	6840	600		460	140	66.6 76.6	90	15.0
	REGISTRATION FEE/TUITI	6845	1300	13	1075	213	66.6 82.6	312	24.0
	LAUNDRY	6850							
250	SERVICES NOT SPECIFIED	6999	5850		2288	3562	66.6 39.1	2,418-	41.3-
250	OTHER SERVICES & CHA		7750	13	3823	3914	66.6 49.3	2,015-	26.0-
2145	OTHER SERVICES & CHAR		47400	342	20126	26933	66.6 42.4	17,210-	36.3-
	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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35597	EXPENDITURES		592871	22,500	320804	249568	66.6	54.1	111,665- 18.8-

001201 - GENERAL FUND-STREET DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
80327	REGULAR WAGES 4000	1157403		691966	465437	66.6 59.7	119,453-	10.3-
	DISASTER RECOVERY WAGE 4010			35398	35398-		53,097	
4575	OVERTIME 4300	30000		31796	1796-	66.6 105.9	17,694	58.9
	DISASTER RECOVERY OVER 4310			25259	25259-		37,888	
84902	SALARIES	1187403		784419	402984	66.6 66.0	10,774-	.9-
EMPLOYEE BENEFITS								
13372	STATE RETIREMENT 4600	187016		123546	63470	66.6 66.0	1,696-	.9-
6314	F.I.C.A. TAXES 4700	94426		58671	35755	66.6 62.1	6,419-	6.7-
19500	HOSPITALIZATION INS. 4800	288800		186400	102400	66.6 64.5	9,200-	3.1-
	UNEMPLOYMENT BENEFITS 4900	2200		2108	92	66.6 95.8	962	43.7
	WORKMAN'S COMPENSATION 4910	72129			72129	66.6	72,129-	100.0-
39186	EMPLOYEE BENEFITS	644571		370725	273846	66.6 57.5	88,483-	13.7-
124088	PERSONAL SERVICES	1831974		1155144	676830	66.6 63.0	99,258-	5.4-
OFFICE SUPPLIES								
	PAPER 5003							
	PRINTED FORMS 5005							
402	OTHER EXPENDABLE OFF.S 5010	500		752	252-	66.6 150.4	628	125.6
	MINOR OFFICE EQUIP/FUR 5020	2500		2273	227	66.6 90.9	909	36.3
	SUBSCRIPTIONS,MAGS,MAP 5050							
402	OFFICE SUPPLIES	3000		3025	25-	66.6 100.8	1,537	51.2
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100	3072	403	2369	300	66.6 77.1	481	15.6
	HOUSEHOLD SUPPLIES 5110	2000		397	1603	66.6 19.8	1,404-	70.2-
	FOOD 5115							
	MEDICAL SUPPLIES 5120							
	CHEMICALS 5130	16500		8379	8122	66.6 50.7	3,931-	23.8-
1775	GAS AND OIL 5250	35000	29	14664	20307	66.6 41.8	13,004-	37.1-
	LUBRICANTS 5255	1900		362	1538	66.6 19.0	1,356-	71.3-
4370	DIESEL FUEL 5257	55200		40008	15192	66.6 72.4	4,812	8.7
	WEARING APPAREL 5355	3700		3177	523	66.6 85.8	1,065	28.7
	ASPHALT & ASPHALT PROD 5400	22000	6,250	598	15152	66.6 2.7	21,102-	95.9-
805	CONCRETE, CEMENT, ETC. 5405	103200	8,933	16984	77284	66.6 16.4	77,724-	75.3-
	BRICK,STONE,MORTAR,ETC 5410	17000		16136	864	66.6 94.9	7,204	42.3
	SAND,CLAY,GRVL,FILL DI 5415	21400	6,800	12721	1879	66.6 59.4	2,318-	10.8-
9235	DRAINAGE PIPE & CULVER 5420	31500	4,813	13233	13454	66.6 42.0	11,650-	36.9-
	HORT./LANDSCAPING SPLY 5440	3000		818	2182	66.6 27.2	1,772-	59.0-
98	HAND TOOLS 5450	3000		1320	1681	66.6 44.0	1,020-	34.0-
545	MINOR EQUIPMENT 5460	20000		10373	9627	66.6 51.8	4,440-	22.2-

832	STREET MARKING SUPPLIE 5550								
	OTHER OPERATING MATL/S 5590	18600	371	8591	9637	66.6	46.1	5,713-	30.7-
17660	OPERATING SUPPLIES	357072	27,599	150129	179344	66.6	42.0	131,878-	36.9-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	10000		2602	7398	66.6	26.0	6,096-	60.9-
	ELECTRICAL SUPPLIES 5605	5000		11	4989	66.6	.2	4,983-	99.6-
36	PLUMBING SUPPLIES 5610	1900		45	1855	66.6	2.3	1,832-	96.4-
	STRUCTURAL STEEL & IRO 5620	4500		1836	2665	66.6	40.8	1,746-	38.8-
	PAINT AND PAINTING SPL 5650	3400		23	3377	66.6	.6	3,365-	98.9-
16001	MTR VEHICLE REP. PTS/S 5700	93491	4,047	80673	8771	66.6	86.2	27,518	29.4
	COMMUNICATION REPAIR P 5750	1000			1000	66.6		1,000-	100.0-
	AGRICLTRL REPAIR PTS/S 5755	1400	83		1317	66.6		1,400-	100.0-
	OTHER REPAIR/MAINT. SP 5990	634	544		90	66.6		634-	100.0-
	DISASTER REPAIR SUPPLI 5995	85937		85937		66.6	100.0	42,968	49.9
16037	REPAIR & MAINTENANCE	207262	4,674	171125	31464	66.6	82.5	49,425	23.8
34099	SUPPLIES AND EXPENSES	567334	32,273	324278	210783	66.6	57.1	80,916-	14.2-
	PROFESSIONAL SERVICES								
	LOT CLEARING 6018								
	MEDICAL 6027								
476	OTHER PROFESSIONAL SER 6049	23300		4528	18772	66.6	19.4	16,508-	70.8-
476	PROFESSIONAL SERVICE	23300		4528	18772	66.6	19.4	16,508-	70.8-
	TRANSPORTATION								
11-	TRAVEL EXPENSE 6110	2600		735	1865	66.6	28.2	1,497-	57.5-
105	FREIGHT 6120	1100	50	989	61	66.6	89.9	383	34.8
	MESSENGER/EXPRESS SERV 6130								
94	TRANSPORTATION	3700	50	1723	1927	66.6	46.5	1,115-	30.1-
	ADVERTISING								
	ADVERTISING 6150								
	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING 6200								
	PRINTING AND BINDING								
	INSURANCE								
	PUBLIC LIAB/PROPERTY D 6255								
	AUTOMOBILE INSURANCE 6265								
	INSURANCE								
	UTILITIES								
	ELECTRICITY 6305								
	UTILITIES								
	REPR/MAINT-OUTSIDE LABO								
3463	BUILDING R&M 6350								
	DISASTER REPAIRS 6351	375368		375367	1	66.6	99.9	187,682	49.9

	ELECTRICAL R&M	6355							
	PLUMBING EQUIPMENT R&M	6357							
	STREETS & STRUCTURES R	6360	20055			20055	66.6		20,055- 100.0-
	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/HILLENDALE	6360 26							
	ARLINGTON LOOP/S 34TH	6360 27							
	N. 31st Ave/HILLSIDE	6360 28							
	DWNTWN AREA VAR STS &	6360 29							
49046	LONG RANGE PAVING PLA	6360 99	583305	348,488	121789	113028	66.6	20.8	400,621- 68.6-
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49046	STREETS & STRUCTURE		603360	348,488	121789	133083	66.6	20.1	420,676- 69.7-
	FIXED EQUIPMENT R&M	6380							
	MINOR EQUIPMENT R&M	6382	1000			1000	66.6		1,000- 100.0-
2952	MOTOR VEHICLE EQ. R&M	6384	80300	2,195	30216	47889	66.6	37.6	34,976- 43.5-
	AGRICULTURAL EQ. R&M	6387							
	COMMUNICATION EQ. R&M	6390							
	SIGN PAINTING	6396							
	TOW IN CHARGES	6398	1000	65	700	235	66.6	70.0	50 5.0
475	OTHER REPAIRS AND MAIN	6399	9200	870	7928	402	66.6	86.1	2,692 29.2
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55936	REPR/MAINT-OUTSIDE L		1070228	351,618	536001	182610	66.6	50.0	266,226- 24.8-
	RENTALS								
	AUTOMOTIVE EQ. RENT	6415							
	MACHINERY RENT	6420	21500			21500	66.6		21,500- 100.0-
664	UNIFORM RENT	6430	8200		5824	2376	66.6	71.0	536 6.5
	OTHER RENT	6449	600		557	43	66.6	92.8	235 39.1
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664	RENTALS		30300		6381	23919	66.6	21.0	20,728- 68.4-

	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS 6840	250		240	10	66.6	96.0	110	44.0
420	REGISTRATION FEE/TUITI 6845	2750		870	1880	66.6	31.6	1,444-	52.5-
67	SERVICES NOT SPECIFIED 6999	18500	16,000	554	1946	66.6	2.9	17,668-	95.5-
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487	OTHER SERVICES & CHA	21500	16,000	1664	3836	66.6	7.7	19,004-	88.3-
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57658	OTHER SERVICES & CHAR	1149028	367,668	550296	231064	66.6	47.8	323,584-	28.1-
	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	66.6		45,000-	100.0-
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	MACHINERY AND EQUIPM	45000			45000	66.6		45,000-	100.0-
	VEHICLES								
	AUTOMOBILES 7400								
	PICK UP TRUCKS 7420								
	HEAVY TRUCKS 7430								
	DUMP TRUCKS 7440								
	SPECIAL TRUCKS 7450	173580		18580-	192160	66.6	10.7	145,710-	83.9-
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	VEHICLES	173580		18580-	192160	66.6	10.7	145,710-	83.9-
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	CAPITAL OUTLAY	218580		18580-	237160	66.6	8.5	190,710-	87.2-
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215845	EXPENDITURES	3766916	399,941	2011139	1355837	66.6	53.3	750,207-	19.9-

001202 - GENERAL FUND-STREET LIGHTS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
	UTILITIES								
91131	ELECTRICITY 6305	1170000		735429	434571	66.6	62.8	66,856-	5.7-
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91131	UTILITIES	1170000		735429	434571	66.6	62.8	66,856-	5.7-
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91131	OTHER SERVICES & CHAR	1170000		735429	434571	66.6	62.8	66,856-	5.7-
	IMPROVEMENT OTHER THAN STREET LIGHTING 7235								
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	IMPROVEMENT OTHER TH								
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	CAPITAL OUTLAY								
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91131	EXPENDITURES	1170000		735429	434571	66.6	62.8	66,856-	5.7-

001203 - GENERAL FUND-ENGR/PUBLIC SER

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
<u>SALARIES</u>								
16314	REGULAR WAGES 4000	270035		152122	117913	66.6 56.3	41,851-	15.4-
	DISASTER RECOVERY WAGE 4010			871	871-		1,306	
10	OVERTIME 4300	500		704	204-	66.6 140.8	556	111.2
	DISASTER RECOVERY OVER 4310			875	875-		1,312	
<u>-----</u>								
16324	SALARIES	270535		154572	115964	66.6 57.1	38,677-	14.2-
<u>EMPLOYEE BENEFITS</u>								
2571	STATE RETIREMENT 4600	42609		24345	18264	66.6 57.1	6,091-	14.2-
1248	F.I.C.A. TAXES 4700	20696		11797	8899	66.6 57.0	3,000-	14.4-
2500	HOSPITALIZATION INS. 4800	46200		28100	18100	66.6 60.8	4,050-	8.7-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	66.6	500-	100.0-
	WORKMAN'S COMPENSATION 4910	8952		8952	8952	66.6	8,952-	100.0-
<u>-----</u>								
6319	EMPLOYEE BENEFITS	118957		64241	54716	66.6 54.0	22,595-	18.9-
<u>-----</u>								
22643	PERSONAL SERVICES	389492		218813	170679	66.6 56.1	61,272-	15.7-
<u>OFFICE SUPPLIES</u>								
	PAPER 5003	400		320	80	66.6 80.0	80	20.0
	PRINTED FORMS 5005							
153	OTHER EXPENDABLE OFF.S 5010	980		848	132	66.6 86.5	292	29.7
	MINOR OFFICE EQUIP/FUR 5020	85			85	66.6	85-	100.0-
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050	208		162	46	66.6 77.8	35	16.8
	MAPS FOR RESALE 5060							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080	3385		3363	22	66.6 99.3	1,659	49.0
<u>-----</u>								
153	OFFICE SUPPLIES	5058		4692	366	66.6 92.7	1,980	39.1
<u>OPERATING SUPPLIES</u>								
	FOOD 5115							
	MEDICAL SUPPLIES 5120	300			300	66.6	300-	100.0-
107	GAS AND OIL 5250	2400		1111	1289	66.6 46.2	733-	30.5-
	LUBRICANTS 5255							
	WEARING APPAREL 5355	50			50	66.6	50-	100.0-
	HORT./LANDSCAPING SPLY 5440							
	MINOR EQUIPMENT 5460	800			800	66.6	800-	100.0-
	OTHER OPERATING MATL/S 5590	160	42		118	66.6	160-	100.0-
<u>-----</u>								
107	OPERATING SUPPLIES	3710	42	1111	2557	66.6 29.9	2,043-	55.0-
<u>REPAIR & MAINTENANCE SP</u>								
	BUILDING MATERIALS & S 5600	750			750	66.6	750-	100.0-
	ELECTRICAL SUPPLIES 5605	100			100	66.6	100-	100.0-

78	PAINT AND PAINTING SPL 5650								
	MTR VEHICLE REP. PTS/S 5700	1250		475	775	66.6	38.0	537-	42.9-
	COMMUNICATION REPAIR P 5750	100			100	66.6		100-	100.0-
	OTHER REPAIR/MAINT. SP 5990	57		97	40-	66.6	170.1	88	154.3
	DISASTER REPAIR SUPPLI 5995								
78	REPAIR & MAINTENANCE	2257		572	1685	66.6	25.3	1,399-	61.9-
338	SUPPLIES AND EXPENSES	11025	42	6374	4609	66.6	57.8	1,463-	13.2-
32517	PROFESSIONAL SERVICES								
	ENGINEERING 6015	184000		140420	43580	66.6	76.3	26,630	14.4
	CONSULTANT SERV/SURVEY 6020								
	ABSTRACTING & RECORDIN 6023								
	OTHER PROFESSIONAL SER 6049	89500		88194	1306	66.6	98.5	42,791	47.8
32517	PROFESSIONAL SERVICE	273500		228614	44886	66.6	83.5	69,421	25.3
	COMMUNICATIONS								
250	TELEPHONE AND TELEGRAP 6060	1000		772	228	66.6	77.2	158	15.8
112	POSTAGE 6070	4000	2,967	623	411	66.6	15.5	3,065-	76.6-
362	COMMUNICATIONS	5000	2,967	1395	638	66.6	27.9	2,907-	58.1-
	TRANSPORTATION								
	TRAVEL EXPENSE 6110	4000	1,395	531	2074	66.6	13.2	3,203-	80.0-
	FREIGHT 6120	600		65	535	66.6	10.8	502-	83.6-
	MESSENGER/EXPRESS SERV 6130								
	TRANSPORTATION	4600	1,395	595	2610	66.6	12.9	3,707-	80.5-
	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								
35	UTILITIES								
	GAS 6300	1800		541	1259	66.6	30.0	988-	54.8-
349	ELECTRICITY 6305	4000		2264	1736	66.6	56.6	604-	15.1-
383	UTILITIES	5800		2804	2996	66.6	48.3	1,594-	27.4-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350	4000			4000	66.6		4,000-	100.0-
314259	DISASTER REPAIRS 6351	1695843		2445887	750044-	66.6	144.2	1,972,987	116.3
	STREETS & STRUCTURES R 6360								

	OFFICE EQUIPMENT R&M	6365	1000		1000	66.6		1,000-	100.0-
	MINOR EQUIPMENT R&M	6382							
	MOTOR VEHICLE EQ. R&M	6384	1000		1000	66.6		1,000-	100.0-
	COMMUNICATION EQ. R&M	6390							
	DISINFECT./EXTERMINATI	6394	700	495	205	66.6	70.7	42	6.0
	TOW IN CHARGES	6398							
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314259	REPR/MAINT-OUTSIDE L		1702543		2446382	743839-	66.6 143.6	1,967,030	115.5
	RENTALS								
318	OFFICE EQUIPMENT RENT	6410	4015	2974	1041	66.6	74.0	446	11.1
	UNIFORM RENT	6430	400		400	66.6		400-	100.0-
	OTHER RENT	6449							
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318	RENTALS		4415	2974	1441	66.6	67.3	46	1.0
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS	6840	359	359		66.6	100.0	179	49.8
	REGISTRATION FEE/TUITI	6845	3000	350	2650	66.6	11.6	2,474-	82.4-
	SERVICES NOT SPECIFIED	6999		30	30-			45	
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	OTHER SERVICES & CHA		3359	739	2620	66.6	22.0	2,250-	66.9-
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347840	OTHER SERVICES & CHAR		1999217	4,362	2683503	688648-	66.6 134.2	2,026,037	101.3
	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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370821	EXPENDITURES		2399734	4,404	2908691	513360-	66.6 121.2	1,963,302	81.8

001204 - GENERAL FUND-SHOP DIVISION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES									
25326	REGULAR WAGES 4000	332427		204078	128349	66.6	61.3	26,309-	7.9-
	DISASTER RECOVERY WAGE 4010			4770	4770-			7,155	
2417	OVERTIME 4300	15000		12283	2717	66.6	81.8	3,424	22.8
	DISASTER RECOVERY OVER 4310			2020	2020-			3,030	
27743	SALARIES	347427		223150	124277	66.6	64.2	12,701-	3.6-
EMPLOYEE BENEFITS									
4370	STATE RETIREMENT 4600	54720		35146	19574	66.6	64.2	2,000-	3.6-
2058	F.I.C.A. TAXES 4700	26578		16570	10008	66.6	62.3	1,722-	6.4-
6000	HOSPITALIZATION INS. 4800	79200		51600	27600	66.6	65.1	1,800-	2.2-
	UNEMPLOYMENT BENEFITS 4900	500			500	66.6		500-	100.0-
	WORKMAN'S COMPENSATION 4910	10072			10072	66.6		10,072-	100.0-
12427	EMPLOYEE BENEFITS	171070		103316	67754	66.6	60.3	16,096-	9.4-
40170	PERSONAL SERVICES	518497		326466	192031	66.6	62.9	28,797-	5.5-
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								
	CHEMICALS 5130	13500		12901	599	66.6	95.5	5,851	43.3
518	GAS AND OIL 5250	10000		8949	1051	66.6	89.4	3,423	34.2
	LUBRICANTS 5255								
107	DIESEL FUEL 5257	3000		740	2260	66.6	24.6	1,890-	63.0-
	WEARING APPAREL 5355								
	HAND TOOLS 5450	1000			1000	66.6		1,000-	100.0-
	MINOR EQUIPMENT 5460	1500			1500	66.6		1,500-	100.0-
	OTHER OPERATING MATL/S 5590	1000		956	44	66.6	95.6	434	43.4
625	OPERATING SUPPLIES	30000		23546	6454	66.6	78.4	5,319	17.7
REPAIR & MAINTENANCE SP									
	BUILDING MATERIALS & S 5600	800		252	548	66.6	31.5	422-	52.7-
	ELECTRICAL SUPPLIES 5605	800			800	66.6		800-	100.0-
	PLUMBING SUPPLIES 5610	300			300	66.6		300-	100.0-

1881	OTHER SERVICES & CHAR	44000	160	23674	20166	66.6	53.8	8,488-	19.2-
	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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42676	EXPENDITURES	608342	160	384504	223678	66.6	63.2	31,586-	5.1-

001205 - GENERAL FUND-G O & F S DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
12439	REGULAR WAGES 4000	181440		98640	82800	66.6 54.3	33,480-	18.4-
	DISASTER RECOVERY WAGE 4010			4732	4732-		7,098	
657	OVERTIME 4300	2500		4947	2447-	66.6 197.8	4,920	196.8
	DISASTER RECOVERY OVER 4310			3145	3145-		4,717	
13095	SALARIES	183940		111464	72476	66.6 60.5	16,744-	9.1-
EMPLOYEE BENEFITS								
2063	STATE RETIREMENT 4600	28971		17556	11415	66.6 60.5	2,637-	9.1-
968	F.I.C.A. TAXES 4700	14071		8255	5816	66.6 58.6	1,688-	11.9-
3000	HOSPITALIZATION INS. 4800	46200		29100	17100	66.6 62.9	2,550-	5.5-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	66.6	500-	100.0-
	WORKMAN'S COMPENSATION 4910	1722		1722	1722	66.6	1,722-	100.0-
6030	EMPLOYEE BENEFITS	91464		54911	36553	66.6 60.0	9,097-	9.9-
19126	PERSONAL SERVICES	275404		166375	109029	66.6 60.4	25,841-	9.3-
OFFICE SUPPLIES								
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	2000		1534	466	66.6 76.7	301	15.0
	MINOR OFFICE EQUIP/FUR 5020	1000		300	700	66.6 30.0	550-	55.0-
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080							
	OFFICE SUPPLIES	3000		1834	1166	66.6 61.1	248-	8.2-
OPERATING SUPPLIES								
33	CLEANING/JANITORIAL SP 5100	2450		1258	1192	66.6 51.3	562-	22.9-
	HOUSEHOLD SUPPLIES 5110	400			400	66.6	400-	100.0-
	MEDICAL SUPPLIES 5120	300			300	66.6	300-	100.0-
	CHEMICALS 5130							
39	DIESEL FUEL-GENERATORS 5257	1800		210	1591	66.6 11.6	1,484-	82.4-
	WEARING APPAREL 5355							
	HAND TOOLS 5450							
	MINOR EQUIPMENT 5460							
	OTHER OPERATING MATL/S 5590	500	50	379	71	66.6 75.8	68	13.6
72	OPERATING SUPPLIES	5450	50	1847	3554	66.6 33.8	2,679-	49.1-
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	500		46	454	66.6 9.2	430-	86.0-
	ELECTRICAL SUPPLIES 5605	550			550	66.6	550-	100.0-
	PLUMBING SUPPLIES 5610	100		45	55	66.6 45.0	32-	32.0-

	PAINT AND PAINTING SPL 5650	500		500	66.6		500-	100.0-
	COMMUNICATION REPAIR P 5750							
	REPAIR & MAINTENANCE	1650		91	1559	66.6 5.5	1,513-	91.6-
72	SUPPLIES AND EXPENSES	10100	50	3772	6279	66.6 37.3	4,442-	43.9-
	PROFESSIONAL SERVICES							
	OTHER PROFESSIONAL SER 6049	6650		5832	818	66.6 87.6	2,098	31.5
	PROFESSIONAL SERVICE	6650		5832	818	66.6 87.6	2,098	31.5
963	COMMUNICATIONS							
	TELEPHONE AND TELEGRAP 6060	5000		3105	1895	66.6 62.1	342-	6.8-
	POSTAGE 6070							
963	COMMUNICATIONS	5000		3105	1895	66.6 62.1	342-	6.8-
	TRANSPORTATION							
	FREIGHT 6120							
	MESSENGER/EXPRESS SERV 6130							
	TRANSPORTATION							
61	UTILITIES							
	ELECTRICITY 6305	800		482	318	66.6 60.2	76-	9.5-
61	UTILITIES	800		482	318	66.6 60.2	76-	9.5-
	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							
	DISINFECT./EXTERMINATI 6394	1500		660	840	66.6 44.0	510-	34.0-
	REPR/MAINT-OUTSIDE L	1500	14,755	660	13915-	66.6 44.0	510-	34.0-
	RENTALS							
	OFFICE EQUIPMENT RENT 6410							
	UNIFORM RENT 6430	650			650	66.6	650-	100.0-
124	MOP-MAT-RAG RENT 6435	1900		868	1032	66.6 45.6	598-	31.4-
124	RENTALS	2550		868	1682	66.6 34.0	1,248-	48.9-
	OTHER SERVICES & CHARGE							
	REGISTRATION FEE/TUITI 6845							
	LAUNDRY 6850							
	OTHER SERVICES & CHA							
1149	OTHER SERVICES & CHAR	16500	14,755	10948	9203-	66.6 66.3	78-	.4-
	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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20346	EXPENDITURES	302004	14,805	181094	106105	66.6	59.9	30,362- 10.0-

001206 - GENERAL FUND-DRAINAGE DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	PERCENT ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES									
6202	REGULAR WAGES 4000	105582		64012	41570	66.6	60.6	9,564-	9.0-
	DISASTER RECOVERY WAGE 4010			464	464-			696	
142	OVERTIME 4300	3000		898	2102	66.6	29.9	1,652-	55.0-
	DISASTER RECOVERY OVER 4310			30	30-			45	
6343	SALARIES	108582		65404	43178	66.6	60.2	10,476-	9.6-
EMPLOYEE BENEFITS									
999	STATE RETIREMENT 4600	17102		10301	6801	66.6	60.2	1,650-	9.6-
483	F.I.C.A. TAXES 4700	9936		4968	4968	66.6	50.0	2,484-	25.0-
1500	HOSPITALIZATION INS. 4800	26400		17550	8850	66.6	66.4	74-	.2-
	UNEMPLOYMENT BENEFITS 4900	500			500	66.6		500-	100.0-
	WORKMAN'S COMPENSATION 4910	7382			7382	66.6		7,382-	100.0-
2982	EMPLOYEE BENEFITS	61320		32819	28501	66.6	53.5	12,091-	19.7-
9325	PERSONAL SERVICES	169902		98223	71679	66.6	57.8	22,567-	13.2-
OPERATING SUPPLIES									
	CHEMICALS 5130	2000			2000	66.6		2,000-	100.0-
307	GAS AND OIL 5250	5000		1907	3093	66.6	38.1	2,139-	42.7-
	LUBRICANTS 5255								
	DIESEL FUEL 5257	500			500	66.6		500-	100.0-
	WEARING APPAREL 5355	1200		702	498	66.6	58.5	146-	12.1-
	CONCRETE, CEMENT, ETC. 5405	22300		17513	4787	66.6	78.5	3,969	17.7
	BRICK, STONE, MORTAR, ETC 5410	2000			2000	66.6		2,000-	100.0-
	SAND, CLAY, GRVL, FILL DI 5415	2500			2500	66.6		2,500-	100.0-
	DRAINAGE PIPE & CULVER 5420	24000	5,125	16948	1927	66.6	70.6	1,422	5.9
	HORT./LANDSCAPING SPLY 5440								
	HAND TOOLS 5450	1000			1000	66.6		1,000-	100.0-
	MINOR EQUIPMENT 5460	1400		655	745	66.6	46.7	417-	29.7-
	OTHER OPERATING MATL/S 5590	1200	8	427	765	66.6	35.5	559-	46.5-
	OTHER OPER. MATL-BROWNS 5591								
307	OPERATING SUPPLIES	63100	5,133	38152	19815	66.6	60.4	5,872-	9.3-
REPAIR & MAINTENANCE SP									
	STRUCTURAL STEEL & IRO 5620								
	MTR VEHICLE REP. PTS/S 5700	700			700	66.6		700-	100.0-
	COMMUNICATION REPAIR P 5750								
	REPAIR & MAINTENANCE	700			700	66.6		700-	100.0-
307	SUPPLIES AND EXPENSES	63800	5,133	38152	20515	66.6	59.7	6,572-	10.3-

PROFESSIONAL SERVICES									
CONSULTANT SERV-BROWNS 6020									
-----	OTHER PROFESSIONAL SER 6049	43800	-----	16177	27623	66.6	36.9	19,534-	44.5-
	PROFESSIONAL SERVICE	43800		16177	27623	66.6	36.9	19,534-	44.5-
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									
	STREETS & STRUCTURES R 6360	181500		86774	94726	66.6	47.8	51,338-	28.2-
	MOTOR VEHICLE EQ. R&M 6384	5000		756	4244	66.6	15.1	3,866-	77.3-
	COMMUNICATION EQ. R&M 6390								
250	TOW IN CHARGES 6398	400		250	150	66.6	62.5	24-	6.0-
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250	REPR/MAINT-OUTSIDE L	186900		87780	99120	66.6	46.9	55,230-	29.5-
RENTALS									
MACHINERY RENT 6420									
-----	UNIFORM RENT 6430	600	-----	-----	600	66.6		600-	100.0-
	RENTALS	600			600	66.6		600-	100.0-
OTHER SERVICES & CHARGE									
-----	SERVICES NOT SPECIFIED 6999	-----	-----	-----	-----	-----	-----	-----	-----
OTHER SERVICES & CHA									
-----		-----	-----	-----	-----	-----	-----	-----	-----
250	OTHER SERVICES & CHAR	231300		103958	127342	66.6	44.9	75,362-	32.5-
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							
-----			-----	-----	-----	-----	-----	-----	-----
	MISC. PROJECTS								
-----			-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	DP EQUIP-BROWNSFIELD P	7324							
	CONSTRUCTION EQUIPMENT	7345							
	PIPE	7370							
	OTHER EQUIPMENT	7399							
-----			-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPM								
	VEHICLES								
	PICK UP TRUCKS	7420							
	DUMP TRUCKS	7440							
-----			-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----			-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY								
-----			-----	-----	-----	-----	-----	-----	-----
9883	EXPENDITURES		465002	5,133	240333	219536	66.6	51.6	104,502- 22.4-

001207 - GENERAL FUND-CONSTRUCTION

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
<u>SALARIES</u>								
35441	REGULAR WAGES 4000	433064		294229	138835	66.6 67.9	8,279	1.9
	DISASTER RECOVERY WAGE 4010			6299	6299-		9,448	
217	OVERTIME 4300	8000		10739	2739-	66.6 134.2	8,108	101.3
	DISASTER RECOVERY OVER 4310			1804	1804-		2,706	
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35658	SALARIES	441064		313070	127994	66.6 70.9	28,541	6.4
<u>EMPLOYEE BENEFITS</u>								
5616	STATE RETIREMENT 4600	69468		49309	20159	66.6 70.9	4,495	6.4
2618	F.I.C.A. TAXES 4700	35492		23089	12403	66.6 65.0	858-	2.4-
7505	HOSPITALIZATION INS. 4800	105600		67810	37790	66.6 64.2	3,884-	3.6-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	66.6	500-	100.0-
	WORKMAN'S COMPENSATION 4910	43547		43547	43547	66.6	43,547-	100.0-
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15739	EMPLOYEE BENEFITS	254607		140208	114399	66.6 55.0	44,295-	17.3-
-----		-----	-----	-----	-----	-----	-----	-----
51397	PERSONAL SERVICES	695671		453278	242393	66.6 65.1	15,753-	2.2-
<u>OFFICE SUPPLIES</u>								
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010							
	MINOR OFFICE EQUIP/FUR 5020	3400		200	3200	66.6 5.8	3,100-	91.1-
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070	150			150	66.6	150-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	OFFICE SUPPLIES	3550		200	3350	66.6 5.6	3,250-	91.5-
<u>OPERATING SUPPLIES</u>								
	CLEANING/JANITORIAL SP 5100							
	CHEMICALS 5130							
1436	GAS AND OIL 5250	23150		12432	10718	66.6 53.7	4,502-	19.4-
	LUBRICANTS 5255	400			400	66.6	400-	100.0-
16	DIESEL FUEL 5257	1200		227	973	66.6 18.9	859-	71.5-
	WEARING APPAREL 5355	750		102	648	66.6 13.6	596-	79.4-
	CONCRETE, CEMENT, ETC. 5405	1100			1100	66.6	1,100-	100.0-
	SAND,CLAY,GRVL,FILL DI 5415							
	DRAINAGE PIPE & CULVER 5420							
	HORT./LANDSCAPING SPLY 5440							
140	HAND TOOLS 5450	8800		267	8533	66.6 3.0	8,399-	95.4-
	MINOR EQUIPMENT 5460	7200		655	6545	66.6 9.0	6,217-	86.3-
	TRAFFIC SIGNS 5545							
1040	OTHER OPERATING MATL/S 5590	6000	41	5873	86	66.6 97.8	2,809	46.8
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2633	OPERATING SUPPLIES	48600	41	19556	29004	66.6 40.2	19,266-	39.6-

	REPAIR & MAINTENANCE SP									
4375	BUILDING MATERIALS & S	5600	17400		16645	755	66.6	95.6	7,567	43.4
210	ELECTRICAL SUPPLIES	5605	9500	71	9315	114	66.6	98.0	4,472	47.0
534	PLUMBING SUPPLIES	5610	3000		2538	462	66.6	84.6	807	26.9
	STRUCTURAL STEEL & IRO	5620	750			750	66.6		750-	100.0-
67	PAINT AND PAINTING SPL	5650	1300		1240	60	66.6	95.3	560	43.0
463	MTR VEHICLE REP. PTS/S	5700	8800	13	3562	5226	66.6	40.4	3,456-	39.2-
	GENERATOR REP. PTS/SPL	5705								
	COMMUNICATION REPAIR P	5750	1000			1000	66.6		1,000-	100.0-
	AGRICLTRL REPAIR PTS/S	5755	500			500	66.6		500-	100.0-
	EXPENDABLE WELDING SPL	5770								
	OTHER REPAIR/MAINT. SP	5990	3100		88-	3188	66.6	2.8	2,968-	95.7-
5649	REPAIR & MAINTENANCE		45350	84	33211	12055	66.6	73.2	4,466	9.8
	REPR PARTS/SUPPLIES									
2010	REPR/MAINT SPL-EATON S	5991 01								
	REPR/MAINT SPL-DOWNTOW	5991 02	50000		1689	48311	66.6	3.3	47,466-	94.9-
	DISASTER REPAIR SUPPLI	5995	100		90	10	66.6	90.0	35	35.0
	8/29/05-HURRICANE KAT	5995 01								
	9/1/08-HURRICANE GUST	5995 02								
	DISASTER REPAIR SUP		100		90	10	66.6	90.0	35	35.0
	8/29/05 STORM SUPPLIES	5996								
	8/29 CHEMICALS PW8226	5996 01								
	8/29 ALLIED BLD PW340	5996 02								
	8/29/05 STORM SUPPL									
2010	REPR PARTS/SUPPLIES		50100		1779	48321	66.6	3.5	47,431-	94.6-
10292	SUPPLIES AND EXPENSES		147600	125	54746	92729	66.6	37.0	65,480-	44.3-
	PROFESSIONAL SERVICES									
	DEMOLITION	6013								
	ENGINEERING	6015								
	PROFESSIONAL SERVICE									
241	COMMUNICATIONS									
	TELEPHONE AND TELEGRAP	6060	2200		792	1408	66.6	36.0	1,012-	46.0-
241	COMMUNICATIONS		2200		792	1408	66.6	36.0	1,012-	46.0-
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	1000		25-	1025	66.6	2.5	962-	96.2-
	FREIGHT	6120								
	TRANSPORTATION		1000		25-	1025	66.6	2.5	962-	96.2-
	ADVERTISING									
	ADVERTISING	6150								
	ADVERTISING									
	INSURANCE									
	AUTOMOBILE INSURANCE	6265								

-----	INSURANCE		-----	-----	-----	-----	-----	-----	-----
	UTILITIES								
	GAS	6300							
122	ELECTRICITY	6305	3500		8563	5063-	66.6 244.6	9,344	266.9
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122	UTILITIES		3500		8563	5063-	66.6 244.6	9,344	266.9
	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							
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	8/29/05 FACILITY RE								
	8/29/05 STORM REPAIRS	6353							
	8/29/05 INFRAST REPRS	6354							

Account Number	Description	63000	253	62937	63	66.6	99.9	31,405	49.8
70	8/29/05 INFRASTR REP								
	STREETS & STRUCTURES R	6360							
	OFFICE EQUIPMENT R&M	6365							
	MINOR EQUIPMENT R&M	6382							
	GENERATOR R&M	6383	63000	62937	63	66.6	99.9	31,405	49.8
	MOTOR VEHICLE EQ. R&M	6384	4000	3692	55	66.6	92.3	1,538	38.4
	AGRICULTURAL EQ. R&M	6387							
	COMMUNICATION EQ. R&M	6390	1000		1000	66.6		1,000-	100.0-
	DOWNTOWN LIGHTS R&M	6391	4432		4432	66.6		4,432-	100.0-
	DISINFECT./EXTERMINATI	6394	200		200	66.6		200-	100.0-
	REPRS/MAINT-EATON SCHL	6395							
	TOW IN CHARGES	6398	200		200	66.6		200-	100.0-
147	OTHER REPAIRS AND MAIN	6399	800	147	653	66.6	18.3	579-	72.3-
217	REPR/MAINT-OUTSIDE L	73632	253	66776	6603	66.6	90.6	26,532	36.0
	RENTALS								
	LAND RENT	6400							
	MACHINERY RENT	6420							
	CYLINDER RENT	6425	550		550	66.6		550-	100.0-
	UNIFORM RENT	6430	3350		3350	66.6		3,350-	100.0-
	OTHER RENT	6449	200		200	66.6		200-	100.0-
	RENTALS	4100			4100	66.6		4,100-	100.0-
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS	6840							
	REGISTRATION FEE/TUITI	6845							
	SERVICES NOT SPECIFIED	6999							
	OTHER SERVICES & CHA								
580	OTHER SERVICES & CHAR	84432	253	76107	8072	66.6	90.1	29,728	35.2
	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-		59,610	
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	BUILDING IMPROVEMEN				39740	39740-		59,610	
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	BUILDING/BLD IMPROVE				39740	39740-		59,610	
	IMPROVEMENT OTHER THAN								
	DRAINS	7215							
	OTHER IMPROVEMENTS	7295							
	EAST JERUSALEM COMM C	7295 07							
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	OTHER IMPROVEMENTS								
-----			-----	-----	-----	-----	-----	-----	-----
	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-		59,610	
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62268	EXPENDITURES		927703	378	623871	303454	66.6 67.2	8,103	.8

001220 - GENERAL FUND-SANITATION DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
61778	REGULAR WAGES 4000	953973		530766	423207	66.6 55.6	157,823-	16.5-
291	DISASTER RECOVERY WAGE 4010			19149	19149-		28,723	
4239	OVERTIME 4300	21000		16669	4331	66.6 79.3	4,003	19.0
	DISASTER RECOVERY OVER 4310			10928	10928-		16,392	
66309	SALARIES	974973		577513	397460	66.6 59.2	108,703-	11.1-
EMPLOYEE BENEFITS								
10444	STATE RETIREMENT 4600	153558		90958	62600	66.6 59.2	17,120-	11.1-
4981	F.I.C.A. TAXES 4700	74585		43423	31162	66.6 58.2	9,450-	12.6-
15500	HOSPITALIZATION INS. 4800	250800		156900	93900	66.6 62.5	15,450-	6.1-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	66.6	1,000-	100.0-
	WORKMAN'S COMPENSATION 4910	90839			90839	66.6	90,839-	100.0-
30924	EMPLOYEE BENEFITS	570782		291281	279501	66.6 51.0	133,860-	23.4-
97233	PERSONAL SERVICES	1545755		868794	676961	66.6 56.2	242,563-	15.6-
OFFICE SUPPLIES								
	OTHER EXPENDABLE OFF.S 5010	1700		791	909	66.6 46.5	513-	30.1-
	MINOR OFFICE EQUIP/FUR 5020	1000		23	977	66.6 2.3	965-	96.5-
	BOOKS 5070							
	OFFICE SUPPLIES	2700		814	1886	66.6 30.1	1,478-	54.7-
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100	2150			2150	66.6	2,150-	100.0-
	HOUSEHOLD SUPPLIES 5110							
	FOOD 5115							
	MEDICAL SUPPLIES 5120							
4667	CHEMICALS 5130	20000		6669	13331	66.6 33.3	9,996-	49.9-
608	GAS AND OIL 5250	21500		9790	11710	66.6 45.5	6,814-	31.6-
	NATURAL GAS FUEL 5252							
	LUBRICANTS 5255	2000			2000	66.6	2,000-	100.0-
9019	DIESEL FUEL 5257	114470		78218	36252	66.6 68.3	2,857	2.4
	DIESEL FUEL-RECYCLING 5257 01							
	WEARING APPAREL 5355	700			700	66.6	700-	100.0-
	CONCRETE, CEMENT, ETC. 5405							
	HORT./LANDSCAPING SPLY 5440							
	HAND TOOLS 5450	1000		713	287	66.6 71.3	69	6.9
	MINOR EQUIPMENT 5460	10000			10000	66.6	10,000-	100.0-
563	OTHER OPERATING MATL/S 5590	7400		3082	4318	66.6 41.6	2,776-	37.5-
	OTHER OPERATING SPLY-R 5590 01	2920			2920	66.6	2,920-	100.0-
14858	OPERATING SUPPLIES	182140		98473	83667	66.6 54.0	34,430-	18.9-

	PLUMBING EQUIPMENT R&M	6357								
	OFFICE EQUIPMENT R&M	6365								
	FIXED EQUIPMENT R&M	6380	1000			1000	66.6		1,000-	100.0-
	MINOR EQUIPMENT R&M	6382	2800			2800	66.6		2,800-	100.0-
1490	MOTOR VEHICLE EQ. R&M	6384	80000	4,135	43408	32457	66.6	54.2	14,888-	18.6-
	COMMUNICATION EQ. R&M	6390								
50	DISINFECT./EXTERMINATI	6394	50		50		66.6	100.0	25	50.0
950	TOW IN CHARGES	6398	1900		1740	160	66.6	91.5	710	37.3
380	OTHER REPAIRS AND MAIN	6399	2300		2240	60	66.6	97.3	1,060	46.0
2870	REPR/MAINT-OUTSIDE L		88050	4,135	47438	36477	66.6	53.8	16,892-	19.1-
	RENTALS									
	LAND RENT	6400								
686	UNIFORM RENT	6430	10600		6721	3879	66.6	63.4	518-	4.8-
132	MOP-MAT-RAG RENT	6435	1000		815	185	66.6	81.5	222	22.2
818	RENTALS		11600		7536	4064	66.6	64.9	296-	2.5-
	OTHER SERVICES & CHARGE									
132287	TIPPING FEES	6880	650000		565447	84553	66.6	86.9	198,170	30.4
64346	TIPPING/DISPOSAL OTHER	6885	134500		120648	13852	66.6	89.7	46,472	34.5
946	RECYCLING FEES	6890	50000		3518	46482	66.6	7.0	44,722-	89.4-
	SERVICES NOT SPECIFIED	6999								
197579	OTHER SERVICES & CHA		834500		689613	144887	66.6	82.6	199,919	23.9
201913	OTHER SERVICES & CHAR		958750	4,715	754753	199283	66.6	78.7	173,379	18.0
	LAND									
	LEASEHOLDS	7020								
	LAND									
	BUILDING/BLD IMPROVEMEN									
	BUILDINGS	7100								
	PUB.SERV./SANITA.BLDG	7100 18								
	BUILDINGS									
	BUILDING IMPROVEMENTS	7150								
	PUB.SERV./SANITA.BLDG	7150 38								
	BUILDING IMPROVEMEN									
	BUILDING/BLD IMPROVE									
	IMPROVEMENT OTHER THAN									
	OTHER IMPROVEMENTS	7295								
	IMPROVEMENT OTHER TH									
	MACHINERY AND EQUIPMENT									
	OFFICE FURN/EQUIP.	7325								
	PLANT EQUIPMENT	7340								
	COMMUNICATION EQUIPMEN	7355								
	OTHER EQUIPMENT	7399	52000			52000	66.6		52,000-	100.0-
	OTHER EQUIPMENT-RECYCL	7399 01								

-----	MACHINERY AND EQUIPM	-----	-----	-----	-----	-----	-----	-----
		52000			52000	66.6		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	66.6		52,000- 100.0-
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319776	EXPENDITURES	2848201	10,594	1795131	1042477	66.6	63.0	155,504- 5.4-

001221 - GENERAL FUND-STREET CLEANING

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	PERCENT ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES									
4008	REGULAR WAGES 4000	52104		34068	18036	66.6	65.3	1,002-	1.9-
	DISASTER RECOVERY WAGE 4010								
28	OVERTIME 4300	3000		290	2710	66.6	9.6	2,564-	85.4-
	DISASTER RECOVERY OVER 4310								
4036	SALARIES	55104		34358	20746	66.6	62.3	3,566-	6.4-
EMPLOYEE BENEFITS									
636	STATE RETIREMENT 4600	8679		5411	3268	66.6	62.3	562-	6.4-
308	F.I.C.A. TAXES 4700	4215		2622	1593	66.6	62.2	281-	6.6-
1000	HOSPITALIZATION INS. 4800	13200		9000	4200	66.6	68.1	300	2.2
	UNEMPLOYMENT BENEFITS 4900	500			500	66.6		500-	100.0-
	WORKMAN'S COMPENSATION 4910	2204			2204	66.6		2,204-	100.0-
1944	EMPLOYEE BENEFITS	28798		17033	11765	66.6	59.1	3,248-	11.2-
5980	PERSONAL SERVICES	83902		51392	32510	66.6	61.2	6,814-	8.1-
OPERATING SUPPLIES									
	GAS AND OIL 5250								
	LUBRICANTS 5255								
454	DIESEL FUEL 5257	7200		3960	3240	66.6	55.0	1,260-	17.5-
	WEARING APPAREL 5355								
	HAND TOOLS 5450								
	MINOR EQUIPMENT 5460	4600		4584	16	66.6	99.6	2,276	49.4
	OTHER OPERATING MATL/S 5590	4000		3284	716	66.6	82.1	926	23.1
454	OPERATING SUPPLIES	15800		11828	3972	66.6	74.8	1,942	12.2
REPAIR & MAINTENANCE SP									
	PAINT AND PAINTING SPL 5650								
	MTR VEHICLE REP. PTS/S 5700	3400	55	1812	1533	66.6	53.2	682-	20.0-
	REPAIR & MAINTENANCE	3400	55	1812	1533	66.6	53.2	682-	20.0-
454	SUPPLIES AND EXPENSES	19200	55	13640	5506	66.6	71.0	1,260	6.5
TRANSPORTATION									
	FREIGHT 6120	200		186	14	66.6	93.0	79	39.5
	TRANSPORTATION	200		186	14	66.6	93.0	79	39.5
ADVERTISING									
	ADVERTISING 6150								
ADVERTISING									

INSURANCE									
PUBLIC LIAB/PROPERTY D 6255									
AUTOMOBILE INSURANCE 6265									

INSURANCE									
REPR/MAINT-OUTSIDE LABO									
MOTOR VEHICLE EQ. R&M 6384	1000		360	640	66.6	36.0	460-	46.0-	
COMMUNICATION EQ. R&M 6390									
TOW IN CHARGES 6398	500		350	150	66.6	70.0	25	5.0	

REPR/MAINT-OUTSIDE L	1500		710	790	66.6	47.3	434-	28.9-	
RENTALS									
UNIFORM RENT 6430	900			900	66.6		900-	100.0-	

RENTALS	900			900	66.6		900-	100.0-	
OTHER SERVICES & CHARGE									
SERVICES NOT SPECIFIED 6999									

OTHER SERVICES & CHA									

OTHER SERVICES & CHAR	2600		896	1704	66.6	34.4	1,256-	48.3-	

BUILDING/BLD IMPROVEMEN									
BUILDINGS 7100									
PUB.SERV./SANITA.BLDG 7100 18									

BUILDINGS									

BUILDING/BLD IMPROVE									
VEHICLES									
PICK UP TRUCKS 7420									
HEAVY TRUCKS 7430									
SPECIAL TRUCKS 7450									

VEHICLES									

CAPITAL OUTLAY									

6434 EXPENDITURES	105702	55	65927	39720	66.6	62.3	6,811-	6.4-	

001250 - GENERAL FUND-HEALTH DIVISION

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	PERCENT ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES									
24064	REGULAR WAGES 4000	304506		178874	125632	66.6	58.7	36,194-	11.8-
	DISASTER RECOVERY WAGE 4010			5032	5032-			7,548	
957	OVERTIME 4300	10000		4434	5566	66.6	44.3	3,348-	33.4-
	DISASTER RECOVERY OVER 4310			3764	3764-			5,646	
25021	SALARIES	314506		192103	122403	66.6	61.0	26,351-	8.3-
EMPLOYEE BENEFITS									
3941	STATE RETIREMENT 4600	49535		30256	19279	66.6	61.0	4,151-	8.3-
1896	F.I.C.A. TAXES 4700	24060		14576	9484	66.6	60.5	2,196-	9.1-
6000	HOSPITALIZATION INS. 4800	79200		51100	28100	66.6	64.5	2,550-	3.2-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	66.6		500-	100.0-
	WORKMAN'S COMPENSATION 4910	14402		14402	14402	66.6		14,402-	100.0-
11837	EMPLOYEE BENEFITS	167697		95932	71765	66.6	57.2	23,799-	14.1-
36857	PERSONAL SERVICES	482203		288036	194167	66.6	59.7	50,149-	10.3-
OFFICE SUPPLIES									
	OTHER EXPENDABLE OFF.S 5010								
OFFICE SUPPLIES									
OPERATING SUPPLIES									
	MEDICAL SUPPLIES 5120								
	CHEMICALS 5130	130000	53,581	68833	7586	66.6	52.9	26,750-	20.5-
	CHEMICALS-MOSQUITO GRA 5135								
1744	GAS AND OIL 5250	21000		12557	8443	66.6	59.7	2,164-	10.3-
	LUBRICANTS 5255								
505	DIESEL FUEL 5257	3000		5183	2183-	66.6	172.7	4,774	159.1
	OTHER FUEL 5260								
	WEARING APPAREL 5355	700		51	649	66.6	7.2	623-	89.0-
	HAND TOOLS 5450	1000		409	591	66.6	40.9	386-	38.6-
	MINOR EQUIPMENT 5460	1400		400	1000	66.6	28.5	800-	57.1-
	HAZ.MAT SUP-DOMESTIC P 5466								
	OTHER OPERATING MATL/S 5590	1700		1173	527	66.6	69.0	59	3.4
2249	OPERATING SUPPLIES	158800	53,581	88606	16613	66.6	55.7	25,890-	16.3-
REPAIR & MAINTENANCE SP									
	ELECTRICAL SUPPLIES 5605								
	PLUMBING SUPPLIES 5610								
	PAINT AND PAINTING SPL 5650								
	MTR VEHICLE REP. PTS/S 5700	8450	616	7516	318	66.6	88.9	2,824	33.4
	COMMUNICATION REPAIR P 5750								
	AGRICLTRL REPAIR PTS/S 5755	300			300	66.6		300-	100.0-

-----	REPAIR & MAINTENANCE	8750	616	7516	618	66.6	85.8	2,524	28.8
-----	2249 SUPPLIES AND EXPENSES	167550	54,197	96122	17230	66.6	57.3	23,366-	13.9-
-----	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	1600			1600	66.6		1,600-	100.0-
-----	MOTOR VEHICLE EQ. R&M 6384	2200		1261	939	66.6	57.3	308-	14.0-
-----	AGRICULTURAL EQ. R&M 6387	400			400	66.6		400-	100.0-
-----	COMMUNICATION EQ. R&M 6390	800			800	66.6		800-	100.0-
-----	TOW IN CHARGES 6398	200		40	160	66.6	20.0	140-	70.0-
-----	REPR/MAINT-OUTSIDE L	5200		1301	3899	66.6	25.0	3,248-	62.4-
-----	RENTALS								
-----	273 UNIFORM RENT 6430	2500		2303	197	66.6	92.1	954	38.1
-----	RENTALS	2500		2303	197	66.6	92.1	954	38.1
-----	OTHER SERVICES & CHARGE								
-----	REGISTRATION FEE/TUITI 6845	1000			1000	66.6		1,000-	100.0-
-----	SERVICES NOT SPECIFIED 6999								
-----	OTHER SERVICES & CHA	1000			1000	66.6		1,000-	100.0-
-----	273 OTHER SERVICES & CHAR	8700		3604	5096	66.6	41.4	3,294-	37.8-
-----	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	66.6		45,000-	100.0-
	SPECIAL TRUCKS 7450								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	VEHICLES	45000			45000	66.6		45,000-	100.0-
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	CAPITAL OUTLAY	45000			45000	66.6		45,000-	100.0-
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39380	EXPENDITURES	703453	54,197	387762	261494	66.6	55.1	121,809-	17.3-

001260 - GENERAL FUND-ANIMAL CONTROL

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
<u>SALARIES</u>									
5893	REGULAR WAGES 4000	101574		57067	44507	66.6	56.1	15,973-	15.7-
	DISASTER RECOVERY WAGE 4010			259	259-			388	
202	OVERTIME 4300	2000		833	1167	66.6	41.6	750-	37.5-
	DISASTER RECOVERY OVER 4310								
<u>-----</u>									
6096	SALARIES	103574		58158	45416	66.6	56.1	16,336-	15.7-
<u>EMPLOYEE BENEFITS</u>									
960	STATE RETIREMENT 4600	16313		9160	7153	66.6	56.1	2,573-	15.7-
455	F.I.C.A. TAXES 4700	7923		4347	3576	66.6	54.8	1,402-	17.6-
1500	HOSPITALIZATION INS. 4800	26400		16200	10200	66.6	61.3	2,100-	7.9-
	UNEMPLOYMENT BENEFITS 4900	500			500	66.6		500-	100.0-
	WORKMAN'S COMPENSATION 4910	1384			1384	66.6		1,384-	100.0-
<u>-----</u>									
2915	EMPLOYEE BENEFITS	52520		29707	22813	66.6	56.5	7,959-	15.1-
<u>-----</u>									
9011	PERSONAL SERVICES	156094		87866	68228	66.6	56.2	24,294-	15.5-
<u>OFFICE SUPPLIES</u>									
	PAPER 5003								
	PRINTED FORMS 5005								
	OTHER EXPENDABLE OFF.S 5010	200		189	11	66.6	94.5	83	41.5
	MINOR OFFICE EQUIP/FUR 5020								
	PHOTO SUPPLIES 5040								
	SUBSCRIPTIONS,MAGS,MAP 5050								
	BOOKS 5070								
	COMPUTER SUPPLIES 5080	200			200	66.6		200-	100.0-
<u>-----</u>									
	OFFICE SUPPLIES	400		189	211	66.6	47.2	116-	29.0-
<u>OPERATING SUPPLIES</u>									
	CLEANING/JANITORIAL SP 5100								
	HOUSEHOLD SUPPLIES 5110								
	FOOD 5115								
	MEDICAL SUPPLIES 5120								
	CHEMICALS 5130								
340	GAS AND OIL 5250	7000		3596	3404	66.6	51.3	1,606-	22.9-
	LUBRICANTS 5255								
	WEARING APPAREL 5355	2200		2198	2	66.6	99.9	1,097	49.8
	HORT./LANDSCAPING SPLY 5440								
	HAND TOOLS 5450								
	MINOR EQUIPMENT 5460	1200		1076	124	66.6	89.6	414	34.5
	OTHER OPERATING MATL/S 5590	500		135	365	66.6	27.0	297-	59.4-
<u>-----</u>									
340	OPERATING SUPPLIES	10900		7006	3894	66.6	64.2	390-	3.5-

	REPAIR & MAINTENANCE SP							
	BUILDING MATERIALS & S 5600							
	ELECTRICAL SUPPLIES 5605							
	PLUMBING SUPPLIES 5610							
	STRUCTURAL STEEL & IRO 5620							
	PAINT AND PAINTING SPL 5650							
88	MTR VEHICLE REP. PTS/S 5700	3500		88	3412	66.6	2.5	3,368- 96.2-
	COMMUNICATION REPAIR P 5750							
	OTHER REPAIR/MAINT. SP 5990							
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88	REPAIR & MAINTENANCE	3500		88	3412	66.6	2.5	3,368- 96.2-
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428	SUPPLIES AND EXPENSES	14800		7283	7517	66.6	49.2	3,875- 26.1-
	PROFESSIONAL SERVICES							
	VETERINARIAN 6030	2000			2000	66.6		2,000- 100.0-
	OTHER PROFESSIONAL SER 6049							
-----		-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE	2000			2000	66.6		2,000- 100.0-
	COMMUNICATIONS							
	TELEPHONE AND TELEGRAP 6060	500		11	489	66.6	2.2	483- 96.6-
	POSTAGE 6070							
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	COMMUNICATIONS	500		11	489	66.6	2.2	483- 96.6-
	TRANSPORTATION							
	TRAVEL EXPENSE 6110	800			800	66.6		800- 100.0-
	FREIGHT 6120							
	MESSENGER/EXPRESS SERV 6130							
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	TRANSPORTATION	800			800	66.6		800- 100.0-
	ADVERTISING							
	ADVERTISING 6150							
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	ADVERTISING							
	PRINTING AND BINDING							
	PRINTING 6200	200			200	66.6		200- 100.0-
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	PRINTING AND BINDING	200			200	66.6		200- 100.0-
	INSURANCE							
	AUTOMOBILE INSURANCE 6265							
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	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	66.6		1,400- 100.0-
	COMMUNICATION EQ. R&M 6390							

	CLEANING AND PAINTING	6392						
	DISINFECT./EXTERMINATI	6394						
	SIGN PAINTING	6396						
	TOW IN CHARGES	6398	100		100	66.6		100- 100.0-
	OTHER REPAIRS AND MAIN	6399						
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	REPR/MAINT-OUTSIDE L		1500		1500	66.6		1,500- 100.0-
	RENTALS							
	OTHER RENT	6449						
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	RENTALS							
	OTHER SERVICES & CHARGE							
	DUES AND MEMBERSHIPS	6840	125		125	66.6		125- 100.0-
	REGISTRATION FEE/TUITI	6845	1800		1800	66.6		1,800- 100.0-
9716	SERVICES NOT SPECIFIED	6999	119760	87444	32316	66.6	73.0	11,406 9.5
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9716	OTHER SERVICES & CHA		121685	87444	34241	66.6	71.8	9,481 7.7
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9716	OTHER SERVICES & CHAR		126685	87455	39230	66.6	69.0	4,497 3.5
	MACHINERY AND EQUIPMENT							
	HOUSEHOLD FURN/EQUIP.	7320						
	OFFICE FURN/EQUIP.	7325						
	DATA PROCESSING EQUIP.	7327						
	COMMUNICATION EQUIPMEN	7355						
	OTHER EQUIPMENT	7399						
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	MACHINERY AND EQUIPM							
	VEHICLES							
	AUTOMOBILES	7400						
	PICK UP TRUCKS	7420						
-----			-----	-----	-----	-----	-----	-----
	VEHICLES							
-----			-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY							
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19155	EXPENDITURES		297579	182603	114976	66.6	61.3	23,674- 7.9-

001280 - GENERAL FUND-HUMAN/SOC.ASST

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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		66.6 100.0	1,750	50.0
	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		66.6 100.0	53,190	50.0
	CTR FOR CHILD ABUSE P	6820 23	5000		5000	66.6	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	66.6	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	66.6	25,000-	100.0-
	HATTIESBURG ARTS CENT	6820 44	50000	50000		66.6 100.0	25,000	50.0
	UNALLOCATED CONTRIBUT	6820 99	10000		10000	66.6	10,000-	100.0-

-----	CONTRIBUTIONS	----- 249880	----- 159880	----- 90000	----- 66.6	----- 63.9	----- 10,060-	----- 4.0-
-----	OTHER SERVICES & CHA	----- 249880	----- 159880	----- 90000	----- 66.6	----- 63.9	----- 10,060-	----- 4.0-
-----	OTHER SERVICES & CHAR	----- 249880	----- 159880	----- 90000	----- 66.6	----- 63.9	----- 10,060-	----- 4.0-
-----	EXPENDITURES	----- 249880	----- 159880	----- 90000	----- 66.6	----- 63.9	----- 10,060-	----- 4.0-

001402 - GENERAL FUND-ECONOMIC DEV.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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							
50000	FCIPC/AREA DEV. PRTNR 6820 01	200000		150000	50000	66.6 75.0	25,000	12.5
	PRCC TECH CENTER 6820 02							
	FCIPC/ECONOMIC DEVEL. 6820 03							
	H'BURG DOWNTOWN ASSN 6820 37	30000			30000	66.6	30,000-	100.0-
	CAMP SHELBY STUDY 6820 45							
	PHWD-FEASIBILITY STUD 6820 50							
50000	CONTRIBUTIONS	230000		150000	80000	66.6 65.2	5,000-	2.1-
50000	OTHER SERVICES & CHA	230000		150000	80000	66.6 65.2	5,000-	2.1-
50000	OTHER SERVICES & CHAR	230000		150000	80000	66.6 65.2	5,000-	2.1-
	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							
50000	EXPENDITURES	230000		150000	80000	66.6 65.2	5,000-	2.1-

001460 - GENERAL FUND-CAPITAL LEASES

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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		14375	7191	66.6 66.6	3-	
	MDB-4TH ST WIDENING 8223 07							
	MDB-CHAIN PARK 8223 08							
7398	MDB-HUB CITY LOFTS 8223 09	88409		66141	22268	66.6 74.8	10,802	12.2
-----		-----	-----	-----	-----	-----	-----	-----
9195	MDB CAPITAL PROJECT	109975		80516	29459	66.6 73.2	10,799	9.8
	W&S USA YEAST 2002"B"N 8224							
-----		-----	-----	-----	-----	-----	-----	-----
9195	NOTE PRINCIPAL	109975		80516	29459	66.6 73.2	10,799	9.8
	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							
436	MDB-CHURCH PROJ 8333 06	7500		3015	4485	66.6 40.2	2,977-	39.6-
	MDB-4TH ST WIDENING 8333 07							
	MDB-CHAIN PARK 8333 08							
2720	MDB-HUB CITY LOFTS 8333 09	33005		24918	8087	66.6 75.4	4,372	13.2
-----		-----	-----	-----	-----	-----	-----	-----
3156	MDB CAPITAL PROJECT	40505		27933	12572	66.6 68.9	1,394	3.4
	W&S USA YEAST 2002"B"N 8334							
-----		-----	-----	-----	-----	-----	-----	-----
3156	INTEREST ON NOTES	40505		27933	12572	66.6 68.9	1,394	3.4
	PAYING AGENT FEES							
	LEASE ISSUES 8401	3000		3000		66.6 100.0	1,500	50.0
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	3000		3000		66.6 100.0	1,500	50.0
	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							
	PUBLIC SAFETY COMPLEX	8516							
40135	SANITATION TRUCKS LEAS	8520	480675		319600	161075	66.6	66.4	1,275-
	SANITATION CANS LEASE	8521							.2-
	SPECIAL TRUCKS LEASE	8523							
	DUMP TRUCK LEASE	8525							
	DOWNTOWN LIGHTING	8531							
-----			-----	-----	-----	-----	-----	-----	-----
40135	CAPITAL LEASE PAYMEN		480675		319600	161075	66.6	66.4	1,275-
	INTEREST ON CAPITAL LEA								.2-
	COMPUTER LEASE-INFO SY	8610							
	COMPUTER LEASE-POLICE	8611							
	POLICE CARS LEASE	8612							
	EMER GENERATORS LEASE	8613							
	2012 EQUIP LEASE	8614							
	BUILDING LEASE	8615							
116198	PUBLIC SAFETY COMPLEX	8616	330524		330522	2	66.6	99.9	165,259
1241	SANITATION TRUCKS LEAS	8620	15845		11412	4433	66.6	72.0	1,273
	SANITATION CANS LEASE	8621							8.0
	SPECIAL TRUCKS LEASE	8623							
	DUMP TRUCK LEASE	8625							
	DOWNTOWN LIGHTING	8631							
-----			-----	-----	-----	-----	-----	-----	-----
117439	INTEREST ON CAPITAL		346369		341934	4435	66.6	98.7	166,532
-----			-----	-----	-----	-----	-----	-----	-----
169925	DEBT SERVICE		980524		772984	207540	66.6	78.8	178,952
-----			-----	-----	-----	-----	-----	-----	-----
169925	EXPENDITURES		980524		772984	207540	66.6	78.8	178,952

001500 - GENERAL FUND-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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		1400000	840000	66.6 62.5	140,000-	6.2-
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		66.6 100.0	115,000	50.0
T/T W & S CONSTRUCTION	9000 75							
T/T COMMUNITY CENTERS	9000 77	990000		500000	490000	66.6 50.5	240,000-	24.2-
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							
-----		-----	-----	-----	-----	-----	-----	-----
TRANSFERS TO OTHER F		3460000		2130000	1330000	66.6 61.5	265,000-	7.6-
-----		-----	-----	-----	-----	-----	-----	-----
TRANSFERS		3460000		2130000	1330000	66.6 61.5	265,000-	7.6-
-----		-----	-----	-----	-----	-----	-----	-----
EXPENDITURES		3460000		2130000	1330000	66.6 61.5	265,000-	7.6-

001551 - GENERAL FUND-AIRPORT DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	PERCENT ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES									
3840	REGULAR WAGES 4000	49920		32640	17280	66.6	65.3	960-	1.9-
	DISASTER RECOVERY WAGE 4010								
36	OVERTIME 4300	1000		255	745	66.6	25.5	617-	61.7-
	DISASTER RECOVERY OVER 4310								
3876	SALARIES	50920		32895	18025	66.6	64.6	1,577-	3.0-
EMPLOYEE BENEFITS									
610	STATE RETIREMENT 4600	8020		5181	2839	66.6	64.6	248-	3.0-
293	F.I.C.A. TAXES 4700	3895		2488	1407	66.6	63.8	163-	4.1-
1000	HOSPITALIZATION INS. 4800	13200		9000	4200	66.6	68.1	300	2.2
	UNEMPLOYMENT BENEFITS 4900	500		500	500	66.6		500-	100.0-
	WORKMAN'S COMPENSATION 4910	3028		3028	3028	66.6		3,028-	100.0-
1903	EMPLOYEE BENEFITS	28643		16669	11974	66.6	58.1	3,639-	12.7-
5779	PERSONAL SERVICES	79563		49564	29999	66.6	62.2	5,217-	6.5-
OPERATING SUPPLIES									
267	CLEANING/JANITORIAL SP 5100	450		267	183	66.6	59.3	49-	10.8-
	CHEMICALS 5130	1000			1000	66.6		1,000-	100.0-
531	GAS AND OIL 5250	6500		3340	3160	66.6	51.3	1,490-	22.9-
	LUBRICANTS 5255	200			200	66.6		200-	100.0-
	DIESEL FUEL 5257	1000		800	200	66.6	80.0	200	20.0
	ASPHALT & ASPHALT PROD 5400								
	CONCRETE, CEMENT, ETC. 5405								
	SAND, CLAY, GRVL, FILL DI 5415								
	HORT./LANDSCAPING SPLY 5440								
	HAND TOOLS 5450	500			500	66.6		500-	100.0-
	MINOR EQUIPMENT 5460	1300			1300	66.6		1,300-	100.0-
	OTHER OPERATING MATL/S 5590	4400		533	3867	66.6	12.1	3,600-	81.8-
797	OPERATING SUPPLIES	15350		4939	10411	66.6	32.1	7,941-	51.7-
REPAIR & MAINTENANCE SP									
	BUILDING MATERIALS & S 5600	1000			1000	66.6		1,000-	100.0-
	ELECTRICAL SUPPLIES 5605	7450		2282	5168	66.6	30.6	4,026-	54.0-
	PLUMBING SUPPLIES 5610	700		341	359	66.6	48.7	188-	26.8-
	STRUCTURAL STEEL & IRO 5620								
	PAINT AND PAINTING SPL 5650								
	MTR VEHICLE REP. PTS/S 5700	1000		227	773	66.6	22.7	659-	65.9-
	COMMUNICATION REPAIR P 5750								
	AGRICLTRL REPAIR PTS/S 5755	2000			2000	66.6		2,000-	100.0-
	EXPENDABLE WELDING SPL 5770	700			700	66.6		700-	100.0-
2812	OTHER REPAIR/MAINT. SP 5990	10000	195	6249	3556	66.6	62.4	626-	6.2-

2812	REPAIR & MAINTENANCE	22850	195	9100	13555	66.6	39.8	9,200-	40.2-
3609	SUPPLIES AND EXPENSES	38200	195	14039	23966	66.6	36.7	17,141-	44.8-
	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								
32	UTILITIES								
1279	GAS 6300	1200		397	803	66.6	33.0	604-	50.3-
	ELECTRICITY 6305	14000		8913	5087	66.6	63.6	630-	4.5-
	WATER 6315								
1311	UTILITIES	15200		9310	5890	66.6	61.2	1,234-	8.1-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350	1000			1000	66.6		1,000-	100.0-
	STREETS & STRUCTURES R 6360								
	FIXED EQUIPMENT R&M 6380	2000		225	1775	66.6	11.2	1,662-	83.1-
	MINOR EQUIPMENT R&M 6382	500			500	66.6		500-	100.0-
	GENERATOR R&M 6383								
	MOTOR VEHICLE EQ. R&M 6384	2000			2000	66.6		2,000-	100.0-
	CONSTRUCTION EQUIP R&M 6386								
	AGRICULTURAL EQ. R&M 6387	1000			1000	66.6		1,000-	100.0-
	COMMUNICATION EQ. R&M 6390								
	DISINFECT./EXTERMINATI 6394	800		495	305	66.6	61.8	57-	7.1-
	OTHER REPAIRS AND MAIN 6399	58550		2937	55613	66.6	5.0	54,144-	92.4-

	REPR/MAINT-OUTSIDE L	65850		3657	62193	66.6	5.5	60,364-	91.6-
	RENTALS								
	LAND RENT 6400								
	CYLINDER RENT 6425	200			200	66.6		200-	100.0-
	UNIFORM RENT 6430	750			750	66.6		750-	100.0-
21	OTHER RENT 6449	2000		168	1832	66.6	8.4	1,748-	87.4-
21	RENTALS	2950		168	2782	66.6	5.6	2,698-	91.4-
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS 6840								
	REGISTRATION FEE/TUITI 6845	958			958	66.6		958-	100.0-
	SERVICES NOT SPECIFIED 6999	1000			1000	66.6		1,000-	100.0-
	OTHER SERVICES & CHA	1958			1958	66.6		1,958-	100.0-
1331	OTHER SERVICES & CHAR	85958		13135	72823	66.6	15.2	66,255-	77.0-
	LAND								
	LEASEHOLDS 7020								
	LAND								
	BUILDING/BLD IMPROVEMEN								
	BUILDINGS 7100								
	STORAGE SHED 7100 23								
	BUILDINGS								
	BUILDING IMPROVEMENTS 7150								
	HANGER #3 IMPROVEMENT 7150 32								
	BUILDING IMPROVEMEN								
	BUILDING/BLD IMPROVE								
	IMPROVEMENT OTHER THAN								
	DRAINS 7215								
	OTHER IMPROVEMENTS 7295								
	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	AGRICULTURAL EQUIPMENT 7335								
	CONSTRUCTION EQUIPMENT 7345								
	COMMUNICATION EQUIPMEN 7355								
	OTHER EQUIPMENT 7399								
	MACHINERY AND EQUIPM								
	VEHICLES								
	PICK UP TRUCKS 7420								
	SPECIAL TRUCKS 7450								
	VEHICLES								
	CAPITAL OUTLAY								

10720	EXPENDITURES	203721	195	76738	126788	66.6	37.6	88,613-	43.4-
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001553 - GENERAL FUND-CEMETERY DIV

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
<u>SALARIES</u>								
30877	REGULAR WAGES 4000	482309		259723	222586	66.6 53.8	92,724-	19.2-
	DISASTER RECOVERY WAGE 4010			9683	9683-		14,524	
1691	OVERTIME 4300	18000		15150	2850	66.6 84.1	4,725	26.2
	DISASTER RECOVERY OVER 4310			2615	2615-		3,922	
-----		-----	-----	-----	-----	-----	-----	-----
32568	SALARIES	500309		287171	213138	66.6 57.3	69,552-	13.9-
<u>EMPLOYEE BENEFITS</u>								
5130	STATE RETIREMENT 4600	78799		45229	33570	66.6 57.3	10,955-	13.9-
2444	F.I.C.A. TAXES 4700	38274		21482	16792	66.6 56.1	6,050-	15.8-
7500	HOSPITALIZATION INS. 4800	118800		73900	44900	66.6 62.2	7,950-	6.6-
	UNEMPLOYMENT BENEFITS 4900	1000		1000	1000	66.6	1,000-	100.0-
	WORKMAN'S COMPENSATION 4910	19699		19699	19699	66.6	19,699-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
15074	EMPLOYEE BENEFITS	256572		140611	115961	66.6 54.8	45,655-	17.7-
-----		-----	-----	-----	-----	-----	-----	-----
47642	PERSONAL SERVICES	756881		427782	329099	66.6 56.5	115,207-	15.2-
<u>OFFICE SUPPLIES</u>								
	PAPER 5003	100		27	73	66.6 27.0	59-	59.0-
	PRINTED FORMS 5005							
116	OTHER EXPENDABLE OFF.S 5010	1590		1393	197	66.6 87.6	499	31.3
	MINOR OFFICE EQUIP/FUR 5020	1110		110	1000	66.6 9.9	944-	85.0-
	PUBLIC EDUCATION MAT'L 5032							
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
-----		-----	-----	-----	-----	-----	-----	-----
116	OFFICE SUPPLIES	2800		1530	1270	66.6 54.6	504-	18.0-
<u>OPERATING SUPPLIES</u>								
673	CLEANING/JANITORIAL SP 5100	2000		1176	824	66.6 58.8	236-	11.8-
	FOOD 5115							
	MEDICAL SUPPLIES 5120							
	CHEMICALS 5130	2700		293	2407	66.6 10.8	2,260-	83.7-
1321	GAS AND OIL 5250	25000		11087	13913	66.6 44.3	8,369-	33.4-
	LUBRICANTS 5255	500			500	66.6	500-	100.0-
822	DIESEL FUEL 5257	18000		8366	9634	66.6 46.4	5,450-	30.2-
312	WEARING APPAREL 5355	2100		780	1320	66.6 37.1	930-	44.2-
	ASPHALT & ASPHALT PROD 5400							
	CONCRETE, CEMENT, ETC. 5405	200			200	66.6	200-	100.0-
	SAND,CLAY,GRVL,FILL DI 5415	3000		2160	840	66.6 72.0	240	8.0
	DRAINAGE PIPE & CULVER 5420							
795	HORT./LANDSCAPING SPLY 5440	4000		2024	1976	66.6 50.6	964-	24.1-
1-	HAND TOOLS 5450	800		178	622	66.6 22.2	532-	66.5-

	MINOR EQUIPMENT	5460	3500		2627	873	66.6	75.0	440	12.5
	PUMPING EQUIPMENT PART	5495								
	TRAFFIC SIGNS	5545								
376	OTHER OPERATING MATL/S	5590	500		376	124	66.6	75.2	64	12.8
4298	OPERATING SUPPLIES		62300		29067	33233	66.6	46.6	18,699-	30.0-
	REPAIR & MAINTENANCE SP									
65	BUILDING MATERIALS & S	5600	2000		205	1795	66.6	10.2	1,692-	84.6-
30	ELECTRICAL SUPPLIES	5605	500		57	443	66.6	11.4	414-	82.8-
	PLUMBING SUPPLIES	5610	500		172	328	66.6	34.4	242-	48.4-
	STRUCTURAL STEEL & IRO	5620								
	PAINT AND PAINTING SPL	5650								
348	MTR VEHICLE REP. PTS/S	5700	10000	33	9370	597	66.6	93.7	4,055	40.5
	COMMUNICATION REPAIR P	5750	500			500	66.6		500-	100.0-
974	AGRICLTRL REPAIR PTS/S	5755	5000		3213	1787	66.6	64.2	180-	3.6-
	EXPENDABLE WELDING SPL	5770								
	OTHER REPAIR/MAINT. SP	5990	100			100	66.6		100-	100.0-
	DISASTER REPAIR SUPPLI	5995	1250		1242	8	66.6	99.3	613	49.0
1417	REPAIR & MAINTENANCE		19850	33	14260	5557	66.6	71.8	1,540	7.7
5830	SUPPLIES AND EXPENSES		84950	33	44857	40060	66.6	52.8	17,664-	20.7-
	PROFESSIONAL SERVICES									
	ENGINEERING	6015								
	LEGAL	6025								
	MEDICAL	6027								
308	OTHER PROFESSIONAL SER	6049	3800		2513	1287	66.6	66.1	30-	.7-
308	PROFESSIONAL SERVICE		3800		2513	1287	66.6	66.1	30-	.7-
	COMMUNICATIONS									
229	TELEPHONE AND TELEGRAP	6060	1500		746	754	66.6	49.7	380-	25.3-
229	COMMUNICATIONS		1500		746	754	66.6	49.7	380-	25.3-
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	1000		270	730	66.6	27.0	594-	59.4-
28	FREIGHT	6120	175		93	82	66.6	53.1	35-	20.0-
28	TRANSPORTATION		1175		363	812	66.6	30.8	630-	53.6-
	ADVERTISING									
	ADVERTISING	6150								
	ADVERTISING									
	PRINTING AND BINDING									
	PRINTING	6200								
	BLUELINES	6210								
	PRINTING AND BINDING									
	INSURANCE									
	FIRE & EXTENDED COVERA	6250								
	PUBLIC LIAB/PROPERTY D	6255								
	AUTOMOBILE INSURANCE	6265								

-----	INSURANCE	-----	-----	-----	-----	-----	-----	-----	-----
	UTILITIES								
13	GAS 6300	1000		382	618	66.6	38.2	426-	42.6-
458	ELECTRICITY 6305	7126		3493	3633	66.6	49.0	1,886-	26.4-
	WATER 6315								
-----		-----	-----	-----	-----	-----	-----	-----	-----
471	UTILITIES	8126		3875	4251	66.6	47.6	2,313-	28.4-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350	500			500	66.6		500-	100.0-
	ELECTRICAL R&M 6355								
	PLUMBING EQUIPMENT R&M 6357								
	STREETS & STRUCTURES R 6360	13400			13400	66.6		13,400-	100.0-
	OFFICE EQUIPMENT R&M 6365	135			135	66.6		135-	100.0-
	FIXED EQUIPMENT R&M 6380								
	MINOR EQUIPMENT R&M 6382								
16	MOTOR VEHICLE EQ. R&M 6384	14465	313	4258	9895	66.6	29.4	8,077-	55.8-
	CONSTRUCTION EQUIP R&M 6386	8500		1501	6999	66.6	17.6	6,248-	73.5-
	AGRICULTURAL EQ. R&M 6387	1000			1000	66.6		1,000-	100.0-
	COMMUNICATION EQ. R&M 6390								
	CLEANING AND PAINTING 6392								
266	DISINFECT./EXTERMINATI 6394	1000		536	464	66.6	53.6	196-	19.6-
	SIGN PAINTING 6396								
250	TOW IN CHARGES 6398	800		500	300	66.6	62.5	50-	6.2-
64	OTHER REPAIRS AND MAIN 6399	1500		229	1271	66.6	15.2	1,156-	77.0-
-----		-----	-----	-----	-----	-----	-----	-----	-----
596	REPR/MAINT-OUTSIDE L	41300	313	7024	33964	66.6	17.0	30,764-	74.4-
	RENTALS								
	MACHINERY RENT 6420								
	CYLINDER RENT 6425								
254	UNIFORM RENT 6430	3500		1929	1571	66.6	55.1	606-	17.3-
91	MOP-MAT-RAG RENT 6435	1350		863	487	66.6	63.9	55-	4.0-
-----		-----	-----	-----	-----	-----	-----	-----	-----
345	RENTALS	4850		2792	2058	66.6	57.5	662-	13.6-
	OTHER SERVICES & CHARGE								
	THEFT LOSS 6818	10			10	66.6		10-	100.0-
	DUES AND MEMBERSHIPS 6840	290		160	130	66.6	55.1	50-	17.2-
	REGISTRATION FEE/TUITI 6845	300		150-	450	66.6	50.0	74-	24.6-
	SERVICES NOT SPECIFIED 6999								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA	600		10	590	66.6	1.6	584-	97.3-
-----		-----	-----	-----	-----	-----	-----	-----	-----
1977	OTHER SERVICES & CHAR	61351	313	17322	43716	66.6	28.2	35,367-	57.6-
-----		-----	-----	-----	-----	-----	-----	-----	-----
	LAND								
	LAND 7000	1000		875	125	66.6	87.5	312	31.2
	SITE IMPROVEMENT 7045	70000			70000	66.6		70,000-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----	-----
	LAND	71000		875	70125	66.6	1.2	69,687-	98.1-
	BUILDING/BLD IMPROVEMEN								
	BUILDINGS 7100								
	BUILDING IMPROVEMENTS 7150								

	HIGHLAND	7150 13							
	BUILDING IMPROVEMEN								
	BUILDING/BLD IMPROVE								
	IMPROVEMENT OTHER THAN								
	FENCES/RAILINGS	7212							
	DRAINS	7215							
	STREETS & ROADWAYS	7230							
	LANDSCAPING	7250							
	C & N TREE GRANT	7250 02							
	LANDSCAPING								
	OTHER IMPROVEMENTS	7295							
	IMPROVEMENT OTHER TH								
	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	66.6	60,000-	100.0-
	VEHICLES		60000			60000	66.6	60,000-	100.0-
	CAPITAL OUTLAY		131000		875	130125	66.6 .6	129,687-	98.9-
55449	EXPENDITURES		1034182	346	490836	543000	66.6 47.4	297,928-	28.8-

001560 - GENERAL FUND-PARKING OPER.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	PERCENT ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES									
12436	REGULAR WAGES 4000	168420		107519	60901	66.6	63.8	7,141-	4.2-
	DISASTER RECOVERY WAGE 4010								
379	OVERTIME 4300	2000		1850	150	66.6	92.5	775	38.7
	DISASTER RECOVERY OVER 4310								
12815	SALARIES	170420		109369	61051	66.6	64.1	6,366-	3.7-
EMPLOYEE BENEFITS									
1659	STATE RETIREMENT 4600	26841		13308	13533	66.6	49.5	6,879-	25.6-
925	F.I.C.A. TAXES 4700	13037		7926	5111	66.6	60.7	1,147-	8.7-
1500	HOSPITALIZATION INS. 4800	19800		13500	6300	66.6	68.1	450	2.2
	UNEMPLOYMENT BENEFITS 4900	500			500	66.6		500-	100.0-
	WORKMAN'S COMPENSATION 4910	4082			4082	66.6		4,082-	100.0-
4084	EMPLOYEE BENEFITS	64260		34734	29526	66.6	54.0	12,158-	18.9-
16899	PERSONAL SERVICES	234680		144103	90577	66.6	61.4	18,525-	7.8-
OFFICE SUPPLIES									
	PAPER 5003								
	PRINTED FORMS 5005								
	OTHER EXPENDABLE OFF.S 5010	600		20	580	66.6	3.3	570-	95.0-
	MINOR OFFICE EQUIP/FUR 5020	600		375	225	66.6	62.5	37-	6.1-
	COMPUTER SUPPLIES 5080								
	OFFICE SUPPLIES	1200		396	804	66.6	33.0	606-	50.5-
OPERATING SUPPLIES									
83-	CLEANING/JANITORIAL SP 5100	300		109	191	66.6	36.3	136-	45.3-
	CHEMICALS 5130	50			50	66.6		50-	100.0-
41	GAS AND OIL 5250	1200		1120	80	66.6	93.3	480	40.0
	WEARING APPAREL 5355	770		270	500	66.6	35.0	364-	47.2-
	HORT./LANDSCAPING SPLY 5440								
	MINOR EQUIPMENT 5460	2020		1654	366	66.6	81.8	461	22.8
	OTHER OPERATING MATL/S 5590	750	150	111	489	66.6	14.8	583-	77.7-
42-	OPERATING SUPPLIES	5090	150	3264	1676	66.6	64.1	194-	3.8-
REPAIR & MAINTENANCE SP									
	ELECTRICAL SUPPLIES 5605	1500	68	234	1198	66.6	15.6	1,148-	76.5-
	PAINT AND PAINTING SPL 5650	1020			1020	66.6		1,020-	100.0-
	MTR VEHICLE REP. PTS/S 5700	280			280	66.6		280-	100.0-
	REPAIR & MAINTENANCE	2800	68	234	2498	66.6	8.3	2,448-	87.4-
42-	SUPPLIES AND EXPENSES	9090	218	3894	4978	66.6	42.8	3,248-	35.7-

COMMUNICATIONS									
TELEPHONE AND TELEGRAP 6060									
POSTAGE 6070									
COMMUNICATIONS									
INSURANCE									
PUBLIC LIAB/PROPERTY D 6255									
AUTOMOBILE INSURANCE 6265									
INSURANCE									
UTILITIES									
1050	ELECTRICITY	6305	16000		9036	6964	66.6	56.4	2,446- 15.2-
1050	UTILITIES		16000		9036	6964	66.6	56.4	2,446- 15.2-
REPR/MAINT-OUTSIDE LABO									
	BUILDING R&M	6350	10000	75	899	9026	66.6	8.9	8,651- 86.5-
	ELECTRICAL R&M	6355	100			100	66.6		100- 100.0-
	PLUMBING EQUIPMENT R&M	6357	500		97	403	66.6	19.4	354- 70.8-
	OFFICE EQUIPMENT R&M	6365							
	FIXED EQUIPMENT R&M	6380	10000	1,723	195	8082	66.6	1.9	9,707- 97.0-
	MOTOR VEHICLE EQ. R&M	6384	2000		424	1576	66.6	21.2	1,364- 68.2-
	SIGN PAINTING	6396	500			500	66.6		500- 100.0-
	TOW IN CHARGES	6398	150			150	66.6		150- 100.0-
468	OTHER REPAIRS AND MAIN	6399	6000		3700	2300	66.6	61.6	450- 7.5-
468	REPR/MAINT-OUTSIDE L		29250	1,798	5315	22137	66.6	18.1	21,277- 72.7-
RENTALS									
2019	PARKING GARAGE/LOT REN	6402	25000		15919	9081	66.6	63.6	1,121- 4.4-
	OTHER RENT	6449	100			100	66.6		100- 100.0-
2019	RENTALS		25100		15919	9181	66.6	63.4	1,221- 4.8-
3537	OTHER SERVICES & CHAR		70350	1,798	30270	38282	66.6	43.0	24,944- 35.4-
LAND									
LAND 7000									
LEASEHOLDS 7020									
LAND									
IMPROVEMENT OTHER THAN									
	FENCES/RAILINGS	7212							
	PARKING LOT/DRIVEWAY	7227							
	PARKING LOTS-GENERAL	7227 01							
	PINE ST GARAGE	7227 02							
PARKING LOT/DRIVEWA									
IMPROVEMENT OTHER TH									
MACHINERY AND EQUIPMENT									
	OFFICE FURN/EQUIP.	7325							

	MACHINERY AND EQUIPM								
	VEHICLES								
-----	AUTOMOBILES	7400	-----	-----	-----	-----	-----	-----	-----
	VEHICLES		-----	-----	-----	-----	-----	-----	-----
-----	CAPITAL OUTLAY		-----	-----	-----	-----	-----	-----	-----
20394	EXPENDITURES	314120	2,016	178266	133838	66.6	56.7	46,720-	14.8-

002300 - PKS/REC-RECREATION MAINT. DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES									
57832	REGULAR WAGES 4000	832522		470116	362406	66.6	56.4	127,348-	15.2-
	DISASTER RECOVERY WAGE 4010			8953	8953-			13,429	
2443	OVERTIME 4300	40000		22988	17012	66.6	57.4	5,518-	13.7-
	DISASTER RECOVERY OVER 4310			1870	1870-			2,805	
60275	SALARIES	872522		503926	368596	66.6	57.7	116,632-	13.3-
EMPLOYEE BENEFITS									
9493	STATE RETIREMENT 4600	137422		79255	58167	66.6	57.6	18,539-	13.4-
4542	F.I.C.A. TAXES 4700	65868		37976	27892	66.6	57.6	8,904-	13.5-
14000	HOSPITALIZATION INS. 4800	224353		139677	84676	66.6	62.2	14,837-	6.6-
	UNEMPLOYMENT BENEFITS 4900	5720		5720		66.6	100.0	2,860	50.0
	WORKMAN'S COMPENSATION 4910	28113			28113	66.6		28,113-	100.0-
28035	EMPLOYEE BENEFITS	461476		262628	198848	66.6	56.9	67,534-	14.6-
88311	PERSONAL SERVICES	1333998		766554	567444	66.6	57.4	184,166-	13.8-
OFFICE SUPPLIES									
	PAPER 5003								
	PRINTED FORMS 5005								
	OTHER EXPENDABLE OFF.S 5010	2300	69	1736	495	66.6	75.4	304	13.2
320	MINOR OFFICE EQUIP/FUR 5020	14364		14323	41	66.6	99.7	7,120	49.5
	PHOTO SUPPLIES 5040								
	BOOKS 5070								
	COMPUTER SUPPLIES 5080								
320	OFFICE SUPPLIES	16664	69	16060	535	66.6	96.3	7,426	44.5
OPERATING SUPPLIES									
2182	CLEANING/JANITORIAL SP 5100	16000		10264	5736	66.6	64.1	604-	3.7-
	MEDICAL SUPPLIES 5120	400		398	2	66.6	99.5	197	49.2
4081	CHEMICALS 5130	32000		23687	8313	66.6	74.0	3,530	11.0
5460	GAS AND OIL 5250	65000		36446	28555	66.6	56.0	10,330-	15.8-
277	LUBRICANTS 5255	3000	108	1911	981	66.6	63.7	133-	4.4-
	DIESEL FUEL 5257	2500		485	2015	66.6	19.4	1,772-	70.8-
	WEARING APPAREL 5355	3000		200	2800	66.6	6.6	2,700-	90.0-
	ASPHALT & ASPHALT PROD 5400								
	CONCRETE, CEMENT, ETC. 5405	1000		820	180	66.6	82.0	230	23.0
340	SAND,CLAY,GRVL,FILL DI 5415	16500	2,914	11096	2490	66.6	67.2	144	.8
5371	HORT./LANDSCAPING SPLY 5440	43000	706	41206	1088	66.6	95.8	18,809	43.7
923	HAND TOOLS 5450	3500	37	3192	271	66.6	91.2	1,288	36.8
429	MINOR EQUIPMENT 5460	12600	280	9816	2505	66.6	77.9	2,124	16.8
2653	RECREATIONAL SUPPLIES 5510	28000	35	21125	6840	66.6	75.4	3,687	13.1
232	OTHER OPERATING MATL/S 5590	6000		5994	6	66.6	99.9	2,991	49.8

1977	OTHER OPER.MATLS-KAB	5591	6000		4066	1934	66.6	67.7	99	1.6
23923	OPERATING SUPPLIES		238500	4,080	170706	63714	66.6	71.5	17,559	7.3
	REPAIR & MAINTENANCE SP									
88	BUILDING MATERIALS & S	5600	17850	1,681	6940	9229	66.6	38.8	7,440-	41.6-
1688	ELECTRICAL SUPPLIES	5605	22000	4,872	15722	1406	66.6	71.4	1,583	7.1
452	PLUMBING SUPPLIES	5610	11500	1,218	3623	6659	66.6	31.5	6,065-	52.7-
	STRUCTURAL STEEL & IRO	5620	500			500	66.6		500-	100.0-
43	PAINT AND PAINTING SPL	5650	16000	3,089	11848	1064	66.6	74.0	1,772	11.0
855	MTR VEHICLE REP. PTS/S	5700	18000	579	10192	7229	66.6	56.6	2,712-	15.0-
212	COMMUNICATION REPAIR P	5750	1700		699	1001	66.6	41.1	651-	38.2-
3807	AGRICLTRL REPAIR PTS/S	5755	35000	346	20900	13754	66.6	59.7	3,650-	10.4-
53	OTHER REPAIR/MAINT. SP	5990	1500		703	797	66.6	46.8	445-	29.6-
	VANDALISM REPAIR PARTS	5992								
	REPR SPLY-8/29/05 STOR	5995	10000	2,417	4512	3071	66.6	45.1	3,232-	32.3-
7197	REPAIR & MAINTENANCE		134050	14,202	75139	44709	66.6	56.0	21,341-	15.9-
31440	SUPPLIES AND EXPENSES		389214	18,351	261905	108959	66.6	67.2	3,643	.9
	PROFESSIONAL SERVICES									
	CONSULTANT SERV/SURVEY	6020	11704	2,703	7184	1817	66.6	61.3	928-	7.9-
	OTHER PROFESSIONAL SER	6049	28947		28009	938	66.6	96.7	13,066	45.1
	PROFESSIONAL SERVICE		40651	2,703	35193	2754	66.6	86.5	12,138	29.8
	COMMUNICATIONS									
381	TELEPHONE AND TELEGRAP	6060	2300		1178	1122	66.6	51.2	532-	23.1-
	POSTAGE	6070	100			100	66.6		100-	100.0-
381	COMMUNICATIONS		2400		1178	1222	66.6	49.0	632-	26.3-
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	450			450	66.6		450-	100.0-
1104	FREIGHT	6120	5278	430	4116	732	66.6	77.9	896	16.9
1104	TRANSPORTATION		5728	430	4116	1182	66.6	71.8	446	7.7
	ADVERTISING									
	ADVERTISING	6150	3500	3,500			66.6		3,500-	100.0-
	ADVERTISING		3500	3,500			66.6		3,500-	100.0-
	PRINTING AND BINDING									
	PRINTING	6200	300			300	66.6		300-	100.0-
	PRINTING AND BINDING		300			300	66.6		300-	100.0-
	INSURANCE									
	PUBLIC LIAB/PROPERTY D	6255								
	AUTOMOBILE INSURANCE	6265								
	OTHER INSURANCE	6299								
	INSURANCE									
	UTILITIES									
	GAS	6300								
1821	ELECTRICITY	6305	10000		10289	289-	66.6	102.8	5,433	54.3

1821	UTILITIES	10000		10289	289-	66.6	102.8	5,433	54.3
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350	32685	250	32401	34	66.6	99.1	15,916	48.6
	DISASTER REPAIRS 6351	100000	51,433	3381	45186	66.6	3.3	94,928-	94.9-
	8/29 WALKING TRL PW44 6351 01								
	8/29 DOLEAC VARI PWs 6351 02								
	8/29 ZOO FENCE PW3962 6351 03								
	8/29 TATUM PW1565 6351 04								
	8/29 DAHMER PW1554 6351 05								
	8/29 AFRICA EXH PW387 6351 06								
	8/29 DAHMER EQ PW4497 6351 07								
	8/29 DUNCAN LK PW1609 6351 08								
	8/29 JAYCEE PK PW1562 6351 09								
	8/29 ZOO TRACK PW5143 6351 10								
	BUILDING R&M	132685	51,933	35782	45220	66.6	26.9	79,011-	59.5-
	8/29/05 STORM REPAIRS 6353								
1520	ELECTRICAL R&M 6355	11000	2,260	8561	179	66.6	77.8	1,841	16.7
	PLUMBING EQUIPMENT R&M 6357	5175	1,200	2248	1727	66.6	43.4	1,803-	34.8-
	STREETS & STRUCTURES R 6360	49250		49250		66.6	100.0	24,625	50.0
	OFFICE EQUIPMENT R&M 6365								
450	FIXED EQUIPMENT R&M 6380	25000	5,982	7740	11278	66.6	30.9	13,390-	53.5-
	MINOR EQUIPMENT R&M 6382								
298	MOTOR VEHICLE EQ. R&M 6384	9000	20	4146	4834	66.6	46.0	2,780-	30.8-
1217	AGRICULTURAL EQ. R&M 6387	20500	8	8997	11495	66.6	43.8	7,004-	34.1-
165	COMMUNICATION EQ. R&M 6390	1000		465	535	66.6	46.5	302-	30.2-
	DISINFECT./EXTERMINATI 6394	1800		144	1656	66.6	8.0	1,584-	88.0-
	SIGN PAINTING 6396	10000	1,919	5369	2712	66.6	53.6	1,946-	19.4-
	TOW IN CHARGES 6398	750	75	310	365	66.6	41.3	284-	37.8-
1200	OTHER REPAIRS AND MAIN 6399	3000	30	2958	12	66.6	98.6	1,437	47.9
4850	REPR/MAINT-OUTSIDE L	269160	63,177	125970	80013	66.6	46.8	80,204-	29.7-
	RENTALS								
	MACHINERY RENT 6420	5350	2,764	2127	459	66.6	39.7	2,159-	40.3-
	CYLINDER RENT 6425								
550	UNIFORM RENT 6430	6000		3872	2128	66.6	64.5	192-	3.2-
190	OTHER RENT 6449	11200	2,700	7680	821	66.6	68.5	320	2.8
740	RENTALS	22550	5,464	13678	3409	66.6	60.6	2,032-	9.0-
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS 6840	650		250	400	66.6	38.4	274-	42.1-
	REGISTRATION FEE/TUITI 6845	1800			1800	66.6		1,800-	100.0-
	CUSTODIAL SERVICE 6870	3000		2050	950	66.6	68.3	75	2.5
13630	SERVICES NOT SPECIFIED 6999	253123	34,483	140681	77959	66.6	55.5	42,101-	16.6-
13630	OTHER SERVICES & CHA	258573	34,483	142981	81109	66.6	55.2	44,101-	17.0-
22526	OTHER SERVICES & CHAR	612862	109,757	333407	169698	66.6	54.4	112,751-	18.3-
	LAND 7000								
	BUILDING/BLD IMPROVEMEN								

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	66.6	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	32,100	92900	66.6	125,000-	100.0-

POOLS		190000	32,100	157900	66.6	190,000-	100.0-
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	66.6	98.0	54,919	47.0
	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	66.6	98.0	54,919	47.0
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	IMPROVEMENT OTHER TH		306750	34,404	114446	157900	66.6	37.3	135,080-
	MACHINERY AND EQUIPMENT								44.0-
	8/29/05 STORM EQUIP	7302							
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
	AGRICULTURAL EQUIPMENT	7335	58500		940	57560	66.6	1.6	57,090-
	RECREATIONAL EQUIPMENT	7350							97.5-
	COMMUNICATION EQUIPMEN	7355							
	OTHER EQUIPMENT	7399							
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	MACHINERY AND EQUIPM		58500		940	57560	66.6	1.6	57,090-
	VEHICLES								97.5-
	BUSES	7410							
	PICK UP TRUCKS	7420							
	SPECIAL TRUCKS	7450							
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	VEHICLES								
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	CAPITAL OUTLAY		365250	34,404	115386	215460	66.6	31.5	192,170-
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142277	EXPENDITURES		2701324	162,512	1477253	1061561	66.6	54.6	485,444-

002315 - PKS/REC-REC.ADMIN/COM.REL.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
<u>SALARIES</u>							
19937	REGULAR WAGES 4000	344113		168023	176090	66.6 48.8	92,078- 26.7-
	DISASTER RECOVERY WAGE 4010			865	865-		1,297
	OVERTIME 4300			529	529-		793
	DISASTER RECOVERY OVER 4310			1041	1041-		1,561
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19937	SALARIES	344113		170459	173654	66.6 49.5	88,424- 25.6-
<u>EMPLOYEE BENEFITS</u>							
3140	STATE RETIREMENT 4600	54355		26847	27508	66.6 49.3	14,084- 25.9-
1438	F.I.C.A. TAXES 4700	26401		12348	14053	66.6 46.7	7,879- 29.8-
3500	HOSPITALIZATION INS. 4800	46200		31500	14700	66.6 68.1	1,050 2.2
	UNEMPLOYMENT BENEFITS 4900	500		500	500	66.6	500- 100.0-
	WORKMAN'S COMPENSATION 4910	15365		15365	15365	66.6	15,365- 100.0-
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8078	EMPLOYEE BENEFITS	142821		70695	72126	66.6 49.4	36,778- 25.7-
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28016	PERSONAL SERVICES	486934		241154	245780	66.6 49.5	125,202- 25.7-
<u>OFFICE SUPPLIES</u>							
	PAPER 5003	1350		520	830	66.6 38.5	570- 42.2-
	PRINTED FORMS 5005						
	OTHER EXPENDABLE OFF.S 5010	2000		1040	960	66.6 52.0	440- 22.0-
	MINOR OFFICE EQUIP/FUR 5020						
	SUBSCRIPTIONS,MAGS,MAP 5050						
	BOOKS 5070						
5100	COMPUTER SUPPLIES 5080	8100	1,740	5100	1260	66.6 62.9	450- 5.5-
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5100	OFFICE SUPPLIES	11450	1,740	6659	3051	66.6 58.1	1,461- 12.7-
<u>OPERATING SUPPLIES</u>							
	CLEANING/JANITORIAL SP 5100						
	HOUSEHOLD SUPPLIES 5110						
	FOOD 5115						
	MEDICAL SUPPLIES 5120	200	119		81	66.6	200- 100.0-
3485	CHEMICALS 5130	8500		3485	5015	66.6 41.0	3,272- 38.4-
	SERVE-SAFE SUPPLIES 5155	200			200	66.6	200- 100.0-
116	GAS AND OIL 5250	9300		1443	7857	66.6 15.5	7,135- 76.7-
	LUBRICANTS 5255						
	OTHER FUEL 5260						
	WEARING APPAREL 5355	850			850	66.6	850- 100.0-
	CONCRETE, CEMENT, ETC. 5405						
	SAND,CLAY,GRVL,FILL DI 5415						
	HORT./LANDSCAPING SPLY 5440						
	MINOR EQUIPMENT 5460	5000			5000	66.6	5,000- 100.0-
9552	RECREATIONAL SUPPLIES 5510	60087	5,382	30385	24320	66.6 50.5	14,509- 24.1-

	MDSE FOR RESALE	5520							
	CERAMIC SUP.FOR RESALE	5521	1000		1000	66.6		1,000-	100.0-
	OTHER OPERATING MATL/S	5590							
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13153	OPERATING SUPPLIES		85137	5,501	35314	44323	66.6 41.4	32,165-	37.7-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S	5600							
	ELECTRICAL SUPPLIES	5605							
	PLUMBING SUPPLIES	5610							
	STRUCTURAL STEEL & IRO	5620							
	PAINT AND PAINTING SPL	5650	200			200	66.6	200-	100.0-
	MTR VEHICLE REP. PTS/S	5700	1200		13	1187	66.6 1.0	1,180-	98.3-
	RECREATIONAL EQ. REP P	5765							
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	REPAIR & MAINTENANCE		1400		13	1387	66.6 .9	1,380-	98.5-
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18253	SUPPLIES AND EXPENSES		97987	7,241	41986	48760	66.6 42.8	35,007-	35.7-
	PROFESSIONAL SERVICES								
	ARCHITECTURAL	6012							
	CONSULTANT SERV/SURVEY	6020							
	CONTRACTUAL PROGRAMS	6032							
7940	OFFICIALS	6034	89644		26461	63183	66.6 29.5	49,952-	55.7-
9884	OTHER PROFESSIONAL SER	6049	157708	8,300	105418	43990	66.6 66.8	419	.2
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17824	PROFESSIONAL SERVICE		247352	8,300	131879	107173	66.6 53.3	49,533-	20.0-
	COMMUNICATIONS								
241	TELEPHONE AND TELEGRAP	6060	1760		746	1014	66.6 42.3	640-	36.3-
	POSTAGE	6070							
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241	COMMUNICATIONS		1760		746	1014	66.6 42.3	640-	36.3-
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	650			650	66.6	650-	100.0-
	CONTRACT TRAVEL	6115							
125	FREIGHT	6120	500	15	125	360	66.6 25.0	312-	62.4-
	MESSENGER/EXPRESS SERV	6130							
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125	TRANSPORTATION		1150	15	125	1010	66.6 10.8	962-	83.6-
	ADVERTISING								
	ADVERTISING	6150							
1500	ADVERTISING-SPEC. EVEN	6152	2940		1500	1440	66.6 51.0	690-	23.4-
293	ADVERTISING-SENIOR FAR	6154	1200		739	461	66.6 61.5	91-	7.5-
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1793	ADVERTISING		4140		2239	1901	66.6 54.0	781-	18.8-
	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	1733	2267	66.6	43.3	1,400-	35.0-
14195	ELECTRICITY	6305	185000	108386	76614	66.6	58.5	22,420-	12.1-
14221	UTILITIES		189000	110119	78881	66.6	58.2	23,821-	12.6-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M	6350	1000		1000	66.6		1,000-	100.0-
	ELECTRICAL R&M	6355							
	PLUMBING EQUIPMENT R&M	6357							
	OFFICE EQUIPMENT R&M	6365	1400		1400	66.6		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	66.6		2,000-	100.0-
	RECREATIONAL EQ. R&M	6388							
	COMMUNICATION EQ. R&M	6390							
144	DISINFECT./EXTERMINATI	6394	2000	1504	496	66.6	75.2	256	12.8
	SIGN PAINTING	6396	400		400	66.6		400-	100.0-
	TOW IN CHARGES	6398							
	OTHER REPAIRS AND MAIN	6399							
144	REPR/MAINT-OUTSIDE L		6800	1504	5296	66.6	22.1	4,544-	66.8-
	RENTALS								
	LAND RENT	6400							
	MACHINERY RENT	6420							
	CYLINDER RENT	6425							
	MOP-MAT-RAG-RENT	6435							
800	OTHER RENT	6449	1100	1000	100	66.6	90.9	400	36.3
800	RENTALS		1100	1000	100	66.6	90.9	400	36.3
	OTHER SERVICES & CHARGE								
319	PROP.TAX COLL. FEES .0	6830	7000	2525	4475	66.6	36.0	3,212-	45.8-
44	PROP.TAX COLL. FEES.00	6831	8000	4977	3023	66.6	62.2	534-	6.6-
	BANK SERV/TRF FEE	6832							
	DUES AND MEMBERSHIPS	6840	1000	860	140	66.6	86.0	290	29.0
180	REGISTRATION FEE/TUITI	6845	900	180	720	66.6	20.0	630-	70.0-
	CONTRACT COACHES	6852							
	DAY CAMP COUNSELORS	6855							
	CUSTODIAL SERVICE	6870							
	SERVICES NOT SPECIFIED	6999	200		200	66.6		200-	100.0-
543	OTHER SERVICES & CHA		17100	8543	8557	66.6	49.9	4,285-	25.0-
35691	OTHER SERVICES & CHAR		468402	8,315	256155	66.6	54.6	84,169-	17.9-
	IMPROVEMENT OTHER THAN								
	PARKING LOT/DRIVEWAY	7227	46998	46,998	1	66.6		46,998-	100.0-
	OTHER IMPROVEMENTS	7295							

	IMPROVEMENT OTHER TH	46998	46,998		1	66.6		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								
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	VEHICLES								
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	CAPITAL OUTLAY	46998	46,998		1	66.6		46,998-	100.0-
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81960	EXPENDITURES	1100321	62,554	539295	498473	66.6	49.0	291,378-	26.4-

002341 - PKS/REC-KAMPER PARK ZOO DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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							
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							
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

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OTHER SERVICES & CHARGE							
311	PROP.TAX COLL. FEES .0 6830			2463	2463-		3,694	
43	PROP.TAX COLL. FEES.00 6831			4854	4854-		7,281	
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354	OTHER SERVICES & CHA			7317	7317-		10,975	
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354	OTHER SERVICES & CHAR			7317	7317-		10,975	
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354	EXPENDITURES			7317	7317-		10,975	

005160 - H.M.F.P.FUND-FIRE DIVISION

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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	66.6	3,000-	100.0-
	PUBLIC EDUCATION MAT'L 5032							
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	OFFICE SUPPLIES	3000			3000	66.6	3,000-	100.0-
	OPERATING SUPPLIES							
	GAS AND OIL 5250							
	WEARING APPAREL 5355	59873		47256	12617	66.6 78.9	11,011	18.3
	MINOR EQUIPMENT 5460	400			400	66.6	400-	100.0-
	MINOR FIRE FIGHTING EQ 5462							
	HAZ.MAT SUPPLIES 5466							
	FIRE HOSE 5470	2088			2088	66.6	2,088-	100.0-
	SFTY/FIRE P/MATL CONTR 5535							
	OTHER OPER.MATLS-USM 5590	1500			1500	66.6	1,500-	100.0-
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	OPERATING SUPPLIES	63861		47256	16605	66.6 73.9	7,023	10.9
	REPAIR & MAINTENANCE SP							
	MTR VEHICLE REP. PTS/S 5700							
	COMMUNICATION REPAIR P 5750	525			525	66.6	525-	100.0-
	MINOR COMPUTER EQUIP. 5800	2000			2000	66.6	2,000-	100.0-
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	REPAIR & MAINTENANCE	2525			2525	66.6	2,525-	100.0-
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	SUPPLIES AND EXPENSES	69386		47256	22130	66.6 68.1	1,498	2.1
	OTHER PROFESSIONAL SER 6049	5175			5175	66.6	5,175-	100.0-
	TRANSPORTATION							
	TRAVEL EXPENSE 6110							
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	TRANSPORTATION							
	REPR/MAINT-OUTSIDE LABO							
	BUILDING R&M (USM) 6350	2500			2500	66.6	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	66.6	2,500-	100.0-
	OTHER SERVICES & CHARGE							
	BANK SERV/TRF FEE 6832							
235	REGISTRATION FEE/TUITI 6845	19295		9588	9707	66.6 49.6	4,913-	25.4-
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235	OTHER SERVICES & CHA	19295		9588	9707	66.6 49.6	4,913-	25.4-
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235	OTHER SERVICES & CHAR	26970		9588	17382	66.6 35.5	12,588-	46.6-

LAND									
LAND	7000								
LAND									
BUILDING/BLD IMPROVEMEN									
BUILDINGS	7100								
FIRE DRILL TOWER	7100 02	6000		6000	66.6		6,000-	100.0-	
FIRE STATIONS	7100 20	4500		4400	66.6	97.7	2,100	46.6	
BUILDINGS		10500		4400	66.6	41.9	3,900-	37.1-	
BUILDING IMPROVEMENTS	7150			6100					
FIRE STA IMPR-USM MON	7150 30								
BUILDING IMPROVEMEN									
BUILDING/BLD IMPROVE		10500		4400	66.6	41.9	3,900-	37.1-	
IMPROVEMENT OTHER THAN									
PARKING LOT/DRIVEWAY	7227								
LANDSCAPING	7250								
OTHER IMPROVEMENTS	7295	9500		9500	66.6		9,500-	100.0-	
OTHER IMPROVEMENTS-USM	7297								
IMPROVEMENT OTHER TH		9500		9500	66.6		9,500-	100.0-	
MACHINERY AND EQUIPMENT									
FIRE FIGHTING	7315	9270		9070	66.6	97.8	4,335	46.7	
HOUSEHOLD FURN/EQUIP.	7320			200					
OFFICE FURN/EQUIP.	7325								
DATA PROCESSING EQUIP.	7327								
AGRICULTURAL EQUIPMENT	7335								
COMMUNICATION EQUIPMEN	7355	45265		8047	66.6	17.7	33,194-	73.3-	
COMMUNICATION EQ-USM	7356	49000		19886	66.6	40.5	19,170-	39.1-	
HYDRANTS & METERS (USM)	7365								
OTHER EQUIP-USM MONIES	7398								
OTHER EQUIPMENT	7399								
MACHINERY AND EQUIPM		103535		37003	66.6	35.7	48,030-	46.3-	
VEHICLES									
AUTOMOBILES	7400								
MOTORCYCLES	7405								
BUSES	7410								
PICK UP TRUCKS	7420	60000		35465	66.6	59.1	6,802-	11.3-	
HEAVY TRUCKS	7430								
FIRE TRUCKS	7435								
VEHICLES		60000		35465	66.6	59.1	6,802-	11.3-	
CAPITAL OUTLAY		183535		76868	66.6	41.8	68,233-	37.1-	
EXPENDITURES		279891		133711	66.6	47.7	79,324-	28.3-	

005460 - H.M.F.P.FUND-CAPITAL LEASES

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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							
15636	FIRE TRUCKS LEASE-'16 8529	187320		124585	62735	66.6 66.5	442-	.2-
	FIRE PROT.EQUIP.LEASE 8530							
13858	FIRE TRUCKS LEASE-'11 8532	165737		109986	55751	66.6 66.3	757-	.4-
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29495	CAPITAL LEASE PAYMEN	353057		234571	118486	66.6 66.4	1,200-	.3-
	INTEREST ON CAPITAL LEA							
	MDB-BLDG-FIRE STA #8 8615							
	FIRE TRUCKS LEASE-A'04 8627							
	FIRE TRUCKS LEASE-B'04 8628							
741	FIRE TRUCKS LEASE-'16 8629	9218		6434	2784	66.6 69.7	433	4.6
	FIRE PROT.EQUIP.LEASE 8630							
482	FIRE TRUCKS LEASE-'11 8632	6351		4738	1613	66.6 74.6	756	11.9
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1223	INTEREST ON CAPITAL	15569		11173	4396	66.6 71.7	1,190	7.6
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30718	DEBT SERVICE	368626		245744	122882	66.6 66.6	10-	
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30718	EXPENDITURES	368626		245744	122882	66.6 66.6	10-	

008201 - SPEC.ST.IMPR-STREET DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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							
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OPERATING SUPPLIES								
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600							
	PLUMBING SUPPLIES 5610							
	STRUCTURAL STEEL & IRO 5620							
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REPAIR & MAINTENANCE								
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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	66.6 42.8	106,285-	35.7-
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	REPR/MAINT-OUTSIDE L	297168	14,053	127255	155860	66.6 42.8	106,285-	35.7-
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	OTHER SERVICES & CHAR	297168	14,053	127255	155860	66.6 42.8	106,285-	35.7-
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	66.6 42.8	106,285-	35.7-

009660 - W&S O&M-CUSTOMER ACCT. DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	PERCENT ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES									
22539	REGULAR WAGES 4000	296482		188060	108422	66.6	63.4	14,392-	4.8-
	DISASTER RECOVERY WAGE 4010			839	839-			1,258	
505	OVERTIME 4300	4500		2844	1656	66.6	63.2	234-	5.2-
	DISASTER RECOVERY OVER 4310			147	147-			220	
23044	SALARIES	300982		191890	109092	66.6	63.7	13,146-	4.3-
EMPLOYEE BENEFITS									
3629	STATE RETIREMENT 4600	47405		30223	17182	66.6	63.7	2,070-	4.3-
1716	F.I.C.A. TAXES 4700	23025		14306	8719	66.6	62.1	1,565-	6.7-
6500	HOSPITALIZATION INS. 4800	85800		57550	28250	66.6	67.0	525	.6
	UNEMPLOYMENT BENEFITS 4900	500		500	500	66.6		500-	100.0-
	WORKMAN'S COMPENSATION 4910	4411		4411	4411	66.6		4,411-	100.0-
11845	EMPLOYEE BENEFITS	161141		102079	59063	66.6	63.3	8,022-	4.9-
34889	PERSONAL SERVICES	462123		293969	168154	66.6	63.6	21,169-	4.5-
OFFICE SUPPLIES									
948	PAPER 5003	3000		1881	1119	66.6	62.7	178-	5.9-
	PRINTED FORMS 5005								
81	OTHER EXPENDABLE OFF.S 5010	3280	150	2265	865	66.6	69.0	117	3.5
314	MINOR OFFICE EQUIP/FUR 5020	2100		1480	620	66.6	70.4	120	5.7
	BOOKS 5070								
1343	OFFICE SUPPLIES	8380	150	5626	2604	66.6	67.1	59	.7
OPERATING SUPPLIES									
116-	CLEANING/JANITORIAL SP 5100	1000		385	615	66.6	38.5	422-	42.2-
	MEDICAL SUPPLIES 5120								
801	GAS AND OIL 5250	12000		6313	5687	66.6	52.6	2,530-	21.0-
	LUBRICANTS 5255								
	CONCRETE, CEMENT, ETC. 5405								
	HAND TOOLS 5450	3000		1667	1333	66.6	55.5	499-	16.6-
	MINOR EQUIPMENT 5460	2100		2100		66.6	100.0	1,050	50.0
	METER LOCKS 5467	5000		4877	123	66.6	97.5	2,315	46.3
	OTHER OPERATING MATL/S 5590	500			500	66.6		500-	100.0-
684	OPERATING SUPPLIES	23600		15342	8258	66.6	65.0	586-	2.4-
REPAIR & MAINTENANCE SP									
	ELECTRICAL SUPPLIES 5605	1000		72-	1072	66.6	7.2	892-	89.2-
	MTR VEHICLE REP. PTS/S 5700	3116		2732	384	66.6	87.6	982	31.5
	COMMUNICATION REPAIR P 5750								
	OTHER REPAIR/MAINT. SP 5990	500		307	193	66.6	61.4	39-	7.8-

	REPAIR & MAINTENANCE	4616		2967	1649	66.6	64.2	165-	3.5-
2027	SUPPLIES AND EXPENSES	36596	150	23935	12511	66.6	65.4	693-	1.8-
	PROFESSIONAL SERVICES								
	AUDITING AND ACCOUNTIN 6010	25000			25000	66.6		25,000-	100.0-
	APPRAISAL 6017								
	LEGAL 6025								
	MEDICAL 6027								
1267	OTHER PROFESSIONAL SER 6049	24000		11117	12883	66.6	46.3	7,324-	30.5-
1267	PROFESSIONAL SERVICE	49000		11117	37883	66.6	22.6	32,324-	65.9-
	COMMUNICATIONS								
1189	TELEPHONE AND TELEGRAP 6060	2600		2316	284	66.6	89.0	874	33.6
15496	POSTAGE 6070	50200		35496	14704	66.6	70.7	3,044	6.0
16685	COMMUNICATIONS	52800		37812	14988	66.6	71.6	3,918	7.4
	TRANSPORTATION								
	FREIGHT 6120	500		74	426	66.6	14.8	388-	77.6-
	TRANSPORTATION	500		74	426	66.6	14.8	388-	77.6-
	ADVERTISING								
	ADVERTISING 6150								
	ADVERTISING								
	PRINTING AND BINDING								
110	PRINTING 6200	4100		3062	1038	66.6	74.6	493	12.0
110	PRINTING AND BINDING	4100		3062	1038	66.6	74.6	493	12.0
	INSURANCE								
	AUTOMOBILE INSURANCE 6265								
	INSURANCE								
	UTILITIES								
13	GAS 6300	1200		435	765	66.6	36.2	547-	45.5-
446	ELECTRICITY 6305	6000		3183	2817	66.6	53.0	1,225-	20.4-
459	UTILITIES	7200		3617	3583	66.6	50.2	1,774-	24.6-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350	4000		30	3970	66.6	.7	3,954-	98.8-
1746	OFFICE EQUIPMENT R&M 6365	5300		4573	727	66.6	86.2	1,559	29.4
	FIXED EQUIPMENT R&M 6380	1075	75		1000	66.6		1,075-	100.0-
	MOTOR VEHICLE EQ. R&M 6384	8600		65	8535	66.6	.7	8,502-	98.8-
720	COMMUNICATION EQ. R&M 6390	800		720	80	66.6	90.0	280	35.0
	DISINFECT./EXTERMINATI 6394	900		375	525	66.6	41.6	337-	37.4-
	OTHER REPAIRS AND MAIN 6399	600			600	66.6		600-	100.0-
2466	REPR/MAINT-OUTSIDE L	21275	75	5763	15437	66.6	27.0	12,630-	59.3-
	RENTALS								
	BUILDING RENT 6405								
257	OFFICE EQUIPMENT RENT 6410								
	UNIFORM RENT 6430	1300		749	551	66.6	57.6	176-	13.5-

	MOP-MAT-RAG RENT	6435							
	OTHER RENT	6449							
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257	RENTALS	1300			749	551	66.6	57.6	176- 13.5-
	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	66.6		1,100- 100.0-
	SERVICES NOT SPECIFIED	6999	4000		4000		66.6	100.0	2,000 50.0
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	OTHER SERVICES & CHA	5100			4000	1100	66.6	78.4	900 17.6
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21245	OTHER SERVICES & CHAR	141275	75		66194	75006	66.6	46.8	41,983- 29.7-
	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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58162	EXPENDITURES	639994	225		384098	255671	66.6	60.0	63,846- 9.9-

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
<u>SALARIES</u>									
38322	REGULAR WAGES 4000	507097		308462	198635	66.6	60.8	44,403-	8.7-
	DISASTER RECOVERY WAGE 4010			3929	3929-			5,893	
1472	OVERTIME 4300	35000		15921	19079	66.6	45.4	11,118-	31.7-
	DISASTER RECOVERY OVER 4310			2673	2673-			4,009	
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39794	SALARIES	542097		330985	211112	66.6	61.0	45,619-	8.4-
<u>EMPLOYEE BENEFITS</u>									
6268	STATE RETIREMENT 4600	85380		52130	33250	66.6	61.0	7,184-	8.4-
2971	F.I.C.A. TAXES 4700	41470		24839	16631	66.6	59.8	4,211-	10.1-
9000	HOSPITALIZATION INS. 4800	125400		81000	44400	66.6	64.5	3,900-	3.1-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	66.6		1,000-	100.0-
	WORKMAN'S COMPENSATION 4910	17308			17308	66.6		17,308-	100.0-
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18239	EMPLOYEE BENEFITS	270558		157969	112589	66.6	58.3	33,604-	12.4-
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58033	PERSONAL SERVICES	812655		488954	323701	66.6	60.1	79,223-	9.7-
<u>OFFICE SUPPLIES</u>									
	PAPER 5003								
	PRINTED FORMS 5005								
	OTHER EXPENDABLE OFF.S 5010								
	MINOR OFFICE EQUIP/FUR 5020								
	SUBSCRIPTIONS,MAGS,MAP 5050								
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<u>OFFICE SUPPLIES</u>									
<u>OPERATING SUPPLIES</u>									
	CLEANING/JANITORIAL SP 5100								
	MEDICAL SUPPLIES 5120								
	CHEMICALS 5130	30000			30000	66.6		30,000-	100.0-
3135	GAS AND OIL 5250	20000		25054	5054-	66.6	125.2	17,581	87.9
	NATURAL GAS FUEL 5252								
	LUBRICANTS 5255								
156	DIESEL FUEL 5257	6000		1455	4545	66.6	24.2	3,817-	63.6-
531	WEARING APPAREL 5355	3000		1459	1541	66.6	48.6	811-	27.0-
	ASPHALT & ASPHALT PROD 5400	10000	9,188		813	66.6		10,000-	100.0-
	CONCRETE, CEMENT, ETC. 5405	5000			5000	66.6		5,000-	100.0-
	BRICK,STONE,MORTAR,ETC 5410	1000			1000	66.6		1,000-	100.0-
	SAND,CLAY,GRVL,FILL DI 5415	10000	4,275	1830	3895	66.6	18.3	7,254-	72.5-
	HORT./LANDSCAPING SPLY 5440								
154	HAND TOOLS 5450	7000		2039	4961	66.6	29.1	3,941-	56.3-
1067	MINOR EQUIPMENT 5460	2000		1307	693	66.6	65.3	39-	1.9-
	HYDRANT PARTS 5480	1000			1000	66.6		1,000-	100.0-
	METER PARTS 5485	776			776	66.6		776-	100.0-

	VALVE PARTS	5490							
	PUMPING EQUIPMENT PART	5495							
	OTHER OPERATING MATL/S	5590	2000		1481	519	66.6	74.0	221 11.0
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5042	OPERATING SUPPLIES		97776	13,463	34625	49688	66.6	35.4	45,838- 46.8-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S	5600							
	ELECTRICAL SUPPLIES	5605							
12893	PLUMBING SUPPLIES	5610	125000	12,891	75850	36259	66.6	60.6	11,224- 8.9-
	STRUCTURAL STEEL & IRO	5620							
959	PAINT AND PAINTING SPL	5650	1000		959	41	66.6	95.9	438 43.8
607	MTR VEHICLE REP. PTS/S	5700	15000	168	4253	10579	66.6	28.3	8,620- 57.4-
	COMMUNICATION REPAIR P	5750							
	EXPENDABLE WELDING SPL	5770							
360	OTHER REPAIR/MAINT. SP	5990	3245		1826	1419	66.6	56.2	505- 15.5-
11028	DISASTER REPAIR SUPPLI	5995	35216		31839	3377	66.6	90.4	12,542 35.6
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25847	REPAIR & MAINTENANCE		179461	13,059	114727	51675	66.6	63.9	7,370- 4.1-
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30889	SUPPLIES AND EXPENSES		277237	26,522	149352	101364	66.6	53.8	53,209- 19.1-

	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							

6062	DISASTER REPAIRS	6351	22502	25966	3464-	66.6	115.3	16,447	73.0	
	ELECTRICAL R&M	6355								
	PLUMBING EQUIPMENT R&M	6357								
84999	STREETS & STRUCTURES R	6360	1010494	807120	203374	66.6	79.8	200,186	19.8	
	FIXED EQUIPMENT R&M	6380								
	MINOR EQUIPMENT R&M	6382								
585	MOTOR VEHICLE EQ. R&M	6384	10500	200	1283	9017	66.6	12.2	8,575-	81.6-
167	CONSTRUCTION EQUIP R&M	6386	5000		4319	681	66.6	86.3	1,478	29.5
	COMMUNICATION EQ. R&M	6390								
	TOW IN CHARGES	6398	1000	135	200	665	66.6	20.0	700-	70.0-
	OTHER REPAIRS AND MAIN	6399								
91812	REPR/MAINT-OUTSIDE L		1049496	335	838888	210273	66.6	79.9	208,836	19.8
	RENTALS									
	MACHINERY RENT	6420	1500			1500	66.6		1,500-	100.0-
	CYLINDER RENT	6425								
633	UNIFORM RENT	6430	4500		2214	2286	66.6	49.2	1,178-	26.1-
	OTHER RENT	6449	4000			4000	66.6		4,000-	100.0-
633	RENTALS		10000		2214	7786	66.6	22.1	6,678-	66.7-
	OTHER SERVICES & CHARGE									
	SETTLEMT OF DAMAGE CLA	6700								
	DUES AND MEMBERSHIPS	6840								
	REGISTRATION FEE/TUITI	6845								
	SERVICES NOT SPECIFIED	6999								
	OTHER SERVICES & CHA									
92445	OTHER SERVICES & CHAR		1059496	335	841102	218059	66.6	79.3	202,157	19.0
	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	42,200		2800	66.6		45,000-	100.0-
	COMMUNICATION EQUIPMEN	7355								
	HYDRANTS & METERS	7365								
	PIPE	7370								
	OTHER EQUIPMENT	7399								
	MACHINERY AND EQUIPM		45000	42,200		2800	66.6		45,000-	100.0-
	VEHICLES									
	AUTOMOBILES	7400								
	PICK UP TRUCKS	7420								
	SPECIAL TRUCKS	7450								

-----	VEHICLES	-----	-----	-----	-----	-----	-----	-----	-----
-----	CAPITAL OUTLAY	-----	-----	-----	-----	-----	-----	-----	-----
-----		45000	42,200		2800	66.6		45,000-	100.0-
-----	EXPENDITURES	-----	-----	-----	-----	-----	-----	-----	-----
181368		2194388	69,057	1479409	645923	66.6	67.4	24,725	1.1

009673 - W&S O&M-WATER PLANT DIVISION

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
<u>SALARIES</u>									
28613	REGULAR WAGES 4000	400080		245160	154920	66.6	61.2	32,340-	8.0-
	DISASTER RECOVERY WAGE 4010			2389	2389-			3,583	
436	OVERTIME 4300	20000		12001	7999	66.6	60.0	1,998-	9.9-
	DISASTER RECOVERY OVER 4310			604	604-			906	
<u>-----</u>									
29049	SALARIES	420080		260154	159926	66.6	61.9	29,848-	7.1-
<u>EMPLOYEE BENEFITS</u>									
4575	STATE RETIREMENT 4600	66163		40974	25189	66.6	61.9	4,701-	7.1-
2151	F.I.C.A. TAXES 4700	32136		19306	12830	66.6	60.0	3,176-	9.8-
7000	HOSPITALIZATION INS. 4800	105600		67300	38300	66.6	63.7	4,650-	4.4-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	66.6		500-	100.0-
	WORKMAN'S COMPENSATION 4910	9079		9079	9079	66.6		9,079-	100.0-
<u>-----</u>									
13726	EMPLOYEE BENEFITS	213478		127580	85898	66.6	59.7	22,108-	10.3-
<u>-----</u>									
42775	PERSONAL SERVICES	633558		387734	245824	66.6	61.1	51,956-	8.2-
<u>OFFICE SUPPLIES</u>									
	PAPER 5003	200		100	100	66.6	50.0	50-	25.0-
1050	PRINTED FORMS 5005	2500		1050	1450	66.6	42.0	924-	36.9-
831	OTHER EXPENDABLE OFF.S 5010	3000		1596	1404	66.6	53.2	606-	20.2-
	MINOR OFFICE EQUIP/FUR 5020	100			100	66.6		100-	100.0-
	SUBSCRIPTIONS,MAGS,MAP 5050								
	BOOKS 5070	200			200	66.6		200-	100.0-
	COMPUTER SUPPLIES 5080	300		201	99	66.6	67.0	1	.3
<u>-----</u>									
1881	OFFICE SUPPLIES	6300		2948	3352	66.6	46.7	1,878-	29.8-
<u>OPERATING SUPPLIES</u>									
	CLEANING/JANITORIAL SP 5100	2000		1785	215	66.6	89.2	677	33.8
	FOOD 5115								
	MEDICAL SUPPLIES 5120								
3243	CHEMICALS 5130	60000		59683	317	66.6	99.4	29,524	49.2
227	GAS AND OIL 5250	7000		1820	5180	66.6	26.0	4,270-	61.0-
	LUBRICANTS 5255								
174	DIESEL FUEL 5257	5000		2315	2685	66.6	46.3	1,527-	30.5-
	OTHER FUEL 5260	500		288	212	66.6	57.6	68-	13.6-
	WEARING APPAREL 5355	100			100	66.6		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	66.6	26.2	303-	60.6-
	MINOR EQUIPMENT 5460	1500	173	1255	73	66.6	83.6	382	25.4

	METER PARTS	5485							
	VALVE PARTS	5490							
234	PUMPING EQUIPMENT PART	5495	10000		7151	2849	66.6	71.5	726 7.2
	OTHER OPERATING MATL/S	5590	4000		3892	108	66.6	97.3	1,838 45.9
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3878	OPERATING SUPPLIES		90600	173	78320	12108	66.6	86.4	26,880 29.6
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S	5600	5000		1508	3492	66.6	30.1	2,738- 54.7-
354	ELECTRICAL SUPPLIES	5605	7000	39	2743	4218	66.6	39.1	2,885- 41.2-
	PLUMBING SUPPLIES	5610	2000	99	788	1113	66.6	39.4	818- 40.9-
	STRUCTURAL STEEL & IRO	5620							
	PAINT AND PAINTING SPL	5650	2000		262	1738	66.6	13.1	1,606- 80.3-
262	MTR VEHICLE REP. PTS/S	5700	3700	1,025	1960	715	66.6	52.9	760- 20.5-
143	GENERATOR REP. PTS/SPL	5705	10000		143	9857	66.6	1.4	9,785- 97.8-
	COMMUNICATION REPAIR P	5750							
	AGRICLTR REPAIR PTS/S	5755	3000		893	2107	66.6	29.7	1,660- 55.3-
	MINOR COMPUTER EQUIP.	5800							
	OTHER REPAIR/MAINT. SP	5990	4000		1485	2515	66.6	37.1	1,772- 44.3-
	DISASTER REPAIR SUPPLI	5995	23150	6,069	18880	1799-	66.6	81.5	5,170 22.3
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759	REPAIR & MAINTENANCE		59850	7,232	28661	23956	66.6	47.8	16,858- 28.1-
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6518	SUPPLIES AND EXPENSES		156750	7,405	109929	39416	66.6	70.1	8,143 5.1
	PROFESSIONAL SERVICES								
	ENGINEERING	6015							
	CONSULTANT SERV/SURVEY	6020							
687	OTHER PROFESSIONAL SER	6049	69500		7749	61751	66.6	11.1	57,876- 83.2-
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687	PROFESSIONAL SERVICE		69500		7749	61751	66.6	11.1	57,876- 83.2-
	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP	6060	3000		755	2245	66.6	25.1	1,867- 62.2-
	POSTAGE	6070	2500	1,962		538	66.6		2,500- 100.0-
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	COMMUNICATIONS		5500	1,962	755	2783	66.6	13.7	4,367- 79.4-
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	2000		448	1552	66.6	22.4	1,328- 66.4-
	FREIGHT	6120	1000		275	725	66.6	27.5	587- 58.7-
	MESSENGER/EXPRESS SERV	6130							
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	TRANSPORTATION		3000		724	2276	66.6	24.1	1,914- 63.8-
	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								
236	GAS	6300	4000		2826	1174	66.6	70.6	239 5.9
56920	ELECTRICITY	6305	750000		441664	308337	66.6	58.8	87,504- 11.6-

57156	UTILITIES		754000		444490	309510	66.6	58.9	87,264- 11.5-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M	6350	1000			1000	66.6		1,000- 100.0-
92888	DISASTER REPAIRS	6351	583830	9,157	571035	3637	66.6	97.8	272,722 46.7
	ELECTRICAL R&M	6355	32899	332	25027	7540	66.6	76.0	4,641 14.1
	PLUMBING EQUIPMENT R&M	6357	1000			1000	66.6		1,000- 100.0-
	OFFICE EQUIPMENT R&M	6365							
18676	FIXED EQUIPMENT R&M	6380	137886	75,916	62194	225-	66.6	45.1	44,594- 32.3-
	MINOR EQUIPMENT R&M	6382	4000		888	3113	66.6	22.2	2,668- 66.7-
	GENERATOR R&M	6383	73669			73669	66.6		73,669- 100.0-
	MOTOR VEHICLE EQ. R&M	6384	5000	188	60	4753	66.6	1.2	4,910- 98.2-
	CONSTRUCTION EQUIP R&M	6386							
	AGRICULTURAL EQ. R&M	6387	1000		119	881	66.6	11.9	821- 82.1-
	COMMUNICATION EQ. R&M	6390	1000			1000	66.6		1,000- 100.0-
	DISINFECT./EXTERMINATI	6394	1000		444	556	66.6	44.4	334- 33.4-
	OTHER REPAIRS AND MAIN	6399	1000			1000	66.6		1,000- 100.0-

111564	REPR/MAINT-OUTSIDE L		843284	85,593	659767	97924	66.6	78.2	146,366 17.3
	RENTALS								
	OFFICE EQUIPMENT RENT	6410							
	MACHINERY RENT	6420							
	CYLINDER RENT	6425							
404	UNIFORM RENT	6430	4000		1844	2156	66.6	46.1	1,234- 30.8-
115	MOP-MAT-RAG RENT	6435	1000		504	496	66.6	50.4	244- 24.4-
	OTHER RENT	6449	5500		5490	10	66.6	99.8	2,735 49.7

519	RENTALS		10500		7838	2662	66.6	74.6	1,257 11.9
	OTHER SERVICES & CHARGE								
	BANK SERV/TRF FEE	6832							
	DUES AND MEMBERSHIPS	6840	1000		675	325	66.6	67.5	12 1.2
	REGISTRATION FEE/TUITI	6845	2000			2000	66.6		2,000- 100.0-
	CUSTODIAL SERVICE	6870							
	PROPERTY TAXES	6995							
	SERVICES NOT SPECIFIED	6999	2000		90	1910	66.6	4.5	1,864- 93.2-

	OTHER SERVICES & CHA		5000		765	4235	66.6	15.3	3,852- 77.0-

169926	OTHER SERVICES & CHAR		1690784	87,555	1122087	481141	66.6	66.3	7,653- .4-
	BUILDING/BLD IMPROVEMEN								
	BUILDING IMPROVEMENTS	7150							
	W&S WAREHOUSE IMPROVE	7150 11	156000		150859	5141	66.6	96.7	70,288 45.0
	WATER PLANT RENOVATIO	7150 17							
	ELEVATOR	7150 24							

	BUILDING IMPROVEMEN		156000		150859	5141	66.6	96.7	70,288 45.0

-----	BUILDING/BLD IMPROVE	-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER THAN	156000		150859	5141	66.6	96.7	70,288 45.0
	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	26,300		23700	66.6		50,000- 100.0-
	HYDRANTS & METERS 7365							
	OTHER EQUIPMENT 7399							
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	MACHINERY AND EQUIPM	50000	26,300		23700	66.6		50,000- 100.0-
	VEHICLES							
	AUTOMOBILES 7400							
	PICK UP TRUCKS 7420							
-----		-----	-----	-----	-----	-----	-----	-----
	VEHICLES							
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	CAPITAL OUTLAY	206000	26,300	150859	28841	66.6	73.2	20,288 9.8
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219219	EXPENDITURES	2687092	121,260	1770610	795223	66.6	65.8	31,176- 1.1-

009676 - W&S O&M-SEWER DIVISION

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
28643	REGULAR WAGES 4000	476522		247583	228939	66.6 51.9	105,147-	22.0-
	DISASTER RECOVERY WAGE 4010			4781	4781-		7,171	
1043	OVERTIME 4300	35000		15286	19714	66.6 43.6	12,070-	34.4-
	DISASTER RECOVERY OVER 4310			1693	1693-		2,539	
29685	SALARIES	511522		269343	242179	66.6 52.6	107,507-	21.0-
EMPLOYEE BENEFITS								
4675	STATE RETIREMENT 4600	80565		42422	38143	66.6 52.6	16,931-	21.0-
2250	F.I.C.A. TAXES 4700	39131		20437	18694	66.6 52.2	8,475-	21.6-
7500	HOSPITALIZATION INS. 4800	118800		73900	44900	66.6 62.2	7,950-	6.6-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	66.6	1,000-	100.0-
	WORKMAN'S COMPENSATION 4910	17027			17027	66.6	17,027-	100.0-
14425	EMPLOYEE BENEFITS	256523		136758	119765	66.6 53.3	51,385-	20.0-
44111	PERSONAL SERVICES	768045		406101	361944	66.6 52.8	158,893-	20.6-
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100							
	HOUSEHOLD SUPPLIES 5110							
	MEDICAL SUPPLIES 5120							
9052	CHEMICALS 5130	165000		95995	69005	66.6 58.1	21,007-	12.7-
448	GAS AND OIL 5250	10000		5554	4446	66.6 55.5	1,668-	16.6-
	LUBRICANTS 5255							
591	DIESEL FUEL 5257	20000		4268	15732	66.6 21.3	13,598-	67.9-
	OTHER FUEL 5260							
	WEARING APPAREL 5355	3000		946	2054	66.6 31.5	1,580-	52.6-
	ASPHALT & ASPHALT PROD 5400	10000			10000	66.6	10,000-	100.0-
	CONCRETE, CEMENT, ETC. 5405	1000		329	671	66.6 32.9	506-	50.6-
	BRICK, STONE, MORTAR, ETC 5410							
412	SAND, CLAY, GRVL, FILL DI 5415	10000		8572	1428	66.6 85.7	2,858	28.5
	DRAINAGE PIPE & CULVER 5420							
	HORT./LANDSCAPING SPLY 5440	500	15		486	66.6	500-	100.0-
	HAND TOOLS 5450	10000	2,404	1356	6240	66.6 13.5	7,966-	79.6-
	MINOR EQUIPMENT 5460	2000		3350	1350-	66.6 167.5	3,025	151.2
	PUMPING EQUIPMENT PART 5495	100		58	42	66.6 58.0	12-	12.0-
	OTHER OPERATING MATL/S 5590	5000		3978	1022	66.6 79.5	967	19.3
10502	OPERATING SUPPLIES	236600	2,419	124406	109775	66.6 52.5	49,990-	21.1-
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	500			500	66.6	500-	100.0-
	ELECTRICAL SUPPLIES 5605	2500			2500	66.6	2,500-	100.0-
245-	PLUMBING SUPPLIES 5610	40000	117	8571	31312	66.6 21.4	27,143-	67.8-

	STRUCTURAL STEEL & IRO	5620											
	PAINT AND PAINTING SPL	5650	500	444		56	66.6			500-	100.0-		
2541	MTR VEHICLE REP. PTS/S	5700	25000	6,787	9429	8785	66.6	37.7		10,856-	43.4-		
	COMMUNICATION REPAIR P	5750											
	AGRICLTR REPAIR PTS/S	5755											
	EXPENDABLE WELDING SPL	5770											
	OTHER REPAIR/MAINT. SP	5990	2000			2000	66.6			2,000-	100.0-		
	DISASTER REPAIR SUPPLI	5995	51019	18,116	23362	9542	66.6	45.7		15,975-	31.3-		
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2297	REPAIR & MAINTENANCE		121519	25,464	41361	54694	66.6	34.0		59,477-	48.9-		
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12799	SUPPLIES AND EXPENSES		358119	27,883	165767	164470	66.6	46.2		109,468-	30.5-		
	PROFESSIONAL SERVICES												
	LEGAL	6025											
	OTHER PROFESSIONAL SER	6049	2000			2000	66.6			2,000-	100.0-		
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	PROFESSIONAL SERVICE		2000			2000	66.6			2,000-	100.0-		
	COMMUNICATIONS												
	TELEPHONE AND TELEGRAP	6060											
	POSTAGE	6070											
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	COMMUNICATIONS												
	TRANSPORTATION												
	TRAVEL EXPENSE	6110	1200		517	683	66.6	43.0		424-	35.3-		
196	FREIGHT	6120	800	78	381	341	66.6	47.6		228-	28.5-		
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196	TRANSPORTATION		2000	78	898	1024	66.6	44.9		652-	32.6-		
	ADVERTISING												
	ADVERTISING	6150											
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	ADVERTISING												
	INSURANCE												
	PUBLIC LIAB/PROPERTY D	6255											
	BOILER MACHINERY	6260											
	AUTOMOBILE INSURANCE	6265											
-----			-----	-----	-----	-----	-----	-----		-----	-----		
	INSURANCE												
	UTILITIES												
13	GAS	6300	200		101	99	66.6	50.5		48-	24.0-		
7817	ELECTRICITY	6305	100000		52150	47850	66.6	52.1		21,774-	21.7-		
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7830	UTILITIES		100200		52251	47949	66.6	52.1		21,823-	21.7-		
	REPR/MAINT-OUTSIDE LABO												
5935	DISASTER REPAIRS	6351	29944	5,827	29383	5267-	66.6	98.1		14,130	47.1		
	ELECTRICAL R&M	6355	8000			8000	66.6			8,000-	100.0-		
	PLUMBING EQUIPMENT R&M	6357											
255366	STREETS & STRUCTURES R	6360	1136157	2,311	918897	219571	66.6	80.8		242,188	21.3		
	FIXED EQUIPMENT R&M	6380	2000			2000	66.6			2,000-	100.0-		
	MINOR EQUIPMENT R&M	6382	10500		250-	10750	66.6	2.3		10,124-	96.4-		
	MOTOR VEHICLE EQ. R&M	6384	35000	5,699	5083	24218	66.6	14.5		27,375-	78.2-		
	CONSTRUCTION EQUIP R&M	6386	20000	268	3019	16713	66.6	15.0		15,471-	77.3-		

	AGRICULTURAL EQ. R&M	6387								
	COMMUNICATION EQ. R&M	6390	2000		2000	66.6		2,000-	100.0-	
	TOW IN CHARGES	6398	2000	135	1865	66.6	6.7	1,797-	89.8-	
	OTHER REPAIRS AND MAIN	6399								
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261300	REPR/MAINT-OUTSIDE L		1245601	9,483	956267	279851	66.6	76.7	188,799	15.1
	RENTALS									
	AUTOMOTIVE EQ. RENT	6415								
	MACHINERY RENT	6420	5000	224	4776	66.6	4.4	4,664-	93.2-	
	CYLINDER RENT	6425								
426	UNIFORM RENT	6430	3500	2182	1318	66.6	62.3	226-	6.4-	
	OTHER RENT	6449	2500		2500	66.6		2,500-	100.0-	
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426	RENTALS		11000	2406	8594	66.6	21.8	7,390-	67.1-	
	OTHER SERVICES & CHARGE									
	REGISTRATION FEE/TUITI	6845	1000		1000	66.6		1,000-	100.0-	
	SERVICES NOT SPECIFIED	6999								
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	OTHER SERVICES & CHA		1000		1000	66.6		1,000-	100.0-	
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269752	OTHER SERVICES & CHAR		1361801	9,561	1011822	340418	66.6	74.3	155,932	11.4
	BUILDING/BLD IMPROVEMEN									
	BUILDINGS	7100								
	SEWER MAINT. BLDG.	7100 09								
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	BUILDINGS									
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	BUILDING/BLD IMPROVE									
	IMPROVEMENT OTHER THAN									
	BRIDGES	7210								
	FENCES/RAILINGS	7212								
	DRAINS	7215								
	SEWERS	7220								
	STREETS & ROADWAYS	7230								
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	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								
	OTHER EQUIPMENT	7399	12000		12000	66.6		12,000-	100.0-	
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	MACHINERY AND EQUIPM		12000		12000	66.6		12,000-	100.0-	
	VEHICLES									
	AUTOMOBILES	7400								
	PICK UP TRUCKS	7420								
	DUMP TRUCKS	7440								

-----	SPECIAL TRUCKS	7450	-----	-----	-----	-----	-----	-----	-----
-----	VEHICLES		-----	-----	-----	-----	-----	-----	-----
-----	CAPITAL OUTLAY	12000	-----	-----	-----	12000	66.6	12,000-	100.0-
-----	EXPENDITURES	2499965	-----	-----	-----	-----	-----	-----	-----
326661			37,444	1583691	878831	66.6	63.3	124,428-	4.9-

009677 - W&S O&M-SEWER LAGOON DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
11345	REGULAR WAGES 4000	172869		95129	77740	66.6 55.0	30,175-	17.4-
	DISASTER RECOVERY WAGE 4010			2828	2828-		4,242	
212	OVERTIME 4300	25000		2752	22248	66.6 11.0	20,872-	83.4-
	DISASTER RECOVERY OVER 4310			824	824-		1,236	
11556	SALARIES	197869		101533	96336	66.6 51.3	45,569-	23.0-
EMPLOYEE BENEFITS								
1820	STATE RETIREMENT 4600	31164		15991	15173	66.6 51.3	7,177-	23.0-
849	F.I.C.A. TAXES 4700	15137		7507	7630	66.6 49.5	3,876-	25.6-
2505	HOSPITALIZATION INS. 4800	46200		28110	18090	66.6 60.8	4,034-	8.7-
	UNEMPLOYMENT BENEFITS 4900	500			500	66.6	500-	100.0-
	WORKMAN'S COMPENSATION 4910	6286			6286	66.6	6,286-	100.0-
5174	EMPLOYEE BENEFITS	99287		51608	47679	66.6 51.9	21,875-	22.0-
16731	PERSONAL SERVICES	297156		153141	144015	66.6 51.5	67,444-	22.6-
OFFICE SUPPLIES								
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100							
	MEDICAL SUPPLIES 5120	500			500	66.6	500-	100.0-
14003	CHEMICALS 5130	158800		136097	22704	66.6 85.7	45,345	28.5
561	GAS AND OIL 5250	10000		4567	5433	66.6 45.6	3,149-	31.4-
	LUBRICANTS 5255	4200		4200		66.6 100.0	2,100	50.0
19	DIESEL FUEL 5257	5000		936	4064	66.6 18.7	3,596-	71.9-
	OTHER FUEL 5260							
	WEARING APPAREL 5355	500			500	66.6	500-	100.0-
	CONCRETE, CEMENT, ETC. 5405							
	SAND, CLAY, GRVL, FILL DI 5415							
	HAND TOOLS 5450	1000		626	374	66.6 62.6	60-	6.0-
	MINOR EQUIPMENT 5460	5000		370	4630	66.6 7.4	4,444-	88.8-
	METER PARTS 5485							
	VALVE PARTS 5490							
950	PUMPING EQUIPMENT PART 5495	150000	950	29593	119457	66.6 19.7	105,610-	70.4-
	OTHER OPERATING MATL/S 5590	4225		585	3640	66.6 13.8	3,347-	79.2-
15532	OPERATING SUPPLIES	339225	950	176975	161300	66.6 52.1	73,762-	21.7-
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	100			100	66.6	100-	100.0-
349	ELECTRICAL SUPPLIES 5605	25000	7,004	4831	13165	66.6 19.3	17,753-	71.0-
1700	PLUMBING SUPPLIES 5610	3000		1741	1259	66.6 58.0	388-	12.9-
	STRUCTURAL STEEL & IRO 5620							
	PAINT AND PAINTING SPL 5650							

808	MTR VEHICLE REP. PTS/S 5700	5398	398	3662	1338	66.6	67.8	95	1.7
	COMMUNICATION REPAIR P 5750								
	EXPENDABLE WELDING SPL 5770								
	OTHER REPAIR/MAINT. SP 5990								
	DISASTER REPAIR SUPPLI 5995	3166		3166		66.6	100.0	1,583	50.0
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2857	REPAIR & MAINTENANCE	36664	7,402	13399	15863	66.6	36.5	16,565-	45.1-
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18389	SUPPLIES AND EXPENSES	375889	8,352	190374	177163	66.6	50.6	90,327-	24.0-
	PROFESSIONAL SERVICES								
	CONSULTANT SERV/SURVEY 6020								
	LEGAL 6025	132424		132424		66.6	100.0	66,212	50.0
	MEDICAL 6027								
2780	OTHER PROFESSIONAL SER 6049	67576		24285	43291	66.6	35.9	31,148-	46.0-
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2780	PROFESSIONAL SERVICE	200000		156709	43291	66.6	78.3	35,063	17.5
	TRANSPORTATION								
	TRAVEL EXPENSE 6110	2500		1023	1477	66.6	40.9	965-	38.6-
15	FREIGHT 6120	300	29	15	256	66.6	5.0	277-	92.3-
	MESSENGER/EXPRESS SERV 6130								
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15	TRANSPORTATION	2800	29	1038	1733	66.6	37.0	1,242-	44.3-
	ADVERTISING								
	ADVERTISING 6150								
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	ADVERTISING								
	INSURANCE								
	PUBLIC LIAB/PROPERTY D 6255								
	AUTOMOBILE INSURANCE 6265								
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	INSURANCE								
	UTILITIES								
59018	ELECTRICITY 6305	768120		448234	319886	66.6	58.3	95,768-	12.4-
	INTERFUND ENERGY REIMB 6307								
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59018	UTILITIES	768120		448234	319886	66.6	58.3	95,768-	12.4-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350								
	DISASTER REPAIRS 6351	7209		9044	1835-	66.6	125.4	6,357	88.1
6205	ELECTRICAL R&M 6355	25000		13993	11007	66.6	55.9	4,010-	16.0-
105676	FIXED EQUIPMENT R&M 6380	980825		853002	127823	66.6	86.9	298,678	30.4
	MINOR EQUIPMENT R&M 6382								
	MOTOR VEHICLE EQ. R&M 6384	3000	490	2030	480	66.6	67.6	45	1.5
	CONSTRUCTION EQUIP R&M 6386	500			500	66.6		500-	100.0-
	COMMUNICATION EQ. R&M 6390								
	DISINFECT./EXTERMINATI 6394	600		360	240	66.6	60.0	60-	10.0-
	TOW IN CHARGES 6398	300		65	235	66.6	21.6	202-	67.3-
520	OTHER REPAIRS AND MAIN 6399	1000		520	480	66.6	52.0	220-	22.0-
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112402	REPR/MAINT-OUTSIDE L	1018434	490	879014	138930	66.6	86.3	300,087	29.4
	RENTALS								

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209522	EXPENDITURES	2696899	8,871	1837000	851028	66.6	68.1	58,601	2.1

010451 - W&S B&I-REVENUE OBLIGATIONS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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							
	GENERAL ISSUES 8000	2070000		535000	1535000	66.6 25.8	1,267,500-	61.2-
	REVENUE ISSUES 8010	2735000		1114131	1620869	66.6 40.7	1,063,803-	38.8-
	5 YEAR NOTE PRINCIPAL 8021							
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	BONDS REDEEMED	4805000		1649131	3155869	66.6 34.3	2,331,303-	48.5-
	INTEREST ON BONDS							
	GENERAL ISSUES 8100	297800		148866	148934	66.6 49.9	74,500-	25.0-
	REVENUE ISSUES 8110	2298000		226378	2071622	66.6 9.8	1,958,432-	85.2-
	5 YEAR NOTE INTEREST 8121							
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	INTEREST ON BONDS	2595800		375244	2220556	66.6 14.4	2,032,934-	78.3-
	PAYING AGENT FEES							
	GENERAL ISSUES 8400	8000		2314	5686	66.6 28.9	4,528-	56.6-
	REVENUE ISSUES 8410	5000			5000	66.6	5,000-	100.0-
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	PAYING AGENT FEES	13000		2314	10686	66.6 17.8	9,528-	73.2-
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	DEBT SERVICE	7413800		2026690	5387110	66.6 27.3	4,373,764-	58.9-
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	EXPENDITURES	7413800		2026690	5387110	66.6 27.3	4,373,764-	58.9-

010500 - W&S B&I-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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 W & S RFDG.BONDS 9000 65							
	T/T W & S CONSTRUCTION 9000 75							
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	TRANSFERS TO OTHER F							
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	TRANSFERS							
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	EXPENDITURES							

011451 - WATER & SEWER-REV.OBLIGATN

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	NOTE PRINCIPAL								
7691	SRF NOTE	8222	173772		142717	31055	66.6 82.1	40,303	23.1
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7691	NOTE PRINCIPAL		173772		142717	31055	66.6 82.1	40,303	23.1
	INTEREST ON NOTES								
598	SRF NOTE	8332	8763		6661	2102	66.6 76.0	1,228	14.0
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598	INTEREST ON NOTES		8763		6661	2102	66.6 76.0	1,228	14.0
	PAYING AGENT FEES								
	REVENUE ISSUES	8410	8500		7935	565	66.6 93.3	3,402	40.0
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	PAYING AGENT FEES		8500		7935	565	66.6 93.3	3,402	40.0
	CAPITAL LEASE PAYMENTS								
	2012 EQUIP LEASE	8514							
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	CAPITAL LEASE PAYMEN								
	INTEREST ON CAPITAL LEA								
	2012 EQUIP LEASE	8614							
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	INTEREST ON CAPITAL								
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8289	DEBT SERVICE		191035		157313	33722	66.6 82.3	44,934	23.5
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8289	EXPENDITURES		191035		157313	33722	66.6 82.3	44,934	23.5

011500 - WATER & SEWER-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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	250000			250000	66.6	250,000-	100.0-
779167	T/T WATER & SEWER O&M 9000 09	9350000		6233333	3116667	66.6 66.6		
	T/T WATER & SEWER B&I 9000 10							
	T/T WATER & SEWER B&I 9000 10A	250000		250000		66.6 100.0	125,000	50.0
72083	T/T WATER & SEWER B&I 9000 10B	865000		576667	288333	66.6 66.6		
104583	T/T WATER & SEWER B&I 9000 10C	1255000		836667	418333	66.6 66.6		
244250	T/T WATER & SEWER B&I 9000 10D	2931000		1954000	977000	66.6 66.6		
20000	T/T 2010 W&S GO BOND 9000 10GO	240000		160000	80000	66.6 66.6		
53333	T/T W&SB&I (METER GO) 9000 10M	640000		426667	213333	66.6 66.6		
125000	T/T 2016 W&S REF BONDS 9000 10REF	1250000		750000	500000	66.6 60.0	125,000-	10.0-
	T/T W&SB&I-USA YEAST P 9000 15							
	T/T WATER & SEWER CONT 9000 17							
594480	T/T W & S CONSTRUCTION 9000 75	2000000		4457879	2457879-	66.6 222.8	4,686,818	234.3
	T/T 2010 W&S GO BOND 9000 99							
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1992896	TRANSFERS TO OTHER F	19031000		15645212	3385788	66.6 82.2	4,436,818	23.3
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1992896	TRANSFERS	19031000		15645212	3385788	66.6 82.2	4,436,818	23.3
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1992896	EXPENDITURES	19031000		15645212	3385788	66.6 82.2	4,436,818	23.3

011660 - WATER & SEWER-CUST.ACCT.DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	RENTALS							
216	OFFICE EQUIPMENT RENT 6410	2000		862	1138	66.6 43.1	706-	35.3-
216	RENTALS	2000		862	1138	66.6 43.1	706-	35.3-
	OTHER SERVICES & CHARGE							
	DEPR. EXPENSE - METERS 6800							
	CASH OVERAGE/SHORTAGE 6819							
258	BANK SERV/TRF FEE 6832	2400		1674	726	66.6 69.7	111	4.6
	REFUNDS 6835							
357-	WATER RELATED REFUND 6835 WTR	15000		6510	8490	66.6 43.4	5,234-	34.8-
357-	REFUNDS	15000		6510	8490	66.6 43.4	5,234-	34.8-
	NSF CHECKS 6836							
	BAD DEBT EXPENSE 6837							
182	BANK NSF FEES 6838	2000		833	1167	66.6 41.6	750-	37.5-
	OTHER INCOME EXPENSE 6839			4000-	4000		6,000	
82	OTHER SERVICES & CHA	19400		5017	14383	66.6 25.8	11,874-	61.2-
298	OTHER SERVICES & CHAR	21400		5880	15520	66.6 27.4	12,580-	58.7-
298	EXPENDITURES	21400		5880	15520	66.6 27.4	12,580-	58.7-

012452 - 1999 TAX INCRE B&I-GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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							
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	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							

CITY OF HATTIESBURG
EXPENDITURE REPORT

8 Months Ending 05/31/17

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(KOHLER	6455						
		INTERGOV'TL-DEBT SER							
		OTHER SERVICES & CHARGE							
1117		PROP.TAX COLL. FEES .0	6830	39000	8839	30161	66.6 22.6	25,741-	66.0-
153		PROP.TAX COLL. FEES.00	6831		17421	17421-		26,131	
		BANK SERV/TRF FEE	6832						
1270		OTHER SERVICES & CHA	39000		26259	12741	66.6 67.3	388	.9
1270		OTHER SERVICES & CHAR	39000		26259	12741	66.6 67.3	388	.9
		BONDS REDEEMED							
		GENERAL ISSUES	8000	1935000	1545000	390000	66.6 79.8	382,500	19.7
		IND/ECON DEV ISSUES	8020		290000	290000-		435,000	
		5 YEAR NOTE PRINCIPAL	8021						
		BONDS REDEEMED		1935000	1835000	100000	66.6 94.8	817,500	42.2
		INTEREST ON BONDS							
		GENERAL ISSUES	8100	273200	202200	71000	66.6 74.0	30,100	11.0
		IND/ECON DEV ISSUES	8120						
		5 YEAR NOTE INTEREST	8121						
		INTEREST ON BONDS		273200	202200	71000	66.6 74.0	30,100	11.0
		PAYING AGENT FEES							
		GENERAL ISSUES	8400	15000	6341	8659	66.6 42.2	5,488-	36.5-
		IND/ECON DEV ISSUES	8420						
		PAYING AGENT FEES	15000		6341	8659	66.6 42.2	5,488-	36.5-
		DEBT SERVICE	2223200		2043541	179659	66.6 91.9	842,111	37.8
1270		EXPENDITURES	2262200		2069801	192399	66.6 91.4	842,501	37.2

014599 - SCHOOL FUND-MISC.CHARGES

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OTHER SERVICES & CHARGE							
7310	PROP.TAX COLL. FEES .0 6830			57010	57010-		85,515	
736	PROP.TAX COLL. FEES.00 6831			86697	86697-		130,045	
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8046	OTHER SERVICES & CHA			143707	143707-		215,560	
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8046	OTHER SERVICES & CHAR			143707	143707-		215,560	
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8046	EXPENDITURES			143707	143707-		215,560	

015451 - W&S B&I USA YEAST-REV OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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						
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	BONDS REDEEMED							
	INTEREST ON BONDS							
	REVENUE ISSUES	8110						
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS							
	PAYING AGENT FEES							
	REVENUE ISSUES	8410						
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	PAYING AGENT FEES							
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	DEBT SERVICE							
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	EXPENDITURES							

018701 - P&FD&R-TRUST AND AGENCY

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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							
727	OTHER PROFESSIONAL SER 6049			26518	26518-		39,777	
727	PROFESSIONAL SERVICE			26518	26518-		39,777	
	OTHER SERVICES & CHANGE							
212646	PENSION EXPENSE 6825			1481063	1481063-		2,221,594	
473	PROP.TAX COLL. FEES .0 6830			3745	3745-		5,617	
65	PROP.TAX COLL. FEES.00 6831			7380	7380-		11,070	
	REFUNDS 6835							
	PFDR ACC. CONTRI. REF 6835 PFDR							
	REFUNDS							
213184	OTHER SERVICES & CHA			1492188	1492188-		2,238,282	
213911	OTHER SERVICES & CHAR			1518706	1518706-		2,278,059	
213911	EXPENDITURES			1518706	1518706-		2,278,059	

019100 - POL.FORFEITURES-POLICE DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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							
1358	OTHER OPER.MATLS-CRIME 5591	12000		4484	7516	66.6 37.3	5,274-	43.9-
	OTHER OPER.MATLS-D.A.R 5592	29441	3,763	6433	19245	66.6 21.8	19,791-	67.2-
	OTHER OPER-NON-SWORN C 5595							
	PAINT AND PAINTING SPL 5650							
	COMMUNICATION REPAIR P 5750							
	MINOR COMPUTER EQUIP. 5800							
1358	OPERATING SUPPLIES	41441	3,763	10918	26760	66.6 26.3	25,063-	60.4-
1358	SUPPLIES AND EXPENSES	41441	3,763	10918	26760	66.6 26.3	25,063-	60.4-
	PROFESSIONAL SERVICES							
	METRO CRIME STOPPERS 6039	20000			20000	66.6	20,000-	100.0-
	FEES - NON-SWORN CLASS 6044							
	OTHER PROFESSIONAL SER 6049							
	PROFESSIONAL SERVICE	20000			20000	66.6	20,000-	100.0-
	COMMUNICATIONS							
	TELEPHONE AND TELEGRAP 6060							
	COMMUNICATIONS							
	TRANSPORTATION							
	TRAVEL EXPENSE 6110							
820	TRAVEL EXP-M/C TRAININ 6112	3600		820	2780	66.6 22.7	2,370-	65.8-
	TRAVEL EXP-K-9 TRAININ 6113							
	TRAVEL EXP-TELECOMMUNI 6114							
	TRAVEL/REG-NON SWORN P 6117							
	FREIGHT 6120							
820	TRANSPORTATION	3600		820	2780	66.6 22.7	2,370-	65.8-

	ADVERTISING								
	ADVERTISING	6150							
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	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING	6200							
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	PRINTING AND BINDING								
	OTHER SERVICES & CHARGE								
	EVIDENCE BUY MONEY	6817							
	GRANT RELATED REFUND	6835 STATE							
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	EVIDENCE BUY MONEY								
	DUES AND MEMBERSHIPS	6840	3000		2500	500	66.6 83.3	750	25.0
	REGISTRATION FEE/TUITI	6845							
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	OTHER SERVICES & CHA		3000		2500	500	66.6 83.3	750	25.0
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820	OTHER SERVICES & CHAR		26600		3320	23280	66.6 12.4	21,620-	81.2-
	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	22,900	12000	24017	66.6 20.3	40,917-	69.4-
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	MACHINERY AND EQUIPM		58917	22,900	12000	24017	66.6 20.3	40,917-	69.4-
	VEHICLES								
	AUTOMOBILES	7400	50000			50000	66.6	50,000-	100.0-
	MOTORCYCLES	7405							
-----			-----	-----	-----	-----	-----	-----	-----
	VEHICLES		50000			50000	66.6	50,000-	100.0-
	OTHER								
	ZOOLOGICAL ANIMALS	7505							
-----			-----	-----	-----	-----	-----	-----	-----
	OTHER								
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	CAPITAL OUTLAY		108917	22,900	12000	74017	66.6 11.0	90,917-	83.4-
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2178	EXPENDITURES		176958	26,663	26238	124057	66.6 14.8	137,600-	77.7-

020452 - 2002 TIF B&I-S/P GEN OBLIGA

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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		66.6 100.0	67,500	50.0
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	135000		135000		66.6 100.0	67,500	50.0
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120	110702		56988	53715	66.6 51.4	25,220-	22.7-
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	110702		56988	53715	66.6 51.4	25,220-	22.7-
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420	2000		1250	750	66.6 62.5	124-	6.2-
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	2000		1250	750	66.6 62.5	124-	6.2-
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE	247702		193238	54465	66.6 78.0	42,155	17.0
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	247702		193238	54465	66.6 78.0	42,155	17.0

021452 - 2004 TIF B&I-H/D GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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							
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

022452 - 2003 TIF B&I-C/S GEN OBLIGA

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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	115000		50000	65000	66.6 43.4	40,000-	34.7-
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	115000		50000	65000	66.6 43.4	40,000-	34.7-
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120	77318		48600	28718	66.6 62.8	4,418-	5.7-
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	77318		48600	28718	66.6 62.8	4,418-	5.7-
	PAYING AGENT FEES							
1000	IND/ECON DEV ISSUES 8420	2000		2000		66.6 100.0	1,000	50.0
-----		-----	-----	-----	-----	-----	-----	-----
1000	PAYING AGENT FEES	2000		2000		66.6 100.0	1,000	50.0
-----		-----	-----	-----	-----	-----	-----	-----
1000	DEBT SERVICE	194318		100600	93718	66.6 51.7	43,418-	22.3-
-----		-----	-----	-----	-----	-----	-----	-----
1000	EXPENDITURES	194318		100600	93718	66.6 51.7	43,418-	22.3-

023452 - 2007 TIF B&I-T/C GEN OBLIGA

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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	355000		30000	325000	66.6 8.4	310,000-	87.3-
-----		-----	-----	-----	-----	-----	-----	-----
BONDS REDEEMED								
	INTEREST ON BONDS	355000		30000	325000	66.6 8.4	310,000-	87.3-
	IND/ECON DEV ISSUES 8120	92283		14200	78083	66.6 15.3	70,983-	76.9-
-----		-----	-----	-----	-----	-----	-----	-----
INTEREST ON BONDS								
	PAYING AGENT FEES	92283		14200	78083	66.6 15.3	70,983-	76.9-
	IND/ECON DEV ISSUES 8420	3500			3500	66.6	3,500-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
PAYING AGENT FEES								
		3500			3500	66.6	3,500-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
DEBT SERVICE								
		450783		44200	406583	66.6 9.8	384,483-	85.2-
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EXPENDITURES								
		450783		44200	406583	66.6 9.8	384,483-	85.2-

024452 - 2008 TIF B&I-L/C GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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		66.6 100.0	20,000	50.0
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	40000		40000		66.6 100.0	20,000	50.0
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120	13200		13200		66.6 100.0	6,600	50.0
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	13200		13200		66.6 100.0	6,600	50.0
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420	1000		850	150	66.6 85.0	275	27.5
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	1000		850	150	66.6 85.0	275	27.5
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE	54200		54050	150	66.6 99.7	26,875	49.5
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	54200		54050	150	66.6 99.7	26,875	49.5

025452 - 2011 TIF B&I-KOHL'S GEN OBLIGA

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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							
70000	IND/ECON DEV ISSUES 8020	70000		70000		66.6 100.0	35,000	50.0
-----		-----	-----	-----	-----	-----	-----	-----
70000	BONDS REDEEMED	70000		70000		66.6 100.0	35,000	50.0
	INTEREST ON BONDS							
9750	IND/ECON DEV ISSUES 8120	19500		19500		66.6 100.0	9,750	50.0
-----		-----	-----	-----	-----	-----	-----	-----
9750	INTEREST ON BONDS	19500		19500		66.6 100.0	9,750	50.0
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420	2000		1940	60	66.6 97.0	910	45.5
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	2000		1940	60	66.6 97.0	910	45.5
-----		-----	-----	-----	-----	-----	-----	-----
79750	DEBT SERVICE	91500		91440	60	66.6 99.9	45,660	49.9
-----		-----	-----	-----	-----	-----	-----	-----
79750	EXPENDITURES	91500		91440	60	66.6 99.9	45,660	49.9

026452 - 2016 TIF B&I-WHISP PINES EXPEN

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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			1240	1240-		1,860	
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES			1240	1240-		1,860	
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE			1240	1240-		1,860	
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES			1240	1240-		1,860	

027500 - TAX COLLECTOR'S-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
TRANSFERS TO OTHER FUND								
3271-	T/T GENERAL FUND 9000 01			13421410	13421410-		20,132,115	
	T/T GENERAL FD-C.C. FE 9000 01CC							
	T/T GENERAL FD-EXCESS 9000 01EB							
	T/T GENERAL FD-CHKG IN 9000 01CHK							
16355	T/T GENERAL FD-INT/PEN 9000 01IP			124601	124601-		186,901	
14061	T/T PARKS & RECERATION 9000 02			814581	814581-		1,221,871	
13713	T/T LIBRARY 9000 04			794414	794414-		1,191,621	
	T/T 1999 TAX INCRE B&I 9000 12							
49214	T/T CITY B & I 9000 13			2848636	2848636-		4,272,954	
243270	T/T SCHOOL FUND 9000 14			15387867	15387867-		23,081,800	
31419	T/T SCHOOL-1988 SCH.BO 9000 14SB			2004753	2004753-		3,007,129	
20848	T/T POL/FIRE DIS./RELI 9000 18			1208757	1208757-		1,813,135	
	T/T 2002 TIF B&I-SP 9000 20			100000	100000-		150,000	
	T/T 2004 TIF B&I-HD 9000 21							
	T/T 2003 TIF B&I-CS 9000 22			100000	100000-		150,000	
250000	T/T 2007 TIF B&I-TC 9000 23			250000	250000-		375,000	
	T/T 2008 TIF B&I-LC 9000 24							
	T/T 2011 TIF B&I-TC KO 9000 25			100000	100000-		150,000	
	T/T '16 TIF B&I-WHISPE 9000 26			150000	150000-		225,000	
	T/T 2016 TIF B&I-HBURG 9000 28			125000	125000-		187,500	
	T/T 2015A TIF B&I-RIDG 9000 50			119000	119000-		178,500	
	T/T 2015B TIF B&I-MIDT 9000 51			40000	40000-		60,000	
3480	T/T MASS TRANSIT OPER. 9000 73			201635	201635-		302,452	
	T/T 2008 TIF CONSTR-LC 9000 90							
639089	TRANSFERS TO OTHER F			37790655	37790655-		56,685,982	
639089	TRANSFERS			37790655	37790655-		56,685,982	
639089	EXPENDITURES			37790655	37790655-		56,685,982	

028452 - 2016 TIF B&I-HBRG CLINIC MIDTN

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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-		63,000	
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED			42000	42000-		63,000	
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120			28385	28385-		42,577	
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS			28385	28385-		42,577	
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420							
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES							
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE			70385	70385-		105,577	
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES			70385	70385-		105,577	

039551 - AIRPORT IMPR.-AIRPORT DIV

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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							
STREETS & STRUCTURES R	6360	35000			35000	66.6	35,000-	100.0-
DISINFECT./EXTERMINATI	6394							
OTHER REPAIRS AND MAIN	6399							
AUTOMOTIVE EQ. RENT	6415							
OTHER RENT	6449							
REPR/MAINT-OUTSIDE L								
		35000			35000	66.6	35,000-	100.0-

	OTHER SERVICES & CHAR	35000		35000	66.6		35,000-	100.0-
	IMPROVEMENT OTHER THAN							
	STREETS & ROADWAYS 7230							
	STREET LIGHTING 7235							
	LIGHTING SYSTEM 7236							
	OTHER IMPROVEMENTS 7295							
	AIRPORT SIGN 7295 01							
5204	AIRPORT IMP-FAA 7295 02	1380000	47420	1332580	66.6	3.4	1,308,870-	94.8-
	MDOT-MULTIMODAL 7295 06							
	MISC.OTHER IMPROVEMEN 7295 99							
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5204	OTHER IMPROVEMENTS	1380000	47420	1332580	66.6	3.4	1,308,870-	94.8-
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5204	IMPROVEMENT OTHER TH	1380000	47420	1332580	66.6	3.4	1,308,870-	94.8-
	MACHINERY AND EQUIPMENT							
	DATA PROCESSING EQUIP. 7327							
	AGRICULTURAL EQUIPMENT 7335							
	COMMUNICATION EQUIPMEN 7355							
	OTHER EQUIPMENT 7399							
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	MACHINERY AND EQUIPM							
-----		-----	-----	-----	-----	-----	-----	-----
5204	CAPITAL OUTLAY	1380000	47420	1332580	66.6	3.4	1,308,870-	94.8-
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5204	EXPENDITURES	1415000	47420	1367580	66.6	3.3	1,343,870-	94.9-

050452 - 2015A TIF B&I-RIDGE/TURTLE CRK

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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							
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	OTHER SERVICES & CHA							
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	OTHER SERVICES & CHAR							
	BONDS REDEEMED							
	IND/ECON DEV ISSUES 8020	70000		60000	10000	66.6 85.7	20,000	28.5
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	70000		60000	10000	66.6 85.7	20,000	28.5
	INTEREST ON BONDS							
32038	IND/ECON DEV ISSUES 8120	77000		65725	11275	66.6 85.3	21,587	28.0
-----		-----	-----	-----	-----	-----	-----	-----
32038	INTEREST ON BONDS	77000		65725	11275	66.6 85.3	21,587	28.0
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420	2000		1940	60	66.6 97.0	910	45.5
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	2000		1940	60	66.6 97.0	910	45.5
-----		-----	-----	-----	-----	-----	-----	-----
32038	DEBT SERVICE	149000		127665	21335	66.6 85.6	42,497	28.5
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32038	EXPENDITURES	149000		127665	21335	66.6 85.6	42,497	28.5

050602 - 2015 TIF B&I-RIDGE/MIDTOWN MAR

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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

8 Months Ending 05/31/17

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-		15,000	
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED			10000	10000-		15,000	
	INTEREST ON BONDS							
5500	IND/ECON DEV ISSUES 8120			11275	11275-		16,912	
-----		-----	-----	-----	-----	-----	-----	-----
5500	INTEREST ON BONDS			11275	11275-		16,912	
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420			1940	1940-		2,910	
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES			1940	1940-		2,910	
-----		-----	-----	-----	-----	-----	-----	-----
5500	DEBT SERVICE			23215	23215-		34,822	
-----		-----	-----	-----	-----	-----	-----	-----
5500	EXPENDITURES			23215	23215-		34,822	

072201 - MUN.ROAD&BRIDGE-STREET DIV

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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								
1898	ENGINEERING 6015	275000		137937	137063	66.6 50.1	68,094-	24.7-
	APPRAISAL 6017							
	LEGAL 6025			400-	400		600	
	OTHER PROFESSIONAL SER 6049							
1898	PROFESSIONAL SERVICE	275000		137537	137463	66.6 50.0	68,694-	24.9-
	TRANSPORTATION							
	TRAVEL EXPENSE 6110							
TRANSPORTATION								
712691	REPR/MAINT-OUTSIDE LABO							
	STREETS & STRUCTURES R 6360	1680406	143,891	1173821	362694	66.6 69.8	80,325	4.7
	MINOR EQUIPMENT R&M 6382							
712691	REPR/MAINT-OUTSIDE L	1680406	143,891	1173821	362694	66.6 69.8	80,325	4.7
	RENTALS							
	MACHINERY RENT 6420							
RENTALS								
OTHER SERVICES & CHARGE								
	BANK SERV/TRF FEE 6832							
	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		-----	-----	-----	-----	-----	-----	-----
-----	OTHER SERVICES & CHA		-----	-----	-----	-----	-----	-----	-----
-----	OTHER SERVICES & CHAR		-----	-----	-----	-----	-----	-----	-----
714589	OTHER SERVICES & CHAR		1955406	143,891	1311358	500156	66.6 67.0	11,631	.5
	LAND								
	LAND	7000	130000			130000	66.6	130,000-	100.0-
	EASEMENTS	7010							
-----	LAND		130000			130000	66.6	130,000-	100.0-
	IMPROVEMENT OTHER THAN								
	BRIDGES	7210							
	34TH AVE PEDESTRIAN B	7210 01							
	28TH AVENUE BRIDGE	7210 02	310000			310000	66.6	310,000-	100.0-
	12TH AVENUE BRIDGE	7210 03	20000		9288	10712	66.6 46.4	6,068-	30.3-
-----	BRIDGES		330000		9288	320712	66.6 2.8	316,068-	95.7-
	DRAINS	7215							
	MOBILE ST (CDBG)	7215 14							
-----	DRAINS								
	SIDEWALKS	7225							
1149	SIDEWALKS-NON SPECIFI	7225 01	94810		16013	78797	66.6 16.8	70,790-	74.6-
	MDOT-WOODLEY,ROWAN SC	7225 02							
	LONG LEAF TRACE/KP SI	7225 03							
	HWY 49 SIDEWALKS	7225 04							
57949	MDOT-HAWKINS SCHL SID	7225 05	260980		61411	199569	66.6 23.5	168,863-	64.7-
4025	MDOT-TUSCAN AVE SIDEW	7225 06	309077		5791	303286	66.6 1.8	300,390-	97.1-
	MDOT-LLT DEPOT TO CHA	7225 07	511222			511222	66.6	511,222-	100.0-
	MDOT-J ED TURNER BIKE	7225 08	30000			30000	66.6	30,000-	100.0-
	EDWARDS ST PATHWAY	7225 09	250000			250000	66.6	250,000-	100.0-
	CAMP ST WALKING TRAIL	7225 10	250000			250000	66.6	250,000-	100.0-
	GRANT-GORDON CREEK SI	7225 11	349898			349898	66.6	349,898-	100.0-
	GORDON CREEK PATHWAYS	7225 20							
	MAMIE STREET	7225 21							
-----	SIDEWALKS		2055987		83214	1972773	66.6 4.0	1,931,165-	93.9-
63122	STREETS & ROADWAYS	7230							
	UNETTA ST BRIDGE	7230 01							
	INDUSTRIAL PARK ROADS	7230 02							
	WESTERN BELTWAY	7230 03							
	NORTH-SOUTH CORRIDOR-	7230 04							
	RAILROAD CROSSING UPG	7230 05							
	BIKE LANES	7230 06							
	MDIP-HBURG CLINIC ACC	7230 07	463868			463868	66.6	463,868-	100.0-
	MDOT-4TH ST PHASE I	7230 08							
	MDOT-4TH ST PHASE II	7230 09	1357641			1357641	66.6	1,357,641-	100.0-
	MDOT-FUTURE PROJECT	7230 10							

	E.4TH STREET	7230 11							
	LAKE FORGETFUL	7230 13	300000		300000	66.6		300,000-	100.0-
	MDA-31ST AVENUE	7230 18	160000	5425	154575	66.6	3.3	151,862-	94.9-
	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	66.6	99.9	39,066	49.9
	MDOT-34TH AVE TE	7230 40							
	MCLEOD ST BRIDGE	7230 41							
28875	BROAD ST BRIDGE	7230 42	36360	28875	7485	66.6	79.4	6,952	19.1
	MDOT-MARTIN LUTHER KI	7230 43							
	HARDY WIDENING #1-MDO	7230 48							
	RAWLS SPGS LOOP RD	7230 50							
15291	MDOT-LLT-US 49 TO MAI	7230 51	261520	201769	59751	66.6	77.1	41,133	15.7
	HARDY WIDENING #2-MDO	7230 52							
	ARRA-W PINE-B'WAY TO	7230 53							
11240	WATER TANK ACCESS RD	7230 54	166767	151262	15505	66.6	90.7	60,126	36.0
	CORRIDOR/INTERSECT.IM	7230 75							
	CHAUVET SQUARE PROJEC	7230 81							
	OTHER STREET IMPR.	7230 99							
55406	STREETS & ROADWAYS		2824295	465468	2358827	66.6	16.4	2,126,093-	75.2-
	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		66.6	100.0	1,951	49.9
	TRAF.SIGNAL-USM/4TH S	7295 55							
	OTHER IMPROVEMENTS		3903	3903		66.6	100.0	1,951	49.9
118528	IMPROVEMENT OTHER TH		5214185	561873	4652312	66.6	10.7	4,371,375-	83.8-
	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								

118528	CAPITAL OUTLAY	5344185		561873	4782312	66.6	10.5	4,501,375-	84.2-
-----		-----	-----	-----	-----	-----	-----	-----	-----
833117	EXPENDITURES	7299591	143,891	1873231	5282468	66.6	25.6	4,489,744-	61.5-

072460 - MUN.R&B FUND-CAPITAL LEASES

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
<u>CAPITAL LEASE PAYMENTS</u>								
	TRACTOR LEASE '11 8512							
	BACKHOE LEASE '11 8514							
-----		-----	-----	-----	-----	-----	-----	-----
CAPITAL LEASE PAYMEN								
INTEREST ON CAPITAL LEA								
	TRACTOR LEASE '11 8612							
	BACKHOE LEASE '11 8614							
-----		-----	-----	-----	-----	-----	-----	-----
INTEREST ON CAPITAL								
-----		-----	-----	-----	-----	-----	-----	-----
DEBT SERVICE								
-----		-----	-----	-----	-----	-----	-----	-----
EXPENDITURES								

CITY OF HATTIESBURG
EXPENDITURE REPORT

8 Months Ending 05/31/17

REMAINING	PERCENT	PROJECTED....	
BALANCE	PLAN ACTUAL	OVER/UNDER	%

OBJ/SUB

T/T COMMUNITY DEVELOPM 9000 82

EXPENDITURES

073570 - MASS TRANSIT-TRANSPORTATION

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
34171	REGULAR WAGES 4000	588351		281707	306644	66.6 47.8	165,790-	28.1-
	DISASTER RECOVERY WAGE 4010			6564	6564-		9,846	
4908	OVERTIME 4300	55000		34768	20232	66.6 63.2	2,848-	5.1-
	DISASTER RECOVERY OVER 4310			2059	2059-		3,088	
39079	SALARIES	643351		325098	318253	66.6 50.5	155,703-	24.2-
EMPLOYEE BENEFITS								
6155	STATE RETIREMENT 4600	98965		51203	47762	66.6 51.7	22,160-	22.3-
2840	F.I.C.A. TAXES 4700	46660		23672	22988	66.6 50.7	11,152-	23.9-
8000	HOSPITALIZATION INS. 4800	132800		82400	50400	66.6 62.0	9,200-	6.9-
	UNEMPLOYMENT BENEFITS 4900	6110		6110		66.6 100.0	3,055	50.0
	WORKMAN'S COMPENSATION 4910	13316			13316	66.6	13,316-	100.0-
16995	EMPLOYEE BENEFITS	297851		163385	134466	66.6 54.8	52,773-	17.7-
56074	PERSONAL SERVICES	941202		488483	452719	66.6 51.8	208,477-	22.1-
OFFICE SUPPLIES								
	PAPER 5003	300			300	66.6	300-	100.0-
	PRINTED FORMS 5005	100		90	10	66.6 90.0	35	35.0
	OTHER EXPENDABLE OFF.S 5010	2000	183	1208	609	66.6 60.4	188-	9.4-
	MINOR OFFICE EQUIP/FUR 5020	2400	575	389	1436	66.6 16.2	1,816-	75.6-
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
397	COMPUTER SUPPLIES 5080	1500		577	923	66.6 38.4	634-	42.2-
397	OFFICE SUPPLIES	6300	758	2264	3278	66.6 35.9	2,904-	46.0-
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100	1300		1175	125	66.6 90.3	462	35.5
	FOOD 5115	1000			1000	66.6	1,000-	100.0-
	MEDICAL SUPPLIES 5120							
	CHEMICALS 5130	600			600	66.6	600-	100.0-
1970	GAS AND OIL 5250	10000	18	6582	3400	66.6 65.8	126-	1.2-
	LUBRICANTS 5255	500		190	310	66.6 38.0	214-	42.8-
4636	DIESEL FUEL 5257	120000		38067	81933	66.6 31.7	62,899-	52.4-
	OTHER FUEL 5260							
	WEARING APPAREL 5355	1800			1800	66.6	1,800-	100.0-
	CONCRETE, CEMENT, ETC. 5405	3000			3000	66.6	3,000-	100.0-
	SAND,CLAY,GRVL,FILL DI 5415							
	HAND TOOLS 5450	500		134	366	66.6 26.8	298-	59.6-
	MINOR EQUIPMENT 5460							
899	OTHER OPERATING MATL/S 5590	3700	350	1046	2304	66.6 28.2	2,130-	57.5-

7504	OPERATING SUPPLIES		142400	368	47194	94838	66.6	33.1	71,608-	50.2-
	REPAIR & MAINTENANCE SP									
	BUILDING MATERIALS & S	5600	700		70	630	66.6	10.0	594-	84.8-
	ELECTRICAL SUPPLIES	5605	500		360	140	66.6	72.0	40	8.0
	PLUMBING SUPPLIES	5610	500			500	66.6		500-	100.0-
	PAINT AND PAINTING SPL	5650	500			500	66.6		500-	100.0-
	MTR VEHICLE REP. PTS/S	5700	1600	4	548	1048	66.6	34.2	778-	48.6-
	REPAIR PARTS - BUSES	5710								
764	REPAIR PARTS - FIXED R	5710 01	50000	3,017	28171	18812	66.6	56.3	7,743-	15.4
220	REPAIR PARTS - PARATRA	5710 02	10000	534	2442	7023	66.6	24.4	6,336-	63.3-
	COMMUNICATION REPAIR P	5750	1000			1000	66.6		1,000-	100.0-
	AGRICLTRL REPAIR PTS/S	5755								
	OTHER REPAIR/MAINT. SP	5990	2000	52	1436	512	66.6	71.8	154	7.7
983	REPAIR & MAINTENANCE		66800	3,607	33028	30164	66.6	49.4	17,258-	25.8-
8885	SUPPLIES AND EXPENSES		215500	4,733	82486	128280	66.6	38.2	91,770-	42.5-
	PROFESSIONAL SERVICES									
	AUDITING AND ACCOUNTIN	6010								
	CONSULTANT SERV/SURVEY	6020								
	BUILDING/BUS SECURITY	6021	11000		240	10760	66.6	2.1	10,640-	96.7-
	MEDICAL	6027								
	OTHER PROFESSIONAL SER	6049	19300	410	2670	16220	66.6	13.8	15,294-	79.2-
	PROFESSIONAL SERVICE		30300	410	2910	26980	66.6	9.6	25,934-	85.5-
	COMMUNICATIONS									
657	TELEPHONE AND TELEGRAP	6060	6500		5948	552	66.6	91.5	2,422	37.2
	POSTAGE	6070	200			200	66.6		200-	100.0-
657	COMMUNICATIONS		6700		5948	752	66.6	88.7	2,222	33.1
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	5000		2418	2582	66.6	48.3	1,372-	27.4-
20	FREIGHT	6120	1300	65	523	712	66.6	40.2	515-	39.6-
	MESSENGER/EXPRESS SERV	6130								
20	TRANSPORTATION		6300	65	2941	3294	66.6	46.6	1,888-	29.9-
	ADVERTISING									
	ADVERTISING	6150	10000			10000	66.6		10,000-	100.0-
	ADVERTISING		10000			10000	66.6		10,000-	100.0-
	PRINTING AND BINDING									
	PRINTING	6200	2000		395	1605	66.6	19.7	1,407-	70.3-
	PRINTING AND BINDING		2000		395	1605	66.6	19.7	1,407-	70.3-
	INSURANCE									
	PUBLIC LIAB/PROPERTY D	6255	50000		47546	2454	66.6	95.0	21,319	42.6
	AUTOMOBILE INSURANCE	6265								
	SURETY AND FORGERY BON	6270								
	INSURANCE		50000		47546	2454	66.6	95.0	21,319	42.6
	UTILITIES									

OTHER IMPROVEMENTS									
IMPROVEMENT OTHER TH MACHINERY AND EQUIPMENT									
OFFICE FURN/EQUIP.	7325	10000		10000	66.6			10,000-	100.0-
DATA PROCESSING EQUIP.	7327								
ARRA-DP EQUIP/SOFTWARE	7328								
AGRICULTURAL EQUIPMENT	7335								
COMMUNICATION EQUIPMEN	7355	25000	8675	16325	66.6	34.7		11,987-	47.9-
ARRA-COMMUNICATION EQU	7356								
ARRA-GPS EQUIPMENT	7357								
MAJOR EQUIP. IMPROVEME	7390								
OTHER EQUIPMENT	7399								
MACHINERY AND EQUIPM		35000	8675	26325	66.6	24.7		21,987-	62.8-
VEHICLES									
AUTOMOBILES	7400								
BUSES	7410	331318	321042	10276	66.6	96.8		150,245	45.3
ARRA-TROLLEYS	7415								
SPECIAL TRUCKS	7450								
VEHICLES		331318	321042	10276	66.6	96.8		150,245	45.3
CAPITAL OUTLAY		1001884	329717	672167	66.6	32.9		507,308-	50.6-
75127	EXPENDITURES	2711640	53,698	1053060	1604880	66.6	38.8	1,132,050-	41.7-

075695 - W&S CONSTR.-CAPITAL PROJECTS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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								
22601	ENGINEERING 6015	316750		236170	80580	66.6 74.5	37,505	11.8
	ENGINEERING-I&I STUDY 6015 01	1000000		204784	795216	66.6 20.4	692,824-	69.2-
	LEGAL 6025							
	OTHER PROFESSIONAL SER 6049							
-----		-----	-----	-----	-----	-----	-----	-----
22601	PROFESSIONAL SERVICE	1316750		440953	875797	66.6 33.4	655,320-	49.7-
	REPR/MAINT-OUTSIDE LABO							
	STREETS & STRUCTURES R 6360							
-----		-----	-----	-----	-----	-----	-----	-----
REPR/MAINT-OUTSIDE L								
OTHER SERVICES & CHARGE								
	SETTLEMT OF DAMAGE CLA 6700							
	BANK SERV/TRF FEE 6832	100			100	66.6	100-	100.0-
10313	SERVICES NOT SPECIFIED 6999	183250		173813	9437	66.6 94.8	77,469	42.2
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10313	OTHER SERVICES & CHA	183350		173813	9537	66.6 94.7	77,369	42.1
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32914	OTHER SERVICES & CHAR	1500100		614766	885334	66.6 40.9	577,950-	38.5-
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							
143587	PROGRAMMED SEWER PROJ	7220	99	1000000	809103	190897	66.6	80.9	213,654	21.3
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143587	SEWERS			1000000	809103	190897	66.6	80.9	213,654	21.3
	STREETS & ROADWAYS	7230								
	1995 W&S-PAVING	7230	01							
-----				-----	-----	-----	-----	-----	-----	-----
	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	66.6	99.4	44,708	49.1
1380	PROGRAMMED WATER PROJ	7245	99	909000	53001	855999	66.6	5.8	829,498-	91.2-
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1380	WATER SYSTEMS			1000000	143473	856527	66.6	14.3	784,790-	78.4-
	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	-----	173864	76136	66.6 69.5	10,796	4.3
			-----	-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS		250000	-----	173864	76136	66.6 69.5	10,796	4.3
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144967	IMPROVEMENT OTHER TH		2250000		1126439	1123561	66.6 50.0	560,341-	24.9-
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP.	7325							
	PIPE	7370							
	OTHER EQUIPMENT	7399							
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	MACHINERY AND EQUIPM								
-----			-----	-----	-----	-----	-----	-----	-----
144967	CAPITAL OUTLAY		2250000		1126439	1123561	66.6 50.0	560,341-	24.9-
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177881	EXPENDITURES		3750100		1741206	2008894	66.6 46.4	1,138,290-	30.3-

077650 - COMMUNITY CTR-ADMIN/GENERAL

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
26809	REGULAR WAGES 4000	348510		222181	126329	66.6 63.7	15,238-	4.3-
	DISASTER RECOVERY WAGE 4010			591	591-		886	
743	OVERTIME 4300	13000		7373	5627	66.6 56.7	1,940-	14.9-
	DISASTER RECOVERY OVER 4310			293	293-		439	
27552	SALARIES	361510		230439	131071	66.6 63.7	15,851-	4.3-
EMPLOYEE BENEFITS								
4339	STATE RETIREMENT 4600	56938		36294	20644	66.6 63.7	2,496-	4.3-
2060	F.I.C.A. TAXES 4700	27656		17268	10388	66.6 62.4	1,754-	6.3-
7000	HOSPITALIZATION INS. 4800	92400		60200	32200	66.6 65.1	2,100-	2.2-
	UNEMPLOYMENT BENEFITS 4900	500			500	66.6	500-	100.0-
	WORKMAN'S COMPENSATION 4910	12675			12675	66.6	12,675-	100.0-
13399	EMPLOYEE BENEFITS	190169		113762	76407	66.6 59.8	19,525-	10.2-
40950	PERSONAL SERVICES	551679		344201	207478	66.6 62.3	35,377-	6.4-
OFFICE SUPPLIES								
	PAPER 5003							
	PRINTED FORMS 5005							
45	OTHER EXPENDABLE OFF.S 5010	1000		353	647	66.6 35.3	470-	47.0-
	MINOR OFFICE EQUIP/FUR 5020	1000			1000	66.6	1,000-	100.0-
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
45	OFFICE SUPPLIES	2000		353	1647	66.6 17.6	1,470-	73.5-
OPERATING SUPPLIES								
926	CLEANING/JANITORIAL SP 5100	10000		5671	4329	66.6 56.7	1,493-	14.9-
	HOUSEHOLD SUPPLIES 5110							
	FOOD 5115							
	MEDICAL SUPPLIES 5120	250			250	66.6	250-	100.0-
	CHEMICALS 5130							
137	GAS AND OIL 5250	9000		2091	6909	66.6 23.2	5,863-	65.1-
	WEARING APPAREL 5355	500			500	66.6	500-	100.0-
	HORT./LANDSCAPING SPLY 5440	2800		1401	1399	66.6 50.0	698-	24.9-
	HAND TOOLS 5450							
	MINOR EQUIPMENT 5460	12500		5466	7034	66.6 43.7	4,300-	34.4-
	MDSE FOR RESALE 5520							
	OTHER OPERATING MATL/S 5590	11000			11000	66.6	11,000-	100.0-
1063	OPERATING SUPPLIES	46050		14629	31421	66.6 31.7	24,106-	52.3-
	REPAIR & MAINTENANCE SP							

	BUILDING MATERIALS & S	5600	5000		457	4543	66.6	9.1	4,314-	86.2-
312	ELECTRICAL SUPPLIES	5605	5000		1102	3898	66.6	22.0	3,346-	66.9-
	PLUMBING SUPPLIES	5610	4000		535	3465	66.6	13.3	3,197-	79.9-
	PAINT AND PAINTING SPL	5650	2000			2000	66.6		2,000-	100.0-
476	MTR VEHICLE REP. PTS/S	5700	2000		1908	92	66.6	95.4	862	43.1
277	OTHER REPAIR/MAINT. SP	5990	1000		624	376	66.6	62.4	64-	6.4-
1065	REPAIR & MAINTENANCE		19000		4626	14374	66.6	24.3	12,060-	63.4-
2174	SUPPLIES AND EXPENSES		67050		19608	47442	66.6	29.2	37,638-	56.1-
	PROFESSIONAL SERVICES									
	ENTERTAINMENT	6033								
360	OTHER PROFESSIONAL SER	6049	8000		3180	4820	66.6	39.7	3,230-	40.3-
360	PROFESSIONAL SERVICE		8000		3180	4820	66.6	39.7	3,230-	40.3-
	COMMUNICATIONS									
120	TELEPHONE AND TELEGRAP	6060	3000	2,183	381	436	66.6	12.7	2,428-	80.9-
	POSTAGE	6070								
120	COMMUNICATIONS		3000	2,183	381	436	66.6	12.7	2,428-	80.9-
	TRANSPORTATION									
	TRAVEL EXPENSE	6110								
	FREIGHT	6120								
	TRANSPORTATION									
	ADVERTISING									
	ADVERTISING	6150								
	ADVERTISING									
	PRINTING AND BINDING									
	PRINTING	6200								
	FILM PROCESSING	6240								
	PRINTING AND BINDING									
	INSURANCE									
	BOILER MACHINERY	6260								
	AUTOMOBILE INSURANCE	6265								
	INSURANCE									
	UTILITIES									
225	GAS	6300	8000		6349	1651	66.6	79.3	1,523	19.0
5876	ELECTRICITY	6305	82000		42715	39285	66.6	52.0	17,927-	21.8-
6101	UTILITIES		90000		49064	40936	66.6	54.5	16,404-	18.2-
	REPR/MAINT-OUTSIDE LABO									
	BUILDING R&M	6350	16510	4,850	4737	6923	66.6	28.6	9,404-	56.9-
	ELECTRICAL R&M	6355								
	PLUMBING EQUIPMENT R&M	6357	2250		756	1494	66.6	33.6	1,116-	49.6-
	OFFICE EQUIPMENT R&M	6365								
	HOUSEHOLD EQUIPMENT R&	6370	9000		1546	7454	66.6	17.1	6,680-	74.2-
1880	FIXED EQUIPMENT R&M	6380	12250	4,990	4727	2533	66.6	38.5	5,159-	42.1-

	MINOR EQUIPMENT R&M	6382	600		600	66.6		600-	100.0-
	MOTOR VEHICLE EQ. R&M	6384	1750	131	1619	66.6	7.4	1,553-	88.7-
	CLEANING AND PAINTING	6392	12500		12500	66.6		12,500-	100.0-
	DISINFECT./EXTERMINATI	6394	7000	1603	5397	66.6	22.9	4,595-	65.6-
	TOW IN CHARGES	6398	250		250	66.6		250-	100.0-
	OTHER REPAIRS AND MAIN	6399	4900	1610	3290	66.6	32.8	2,484-	50.6-
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1880	REPR/MAINT-OUTSIDE L		67010	9,840	15109	42061	66.6 22.5	44,346-	66.1-
	RENTALS								
	OFFICE EQUIPMENT RENT	6410							
	CYLINDER RENT	6425							
216	UNIFORM RENT	6430	3000	1743	1257	66.6	58.1	385-	12.8-
	MOP-MAT-RAG RENT	6435							
	OTHER RENT	6449							
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216	RENTALS		3000	1743	1257	66.6	58.1	385-	12.8-
	OTHER SERVICES & CHARGE								
	BANK SERV/TRF FEE	6832	50	28	22	66.6	56.0	8-	16.0-
	DUES AND MEMBERSHIPS	6840							
	REGISTRATION FEE/TUITI	6845	1000		1000	66.6		1,000-	100.0-
	PAYMENTS-TOURING EVENT	6997							
	SPECIAL EVENTS EXPENDI	6998							
	SERVICES NOT SPECIFIED	6999	2950		2950	66.6		2,950-	100.0-
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	OTHER SERVICES & CHA		4000	28	3972	66.6	.7	3,958-	98.9-
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8677	OTHER SERVICES & CHAR		175010	12,023	69505	93482	66.6 39.7	70,752-	40.4-
	BUILDING/BLD IMPROVEMEN								
	BUILDING IMPROVEMENTS	7150							
	REC.CENTER (OLD YMCA)	7150 10	27250		27250	66.6		27,250-	100.0-
	CULTURAL CTR	7150 14							
	JDS COMM CTR	7150 19	77500	48,800	28700	66.6		77,500-	100.0-
	SIGLER CENTER	7150 20							
	CE ROY/5TH ST	7150 21	5400	5400		66.6	100.0	2,700	50.0
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	BUILDING IMPROVEMEN		110150	48,800	5400	55950	66.6 4.9	102,050-	92.6-
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	BUILDING/BLD IMPROVE		110150	48,800	5400	55950	66.6 4.9	102,050-	92.6-
	IMPROVEMENT OTHER THAN								
	OTHER IMPROVEMENTS	7295							
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	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	HOUSEHOLD FURN/EQUIP.	7320	20000		20000	66.6		20,000-	100.0-
	OFFICE FURN/EQUIP.	7325							
	COMMUNICATION EQUIPMEN	7355							
	OTHER EQUIPMENT	7399							
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	MACHINERY AND EQUIPM		20000		20000	66.6		20,000-	100.0-
	VEHICLES								
	AUTOMOBILES	7400							

	PICK UP TRUCKS	7420							
	VEHICLES								
	CAPITAL OUTLAY	130150	48,800	5400	75950	66.6	4.1	122,050-	93.7-
51801	EXPENDITURES	923889	60,823	438714	424352	66.6	47.4	265,817-	28.7-

CITY OF HATTIESBURG
EXPENDITURE REPORT

8 Months Ending 05/31/17

ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	PROJECTED....
BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN ACTUAL	OVER/UNDER %

078635 - '09 WATER METER PROJ-CIP

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES							
9195	REGULAR WAGES 4000	112225		79555	32670	66.6 70.8	7,107	6.3
	OVERTIME 4300							
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9195	SALARIES	112225		79555	32670	66.6 70.8	7,107	6.3
	EMPLOYEE BENEFITS							
1448	STATE RETIREMENT 4600	17675		12530	5145	66.6 70.8	1,120	6.3
682	F.I.C.A. TAXES 4700	8585		5910	2675	66.6 68.8	280	3.2
1605	HOSPITALIZATION INS. 4800	26400		16408	9992	66.6 62.1	1,788-	6.7-
	UNEMPLOYMENT BENEFITS 4900	500			500	66.6	500-	100.0-
	WORKMAN'S COMPENSATION 4910	3375			3375	66.6	3,375-	100.0-
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3734	EMPLOYEE BENEFITS	56535		34848	21687	66.6 61.6	4,263-	7.5-
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12929	PERSONAL SERVICES	168760		114402	54358	66.6 67.7	2,843	1.6
	OFFICE SUPPLIES							
	PAPER 5003	500			500	66.6	500-	100.0-
	PRINTED FORMS 5005							
183	OTHER EXPENDABLE OFF.S 5010	1000		953	47	66.6 95.3	429	42.9
	MINOR OFFICE EQUIP/FUR 5020	1500		1308	192	66.6 87.2	462	30.8
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080							
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183	OFFICE SUPPLIES	3000		2261	739	66.6 75.3	391	13.0
	OPERATING SUPPLIES							
	FOOD 5115							
108	GAS AND OIL 5250	1100		581	519	66.6 52.8	228-	20.7-
	LUBRICANTS 5255							
187	MINOR EQUIPMENT 5460	500		394	106	66.6 78.8	91	18.2
	OTHER OPERATING MATL/S 5590	300	40	43	217	66.6 14.3	235-	78.3-
	OTHER OPER.MATLS-FULL 5591	100		5	95	66.6 5.0	92-	92.0-
	OTHER OPER.MATLS-EMER 5592							
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295	OPERATING SUPPLIES	2000	40	1024	936	66.6 51.2	464-	23.2-
	REPAIR & MAINTENANCE SP							
	BUILDING MATERIALS & S 5600							
	PAINT AND PAINTING SPL 5650							
	MTR VEHICLE REP. PTS/S 5700	600	117	369	115	66.6 61.5	46-	7.6-
	MINOR COMPUTER EQUIP. 5800							
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	REPAIR & MAINTENANCE	600	117	369	115	66.6 61.5	46-	7.6-

478	SUPPLIES AND EXPENSES	5600	157	3653	1790	66.6	65.2	120-	2.1-
	PROFESSIONAL SERVICES								
	AUDITING AND ACCOUNTIN 6010								
	DEMO/RELATED SER 2008- 6013								
	DEMOLITION-TARGET ARE 6013 01	7000			7000-	66.6		7,000-	100.0-
	ASBESTOS REMOVAL-TARG 6013 02	7000			7000	66.6		7,000-	100.0-
	LOT CLEARING-TARGET A 6013 03								
	DEMO/RELATED SER 20								
	CONSULTANT SERV/SURVEY 6020								
	OTHER PROFESSIONAL SER 6049								
	COMM.HOUSING DEV. ORG 6049 03	56625	11,212	56625	11212-	66.6	100.0	28,312	49.9
	DOWNTOWN LIGHTING 6049 04								
	RECORDING FEES 6049 06	400			400	66.6		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	66.6		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	66.6		7,000-	100.0-
	ASBESTOS TESTING/ABAT 6049 23								
940	INTERIM ASSISTANCE 6049 24	10000		940	9060	66.6	9.4	8,590-	85.9-
	OTHER 6049 99	2000		1161	839	66.6	58.0	258-	12.9-
940	OTHER PROFESSIONAL	104017	18,112	58726	27178	66.6	56.4	15,927-	15.3-
940	PROFESSIONAL SERVICE	104017	18,112	58726	27178	66.6	56.4	15,927-	15.3-
	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP 6060	450		66	384	66.6	14.6	350-	77.7-
	COMMUNICATIONS	450		66	384	66.6	14.6	350-	77.7-
75-	TRANSPORTATION								
	TRAVEL EXPENSE 6110	5000		1075	3925	66.6	21.5	3,387-	67.7-
	MESSENGER/EXPRESS SERV 6130								
75-	TRANSPORTATION	5000		1075	3925	66.6	21.5	3,387-	67.7-
	ADVERTISING								
	ADVERTISING 6150	350			350	66.6		350-	100.0-
	ADVERTISING	350			350	66.6		350-	100.0-

PRINTING AND BINDING
 PRINTING-GRANT RELATED 6202
 FILM PROCESSING 6240

-----	PRINTING AND BINDING	-----	-----	-----	-----	-----	-----	-----	-----
	REPR/MAINT-OUTSIDE LABO								
	OFFICE EQUIPMENT R&M 6365	700		700	66.6		700-	100.0-	
	MOTOR VEHICLE EQ. R&M 6384	300	214	86	66.6	71.3	21	7.0	
-----		-----	-----	-----	-----	-----	-----	-----	-----
	REPR/MAINT-OUTSIDE L	1000	214	786	66.6	21.4	678-	67.8-	
	RENTALS								
	OFFICE EQUIPMENT RENT 6410	3000	2423	577	66.6	80.7	634	21.1	
	OTHER RENT 6449								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	RENTALS	3000	2423	577	66.6	80.7	634	21.1	
	OTHER SERVICES & CHARGE								
	EXHIBITIONS & PROMOTIO 6500								
	DISABILITY AWARENESS 6500 02								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	EXHIBITIONS & PROMO								
	BANK SERV/TRF FEE 6832								
	DUES AND MEMBERSHIPS 6840	1000	205	795	66.6	20.5	692-	69.2-	
	REGISTRATION FEE/TUITI 6845	1200	650	550	66.6	54.1	224-	18.6-	
	SERVICES NOT SPECIFIED 6999								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA	2200	855	1345	66.6	38.8	917-	41.6-	
-----		-----	-----	-----	-----	-----	-----	-----	-----
866	OTHER SERVICES & CHAR	116017	18,112	63359	66.6	54.6	20,978-	18.0-	

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	-----	-----	-----	-----	-----	-----	-----
-----	STREETS & ROADWAYS								
	CDBG/HOME HOUSING	7254							
	CDBG FULL REHAB	7254 01	340903		150815	190088	66.6	44.2	114,680-
	CDBG HOUSING REPR	7254 02	111900		10000	101900	66.6	8.9	96,900-
38675	HOME FULL REHAB	7254 03	210089	12,600	38675	158814	66.6	18.4	152,076-
	HOME DOWNPAYMENT ASST	7254 04	50000	6,102	32111	11787	66.6	64.2	1,833-
	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							
3013	MICROENTERPRISE PROGR	7254 13	37934		5331	32603	66.6	14.0	29,937-
-----	-----								
41688	CDBG/HOME HOUSING		750826	18,702	236932	495192	66.6	31.5	395,428-
	CDBG-ENTITLEMT ASSISTA	7285							
	HOME ENTITLEMT ASSISTA	7286							
	TENANT BASED RENTAL A	7286 01	3302		1460	1842	66.6	44.2	1,112-
-----	-----								
	HOME ENTITLEMT ASSI		3302		1460	1842	66.6	44.2	1,112-
	MDA AM DREAM D/P (ADDI	7287							
	OTHER IMPROVEMENTS	7295	120066		120066		66.6	100.0	60,033
-----	-----								
41688	IMPROVEMENT OTHER TH		874194	18,702	358458	497034	66.6	41.0	336,506-
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
-----	-----								
	MACHINERY AND EQUIPM								
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
-----	-----								
	VEHICLES								
-----	-----								
41688	CAPITAL OUTLAY		874194	18,702	358458	497034	66.6	41.0	336,506-
-----	-----								
55960	EXPENDITURES		1164571	36,971	539873	587727	66.6	46.3	354,761-

CITY OF HATTIESBURG
EXPENDITURE REPORT

8 Months Ending 05/31/17

THIS MONTH
ACTUAL

OBJ/SUB

T/T W & S CONSTRUCTION 9000 75

EXPENDITURES

087500 - INDUSTRIAL PK-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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-		411,316	
	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-	-----	411,316	-----
-----	TRANSFERS	-----	-----	274211	274211-	-----	411,316	-----
-----	EXPENDITURES	-----	-----	274211	274211-	-----	411,316	-----

CITY OF HATTIESBURG
EXPENDITURE REPORT

8 Months Ending 05/31/17

OBJ / SUB

.....PROJECTED.....
OVER/UNDER %

529

529

529

2,625

11,970

585,000

585,000

612,316

ADVERTISING 6150

ADVERTISING 6150

ADVERTISING								
PRINTING AND BINDING								
PRINTING	6200							
PRINTING AND BINDING								
INSURANCE								
FIRE & EXTENDED COVERA	6250							
PUBLIC LIAB/PROPERTY D	6255			12375	12375-		18,562	
OTHER INSURANCE	6299							
INSURANCE				12375	12375-		18,562	
UTILITIES								
GAS	6300							
ELECTRICITY	6305							
WATER	6315							
UTILITIES								
REPR/MAINT-OUTSIDE LABO								
BUILDING R&M	6350							
SIGN PAINTING	6396			5879	5879-		8,818	
OTHER REPAIRS AND MAIN	6399							
LANDSCAPE MAINTENANCE	6399 01			360	360-		540	
RAIL SPURS MAINTENANCE	6399 02			6955	6955-		10,432	
REPR/MAINT-OUTSIDE L				13194	13194-		19,791	
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								
195000	OTHER SERVICES & CHAR			433780	433780-		650,670	
LAND								
LAND	7000			5000	5000-		7,500	
LEASEHOLDS	7020							
LAND				5000	5000-		7,500	
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	-----	-----	-----	-----	-----	-----	-----
-----	CAPITAL OUTLAY	-----	-----	5000	5000-	-----	7,500	-----
-----	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	-----	-----	-----	-----	-----	-----	-----
-----	EXPENDITURES	-----	-----	439133	439133-	-----	658,699	-----
195000								

087630 - INDUSTRIAL PK-KOHLER PROJECT

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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

8 Months Ending 05/31/17

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

8 Months Ending 05/31/17

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	66.6	2,800,000-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE	2800000			2800000	66.6	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	66.6	2,800,000-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	2800000			2800000	66.6	2,800,000-	100.0-

088603 - PUBLIC SAFETY/REC CONSTRUCTION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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	66.6	3,750,000- 100.0-
RECREATION ADMIN BLDG	7100 14	1300000			1300000	66.6	1,300,000- 100.0-
MUNICIPAL COURT BLDG	7100 15						
FIRE ADMINISTRATION	7100 21						
POLICE DEPARTMENT	7100 22	17150000			17150000	66.6	17,150,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
BUILDINGS		22200000			22200000	66.6	22,200,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
BUILDING/BLD IMPROVE		22200000			22200000	66.6	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	66.6	22,200,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
EXPENDITURES		22200000			22200000	66.6	22,200,000- 100.0-

089500 - MDA ENERGY EFFICIENCY CAP PROJ

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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

8 Months Ending 05/31/17

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	66.6	3,000- 100.0-
OTHER PROFESSIONAL SER	6049						
-----		-----	-----	-----	-----	-----	-----
PROFESSIONAL SERVICE							
PRINTING AND BINDING		3000			3000	66.6	3,000- 100.0-
PRINTING	6200						
-----		-----	-----	-----	-----	-----	-----
PRINTING AND BINDING							
OTHER SERVICES & CHARGE							
SERVICES NOT SPECIFIED	6999						
-----		-----	-----	-----	-----	-----	-----
OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----
OTHER SERVICES & CHAR							
-----		3000			3000	66.6	3,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
EXPENDITURES							
		3000			3000	66.6	3,000- 100.0-

089603 - MDA ENERGY EFFICIENCY CAP PROJ

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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							
75471	LIGHTING UPGRADE-GEN 7295 56	452208	107,469	344710	29	66.6 76.2	64,857	14.3
23062	LIGHTING UPGRADE-ENTE 7295 57	138982	26,460	112522		66.6 80.9	29,801	21.4
15000	ENERGY MGTMT CTRL SYS 7295 58	122770	31,560	91172	38	66.6 74.2	13,988	11.3
	ENERGY MGTMT CTRL SYS 7295 59	1000	1,000	1000	1000-	66.6 100.0	500	50.0
24529	BOILER REPLACEMENT-EN 7295 60	58529	2,000	56529		66.6 96.5	26,264	44.8
	SMALL UNITARY EQUIP R 7295 61		38,000	38000	76000-		57,000	
145000	CITY HALL HVAC UPGRAD 7295 62	198764	1,000	197764		66.6 99.4	97,882	49.2
	JACKIE DOLE HVAC UPGR 7295 63		31,556	31556	63112-		47,334	
10000	WATER TRTMT PLT CTRL 7295 64	320711	40,000	280711		66.6 87.5	100,355	31.2
6699	LIFT STATION CTRL UPG 7295 65	353052	50,000	303052		66.6 85.8	101,526	28.7
21556	WATER CONSERVATION OP 7295 66	458166	137,968	320169	29	66.6 69.8	22,087	4.8
	SOLAR PHOTO-VOLTAIC S 7295 67	267038	10,000	13221	243817	66.6 4.9	247,206-	92.5-
	OTHER REPAIRS/LEAKS 7295 68	64518			64518	66.6	64,518-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
321317	OTHER IMPROVEMENTS	2435738	477,013	1790406	168319	66.6 73.5	249,871	10.2
-----		-----	-----	-----	-----	-----	-----	-----
321317	IMPROVEMENT OTHER TH	2435738	477,013	1790406	168319	66.6 73.5	249,871	10.2
-----		-----	-----	-----	-----	-----	-----	-----
321317	CAPITAL OUTLAY	2435738	477,013	1790406	168319	66.6 73.5	249,871	10.2
-----		-----	-----	-----	-----	-----	-----	-----
321317	EXPENDITURES	2435738	477,013	1790406	168319	66.6 73.5	249,871	10.2

090500 - 2008 D/T LIGHTING-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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

8 Months Ending 05/31/17

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

8 Months Ending 05/31/17

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

8 Months Ending 05/31/17

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-		210,106	
T/T RIDGE AT TURTLE CR	9000 50			61020	61020-		91,530	
T/T MIDTOWN MARKET	9000 51			10500	10500-		15,750	
-----		-----	-----	-----	-----	-----	-----	-----
TRANSFERS TO OTHER F				211591	211591-		317,386	
-----		-----	-----	-----	-----	-----	-----	-----
TRANSFERS				211591	211591-		317,386	
-----		-----	-----	-----	-----	-----	-----	-----
EXPENDITURES				211591	211591-		317,386	

091602 - TIF CONST-ISSUE EXP

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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

8 Months Ending 05/31/17

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

8 Months Ending 05/31/17

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							
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F							
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSFERS							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

093602 - 2016 W&S SYSTEMS PROJ-ISSUE EX

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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		66.6 100.0	97,250	50.0
	OTHER PROFESSIONAL SER 6049	119500		111000	8500	66.6 92.8	47,000	39.3
-----		-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE	314000		305500	8500	66.6 97.2	144,250	45.9
	OTHER SERVICES & CHARGE							
	SERVICES NOT SPECIFIED 6999			8500	8500-		12,750	
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA			8500	8500-		12,750	
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR	314000		314000		66.6 100.0	157,000	50.0
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	314000		314000		66.6 100.0	157,000	50.0

093695 - 2016 W&S SYSTEMS PROJ-CONSTRUC

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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								
3465	ENGINEERING 6015	1000000		3465	996535	66.6 .3	994,802-	99.4-
	LEGAL 6025							
	OTHER PROFESSIONAL SER 6049							
-----		-----	-----	-----	-----	-----	-----	-----
3465	PROFESSIONAL SERVICE	1000000		3465	996535	66.6 .3	994,802-	99.4-
	REPR/MAINT-OUTSIDE LABO							
	STREETS & STRUCTURES R 6360							
-----		-----	-----	-----	-----	-----	-----	-----
	REPR/MAINT-OUTSIDE L							
	OTHER SERVICES & CHARGE							
	SERVICES NOT SPECIFIED 6999							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
3465	OTHER SERVICES & CHAR	1000000		3465	996535	66.6 .3	994,802-	99.4-
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							
50145	SEWER PHASE V 7220 54	50145		50145		66.6 100.0	25,072	49.9
61235	LAKE FORGETFUL RD 7220 62	61235		61235		66.6 100.0	30,617	49.9
82575	30TH & CHEVY CHASE 7220 63	82575		82575		66.6 100.0	41,287	49.9
	LAMAR BOULEVARD 7220 64							
93270	SEWER PHASE VIII 7220 70	93270		93270		66.6 100.0	46,635	50.0
	SEWER PHASE IX 7220 71							
2188	SEWER PHASE X 7220 72	2188		2188	1	66.6 100.0	1,094	50.0
	SEWER PHASE XI 7220 73							
	CCTV SEWER INSPECTION 7220 96							
	LAGOON DREDGING LOAN 7220 97							
-----		-----	-----	-----	-----	-----	-----	-----
289413	SEWERS	289413		289413	1	66.6 100.0	144,706	49.9
	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	23396587			23396587	66.6		23,396,587-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS	23396587			23396587	66.6		23,396,587-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----	-----
289413	IMPROVEMENT OTHER TH	23686000		289413	23396588	66.6	1.2	23,251,880-	98.1-
-----		-----	-----	-----	-----	-----	-----	-----	-----
289413	CAPITAL OUTLAY	23686000		289413	23396588	66.6	1.2	23,251,880-	98.1-
-----		-----	-----	-----	-----	-----	-----	-----	-----
292878	EXPENDITURES	24686000		292878	24393123	66.6	1.1	24,246,682-	98.2-

094500 - '12 W&S BOND CONST-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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	66.6	21,188-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F	21188			21188	66.6	21,188-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSFERS	21188			21188	66.6	21,188-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	21188			21188	66.6	21,188-	100.0-

094602 - 2012 W&S CONST-ISSUE EXP

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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

8 Months Ending 05/31/17

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	66.6	21,244- 100.0-
-----		-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS	21244			21244	66.6	21,244- 100.0-
-----		-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH	21244			21244	66.6	21,244- 100.0-
-----		-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY	21244			21244	66.6	21,244- 100.0-
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES	21244			21244	66.6	21,244- 100.0-

095641 - 2001 BOND CONSTR-ZOO IMPR

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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

8 Months Ending 05/31/17

REMAINING	PERCENT	PROJECTED....	
BALANCE	PLAN ACTUAL	OVER/UNDER	%

OBJ/SUB

CITY OF HATTIESBURG
EXPENDITURE REPORT

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	 %
BUILDING/BLD IMPROVEMEN								
	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							

096500 - MDB CAPITAL PROJ-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

ANNUAL OPEN PO YTD
BUDGET & CONTRACTS ACTUAL

REMAINING
BALANCE

PERCENT
PLAN ACTUAL

....PROJECTED....
OVER/UNDER %

THIS MONTH
ACTUAL

OBJ/SUB

TRANSFERS TO OTHER FUND

T/T B&I CITY 9000 13

TRANSFERS TO OTHER F

TRANSFERS

EXPENDITURES

096602 - MDB CAPITAL PROJ-ISSUE EXP.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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

8 Months Ending 05/31/17

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

8 Months Ending 05/31/17

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

8 Months Ending 05/31/17

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	66.6	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	66.6	2,238-	100.0-
-----	IMPROVEMENT OTHER TH	2238			2238	66.6	2,238-	100.0-
MACHINERY AND EQUIPMENT								
-----	OTHER EQUIPMENT 7399	-----	-----	-----	-----	-----	-----	-----
MACHINERY AND EQUIPM								
OTHER								
-----	ZOOLOGICAL ANIMALS 7505	-----	-----	-----	-----	-----	-----	-----
-----	OTHER	-----	-----	-----	-----	-----	-----	-----
-----	CAPITAL OUTLAY	2238			2238	66.6	2,238-	100.0-
-----	EXPENDITURES	2238			2238	66.6	2,238-	100.0-

098553 - K.P.ZOO CAPITAL-CEMETERY

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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

8 Months Ending 05/31/17

REMAINING	PERCENT	PROJECTED.....	
BALANCE	PLAN ACTUAL	OVER/UNDER	%

	TRANSFERS TO OTHER F								
	TRANSFERS								
	EXPENDITURES								

099602 - 2010 W & S GO BOND-ISSUE EXP.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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							

099603 - 2010 W & S GO BOND-STREETS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
IMPROVEMENT OTHER THAN								
STREETS & ROADWAYS 7230								
N.31ST AVENUE 7230 06								
NEW SCHOOL ROAD 7230 08								
E.4TH STREET 7230 11								
S.28TH AVENUE 7230 14								
LINCOLN ROAD-#3 7230 27								
LINCOLN ROAD-#4 7230 29								
N.40TH AVENUE 7230 30								
MONTAGUE-N.40TH TO N3 7230 31								
ED TURNER DRIVE 7230 32								
S.31ST-HARDY TO MAMIE 7230 33								
MAMIE FROM S.28TH-31S 7230 34								
TUSCAN-MLK TO BERNARD 7230 35								
CLASSIC DR-HWY 42-GOL 7230 36								
-----		-----	-----	-----	-----	-----	-----	-----
STREETS & ROADWAYS								
-----		-----	-----	-----	-----	-----	-----	-----
IMPROVEMENT OTHER TH								
-----		-----	-----	-----	-----	-----	-----	-----
CAPITAL OUTLAY								
-----		-----	-----	-----	-----	-----	-----	-----
EXPENDITURES								

099606 - 2010 W & S GO BOND-DRAINAGE

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	IMPROVEMENT OTHER THAN							
	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

8 Months Ending 05/31/17

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

8 Months Ending 05/31/17

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								

CITY OF HATTIESBURG
EXPENDITURE REPORT

8 Months Ending 05/31/17

ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	PROJECTED....
BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN ACTUAL	OVER/UNDER %

105602 - 2013 W&S CONST-ISSUE EXP

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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

8 Months Ending 05/31/17

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							
8208	ENGINEERING 6015	740672	705,526	250808	215661-	66.6 33.8	364,460-	49.2-
	LEGAL 6025							
	OTHER PROFESSIONAL SER 6049							
-----		-----	-----	-----	-----	-----	-----	-----
8208	PROFESSIONAL SERVICE	740672	705,526	250808	215661-	66.6 33.8	364,460-	49.2-
	REPR/MAINT-OUTSIDE LABO							
	STREETS & STRUCTURES R 6360							
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	REPR/MAINT-OUTSIDE L							
	OTHER SERVICES & CHARGE							
	SERVICES NOT SPECIFIED 6999							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
8208	OTHER SERVICES & CHAR	740672	705,526	250808	215661-	66.6 33.8	364,460-	49.2-
	IMPROVEMENT OTHER THAN							
	SEWERS 7220							
	SEWER PHASE III 7220 01							
	18 INCH TRUNK LINES 7220 17	65713	65,713			66.6	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	66.6 47.3	3,537-	28.9-
	DRYING BED 7220 52							
	SEWER PHASE V 7220 54	33818		33743	76	66.6 99.7	16,796	49.6
	SEWER PHASE VII 7220 55	506451	145,228	361217	6	66.6 71.3	35,374	6.9

-----	PROGRAMMED SEWER PROJ 7220 99	38900	-----	-----	38900	66.6	-----	38,900-	100.0-
-----	SEWERS	657082	210,941	400734	45407	66.6	60.9	55,980-	8.5-
	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								
207078	WESLEY WELL #2 7245 09	7800	53,346	214803	260349-	66.6	753.8	314,404	30.8
	WTP FILTER #6 7245 10								
5905	OLD 98/RUNNELS RD WTR 7245 11	329280	3,330	357531	31581-	66.6	108.5	207,016	62.8
	W1-COUNTRY CLUB WATER 7245 18								
	W2-WESLEY PLANT TREAT 7245 26								
	W3-WATER WELL@ PLANT 7245 27	84150		61750	22400	66.6	73.3	8,475	10.0
	HWY 98 FIRE LINES 7245 28								
	WATER PHASE I 7245 50								
10258	WATER PHASE II 7245 51	608	3,918	10865	14175-	66.6	787.0	15,689	580.4
58543	WATER PHASE III 7245 52	257790	70,669	315822	128702-	66.6	122.5	215,943	83.7
	WATER PHASE IV 7245 53	9400		9400		66.6	100.0	4,700	50.0
	PROGRAMMED WATER PROJ 7245 99								
-----		-----	-----	-----	-----	-----	-----	-----	-----
281784	WATER SYSTEMS	689028	131,263	970172	412407-	66.6	140.8	766,230	111.2
	OTHER IMPROVEMENTS 7295								
	MISC.OTHER IMPROVEMEN 7295 99								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS								
-----		-----	-----	-----	-----	-----	-----	-----	-----
281784	IMPROVEMENT OTHER TH	1346110	342,204	1370906	367000-	66.6	101.8	710,249	52.7
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281784	CAPITAL OUTLAY	1346110	342,204	1370906	367000-	66.6	101.8	710,249	52.7
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289992	EXPENDITURES	2086782	1,047,730	1621714	582661-	66.6	77.7	345,789	16.5

107500 - SPEC.SALES TAX-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

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

8 Months Ending 05/31/17

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							
74226	TOURISM COMMISSION 6049 01			435205	435205-		652,807	
469044	CONVENTION COMMISSION 6049 02			3328780	3328780-		4,993,170	
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543270	OTHER PROFESSIONAL			3763985	3763985-		5,645,977	
-----		-----	-----	-----	-----	-----	-----	-----
543270	PROFESSIONAL SERVICE			3763985	3763985-		5,645,977	
-----		-----	-----	-----	-----	-----	-----	-----
543270	OTHER SERVICES & CHAR			3763985	3763985-		5,645,977	
-----		-----	-----	-----	-----	-----	-----	-----
543270	EXPENDITURES			3763985	3763985-		5,645,977	

109704 - GROUP INS.TRUST-T&A EXPEND.

CITY OF HATTIESBURG
EXPENDITURE REPORT

ALL FUNDS

8 Months Ending 05/31/17

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OTHER SERVICES & CHARGE							
	BANK SERV/TRF FEE 6832							
249473	ADMIN PAID 6833			495172	495172-		742,758	
351868	CLAIMS PAID 6834			3017898	3017898-		4,526,847	
	SERVICES NOT SPECIFIED 6999							
	ACA TRANSITIONAL FEE 6999 01							
-----		-----	-----	-----	-----	-----	-----	-----
	SERVICES NOT SPECIF							
-----		-----	-----	-----	-----	-----	-----	-----
601341	OTHER SERVICES & CHA			3513070	3513070-		5,269,605	
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601341	OTHER SERVICES & CHAR			3513070	3513070-		5,269,605	
-----		-----	-----	-----	-----	-----	-----	-----
601341	EXPENDITURES			3513070	3513070-		5,269,605	



City of Hattiesburg, MS

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

FILE NUMBER: 2017-501

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Acknowledge bids received on June 7, 2017, for the

Title: Acknowledge bids received on June 7, 2017, for the Hattiesburg Bobby L. Chain Municipal Airport Taxiway Extension (Airport Improvement Project No 3-28-0031-024-217) and accept bid from Warren Paving, Inc. in the amount of \$1,036,771.00 as the lowest and best bid.

Type: Action Item

Drafter: LaTasha
McDaniel, Engineering

In Control: City Council

Reference: Lamar
Rutland

Attachments: Letter of Recommendation, Bid Tabulation, Bid
Advertisement

File
Created: 06/13/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication
Information:

History of Legislative File



June 7, 2017

Mr. Lamar Rutland, PE
Director of Engineering
City of Hattiesburg
212 W. Front Street
Hattiesburg, MS 39401

Subject: Bobby L. Chain (HGB) Airport
Taxiway Extension
AIP(Airport Improvement Project) No.3-28-0031-024-2017

Dear Mr. Rutland,

This is to recommend award of this project to Warren Paving , Inc. who submitted the lowest base bid . The work is the first phase to complete the taxiway extension to Runway 13. The contract amount is \$1,036,771.00 .We have attached the bid summaries.

Please contact us if you require additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read "Paul C. Demopoulos".

Paul C. Demopoulos, PE
ARE Consultants, Inc.

1216 S. Morrison, Suite 5 ° Hammond, LA 70403
800 Spring Street, Suite 214 ° Shreveport, LA 71101
Phone (318) 222-8252 ° Fax (318) 222-8251

Hattiesburg Bobby L. Chain Municipal Airport-Taxiway Extension BID TABULATION			
Warren Dunn	Base Bid	Additive Alternate No. 1	Additive Alternate No. 2
	\$1,036,771.00	\$90,175.00	\$548,007.50
	\$1,299,651.00	\$171,050.00	\$624,968.00

Hattiesburg Bobby L. Chain Municipal Airport - Taxiway Extension
AIP No. 3-28-0031-0024-2017 Bid Tabulation (May 25, 2017)

Bid Item Add. No. 1	Description	Unit of Measure	Approximate Quantity	Engineer's Estimate		Warren Paving, Inc.	
				Unit Price	Total	Unit Price	Total
P-151	Clearing & Demolition	Lump Sum	1	\$25,000.00	\$25,000.00	\$35,000.00	\$35,000.00
P-152.4.1	Unclassified Excavation	C.Y.	3,800	\$8.00	\$30,400.00	\$7.00	\$26,600.00
P-152.4.2	Embankment In Place	C.Y.	4,600	\$12.00	\$55,200.00	\$11.50	\$52,900.00
P-209	Crushed Aggregate Base Course	C.Y.	3,300	\$92.00	\$303,600.00	\$97.50	\$321,750.00
P-401-8.1a	Bituminous Surface Course	Ton	2,100	\$92.00	\$193,200.00	\$90.00	\$189,000.00
P-602	Bituminous Prime Coat	Gal	1,600	\$4.50	\$7,200.00	\$3.50	\$5,600.00
P-603	Bituminous Tack Coat	Gal	1,600	\$3.50	\$5,600.00	\$3.50	\$5,600.00
P-620-5.1(A)	Runway and Taxiway Painting	S.F.	2,300	\$3.00	\$6,900.00	\$3.50	\$8,050.00
D-701-5.1(A)	30" Pipe	L.F.	575	\$90.00	\$51,750.00	\$65.00	\$37,375.00
D-701-5.1(B)	48" Pipe	L.F.	345	\$130.00	\$44,850.00	\$120.00	\$41,400.00
D-701-5.1(C)	6" inch poly (vinyl chloride) ribbed drain pipe & fittings	L.F.	85	\$16.00	\$1,360.00	\$18.00	\$1,530.00
D-705-5.5(B)	6" Underdrain Complete (Including Porous Backfill & Filter Fabric)	L.F.	1,210	\$18.00	\$21,780.00	\$18.00	\$21,780.00
D-701-5.2	Inlet	Each	4	\$6,000.00	\$24,000.00	\$6,200.00	\$24,800.00
D-752	Concrete Headwalls	Each	1	\$10,000.00	\$10,000.00	\$5,500.00	\$5,500.00
T-901-5.1	Turfing (Seeding, Fertilizing and Mulching)	Acre	4.5	\$3,000.00	\$13,500.00	\$5,600.00	\$25,200.00
S001	Mobilization	Lump Sum	1	\$60,000.00	\$60,000.00	\$125,000.00	\$125,000.00
S002	Semiflush Marker for Taxiway Centerline Marking	Each	23	\$100.00	\$2,300.00	\$95.00	\$2,185.00
S003	Construction Layout	Lump Sum	1	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00
I-3.2	Additional Insurance Premium	Lump Sum	1	\$1,000.00	\$1,000.00	\$1.00	\$1.00
S005	Taxiway Lighting Modifications and Additions	Lump Sum	1	\$85,000.00	\$85,000.00	\$92,500.00	\$92,500.00
	Subtotal				\$952,640.00		\$1,036,771.00

Bid Item Add. No. 1	Description	Unit of Measure	Approximate Quantity	Engineer's Estimate		Warren Paving, Inc.	
				Unit Price	Total	Unit Price	Total
P-151	Clearing & Demolition	Lump Sum	1	\$12,000.00	\$12,000.00	\$15,000.00	\$15,000.00
P-152.4.1	Unclassified Excavation	C.Y.	3,000	\$8.00	\$24,000.00	\$7.00	\$21,000.00
P-152.4.2	Embankment In Place	C.Y.	3,250	\$12.00	\$39,000.00	\$11.50	\$37,375.00
T-901-5.1	Turfing (Seeding, Fertilizing and Mulching)	Acre	3	\$3,000.00	\$9,000.00	\$5,600.00	\$16,800.00
	Subtotal				\$84,000.00		\$90,175.00

Bid Item Add. No. 2	Description	Unit of Measure	Approximate Quantity	Engineer's Estimate		Warren Paving, Inc.	
				Unit Price	Total	Unit Price	Total
P-152.4.1	Unclassified Excavation	C.Y.	500	\$15.00	\$7,500.00	\$7.00	\$3,500.00
P-152.4.2	Embankment In Place	C.Y.	500	\$18.00	\$9,000.00	\$11.50	\$5,750.00
P-209	Crushed Aggregate Base Course	C.Y.	2,800	\$85.00	\$238,000.00	\$97.50	\$273,000.00
P-401-8.1a	Bituminous Surface Course	Ton	1,600	\$92.00	\$147,200.00	\$90.00	\$144,000.00
P-602	Bituminous Prime Coat	Gal	1,100	\$4.50	\$4,950.00	\$3.50	\$3,850.00
P-603	Bituminous Tack Coat	Gal	1,100	\$3.50	\$3,850.00	\$3.50	\$3,850.00
P-620-5.1(A)	Runway and Taxiway Painting	S.F.	1,035	\$3.00	\$3,105.00	\$3.50	\$3,622.50
D-705-5.5(B)	6" Underdrain Complete (Including Porous Backfill & Filter Fabric)	L.F.	990	\$18.00	\$17,820.00	\$18.00	\$17,820.00
S005	Taxiway Lighting Modifications and Additions	Lump Sum	1	\$80,000.00	\$80,000.00	\$91,000.00	\$91,000.00
S002	Semiflush Marker for Taxiway Centerline Marking	Each	17	\$100.00	\$1,700.00	\$95.00	\$1,615.00
	Subtotal				\$513,125.00		\$548,007.50

Hattiesburg Bobby L. Chain Municipal Airport - Taxiway Extension
AIP No. 3-28-0031-0024-2017 Bid Tabulation (May 25, 2017)

Bid Item Add. No.1	Description	Unit of Measure	Approximate Quantity	Engineers Estimate		Dunn Road Builders, LLC.	
				Unit Price	Total	Unit Price	Total
P-151	Clearing & Demolition	Lump Sum	1	\$25,000.00	\$25,000.00	\$70,000.00	\$70,000.00
P-152.4.1	Unclassified Excavation	C.Y.	3,800	\$8.00	\$30,400.00	\$18.00	\$68,400.00
P-152.4.2	Embankment In Place	C.Y.	4,600	\$12.00	\$55,200.00	\$31.00	\$142,600.00
P-209	Crushed Aggregate Base Course	C.Y.	3,300	\$92.00	\$303,600.00	\$110.00	\$363,000.00
P-401-8.1a	Bituminous Surface Course	Ton	2,100	\$92.00	\$193,200.00	\$106.00	\$222,600.00
P-602	Bituminous Prime Coat	Gal.	1,600	\$4.50	\$7,200.00	\$5.00	\$8,000.00
P-603	Bituminous Tack Coat	Gal.	1,600	\$3.50	\$5,600.00	\$5.00	\$8,000.00
P-620-5.1(A)	Runway and Taxiway Painting	S.F.	2,300	\$3.00	\$6,900.00	\$3.00	\$6,900.00
D-701-5.1(A)	30" Pipe	L.F.	575	\$90.00	\$51,750.00	\$71.00	\$40,825.00
D-701-5.1(B)	48" Pipe	L.F.	345	\$130.00	\$44,850.00	\$122.00	\$42,090.00
D-701-5.1(C)	6" inch poly (vinyl chloride) ribbed drain pipe & fittings	L.F.	85	\$16.00	\$1,360.00	\$22.00	\$1,870.00
D-705-5.5(B)	6" Underdrain Complete (Including Porous Backfill & Filter Fabric)	L.F.	1,210	\$18.00	\$21,780.00	\$13.00	\$15,730.00
D-701-5.2	Inlet	Each	4	\$6,000.00	\$24,000.00	\$9,000.00	\$36,000.00
D-752	Concrete Headwalls	Each	1	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00
T-901-5.1	Turfing (Seeding, Fertilizing and Mulching)	Acre	4.5	\$3,000.00	\$13,500.00	\$5,500.00	\$24,750.00
S001	Mobilization	Lump Sum	1	\$50,000.00	\$50,000.00	\$130,000.00	\$130,000.00
S002	Semiflush Marker for Taxiway Centerline Marking	Each	23	\$100.00	\$2,300.00	\$82.00	\$1,886.00
S003	Construction Layout	Lump Sum	1	\$10,000.00	\$10,000.00	\$14,000.00	\$14,000.00
I-3.2	Additional Insurance Premium	Lump Sum	1	\$1,000.00	\$1,000.00	\$7,000.00	\$7,000.00
S005	Taxiway Lighting Modifications and Additions	Lump Sum	1	\$85,000.00	\$85,000.00	\$88,000.00	\$88,000.00
	Subtotal				\$962,640.00		\$1,299,651.00

Bid Item Add. No.1	Description	Unit of Measure	Approximate Quantity	Engineer's Estimate		Dunn Road Builders, LLC.	
				Unit Price	Total	Unit Price	Total
P-151	Clearing & Demolition	Lump Sum	1	\$3,000.00	\$12,000.00	\$6,400.00	\$6,400.00
P-152.4.1	Unclassified Excavation	C.Y.	3,000	\$8.00	\$24,000.00	\$18.00	\$54,000.00
P-152.4.2	Embankment In Place	C.Y.	3,250	\$12.00	\$39,000.00	\$31.00	\$100,750.00
T-901-5.1	Turfing (Seeding, Fertilizing and Mulching)	Acre	3	\$3,000.00	\$9,000.00	\$3,300.00	\$9,900.00
	Subtotal				\$84,000.00		\$171,050.00

Bid Item Add. No.2	Description	Unit of Measure	Approximate Quantity	Engineer's Estimate		Dunn Road Builders, LLC.	
				Unit Price	Total	Unit Price	Total
P-152.4.1	Unclassified Excavation	C.Y.	500	\$15.00	\$7,500.00	\$18.00	\$9,000.00
P-152.4.2	Embankment In Place	C.Y.	500	\$18.00	\$9,000.00	\$15.500.00	\$7,750.00
P-209	Crushed Aggregate Base Course	C.Y.	2,800	\$85.00	\$238,000.00	\$110.00	\$308,000.00
P-401-8.1a	Bituminous Surface Course	Ton	1,600	\$92.00	\$147,200.00	\$106.00	\$169,600.00
P-602	Bituminous Prime Coat	Gal.	1,100	\$4.50	\$4,950.00	\$5.00	\$5,500.00
P-603	Bituminous Tack Coat	Gal.	1,100	\$3.50	\$3,850.00	\$5.00	\$5,500.00
P-620-5.1(A)	Runway and Taxiway Painting	S.F.	1,035	\$3.00	\$3,105.00	\$6.00	\$6,210.00
D-705-5.5(B)	6" Underdrain Complete (Including Porous Backfill & Filter Fabric)	L.F.	990	\$18.00	\$17,820.00	\$13.00	\$12,870.00
S005	Taxiway Lighting Modifications and Additions	Lump Sum	1	\$80,000.00	\$80,000.00	\$90,000.00	\$90,000.00
S002	Semiflush Marker for Taxiway Centerline Marking	Each	17	\$100.00	\$1,700.00	\$164.00	\$2,788.00
	Subtotal				\$513,125.00		\$624,968.00

**AFFIDAVIT OF PUBLICATION
THE CLARION-LEDGER**

TO: ARE CONSULTANTS, INC - LEGALS
800 SPRING ST STE 214
SHREVEPORT, LA 71101
Acct# TCL-C07720

Ad Number: 0002083706

**THE STATE OF MISSISSIPPI
HINDS COUNTY**

PERSONALLY appeared before me, the undersigned notary public in and for Hinds County, Alicia Collins, an authorized clerk of The Clarion-Ledger, a newspaper as defined and prescribed in Sections 13-3-31 and 13-3-32, of the Mississippi Code of 1972, as amended, who, being duly sworn, states that the notice, a true copy of which is hereto attached, appeared in the issues of said newspaper as follows:

Was published in said newspaper in the issue(s) of:

04/26/17, 05/03/17

Size: 645 words / 1 col. x 106 lines

Published: 2 time(s)

Now due on said account is \$152.04

Signed Alicia Collins
Authorized Clerk of The Clarion-Ledger

SWORN to and subscribed before me on 05/03/2017.

Frances L. Mack
Notary Public
Frances Mack

Notary Public State of Mississippi at Large.

(SEAL)



CONTRACT DOCUMENTS

SECTION A: ADVERTISEMENT FOR
BIDDERS

Proof of Publication Required.

SEALED BIDS for construction of the following will be received by the City of Hattiesburg in the City Clerk's Office, City Hall, Hattiesburg, MS 39401 until 10:00 a.m. Central Time on May 25th, 2017 for Hattiesburg-Bobby L. Chain Airport Taxiway Extension (A.I.P. Project No. 3-28-0031-0024-2017) for the City of Hattiesburg.

This project shall generally consist of work which includes: earthwork, base, paving, marking and turfing.

Each bid shall generally be accompanied by a bid bond, certified check or cashier's check for an amount equal to five (5) percent of the total base bid.

Bids will be publicly opened and read aloud. Any bid received after closing time will be returned unopened.

Copies of the Contract Documents are on file at the City Engineering Office, 212 West Front Street, Hattiesburg, MS 39401 and are open for public inspection.

Contract documents may be examined and secured by licensed contractors, subcontractors, and material suppliers from ARE Consultants, Inc. at (318)222-8252. Additional copies are available at the City Engineering Office. Make inquiries to obtain plans to Lamar Rutland, PE, Director of Engineering, 212 West Front Street, Hattiesburg, MS 39401. Plans are available upon deposit of One Hundred Dollars (\$100.00) per set for each set obtained. Direct questions to the Engineer at (318) 222-8252. The deposit will be refunded upon return of the drawings and specifications in good condition within ten (10) days after date of opening of bids.

Evidence that a Contractor holds a valid Mississippi Contractor's License must be presented prior to release of bidding documents and/or submittal of a bid proposal. The required classification is Highway, Street, and Bridge Construction.

It is the policy of the Department of Transportation (DOT) that disadvantaged business enterprises as defined in 49 CFR Part 23 shall have the maximum opportunity to participate in the performance of contracts financed in whole or part with Federal funds.

The proposed contract is subject to the Buy American provision under Section 9129 of the Aviation Safety and Capacity Expansion Act of 1990. Details of such requirements are contained in the specifications.

The following question will be asked of all bidders: "Has the bidder defaulted on a contract or ever been involved in litigation with a political subdivision of the State of Mississippi or any other state or country?" YES ☐ NO ☐ If "YES," please supply full details.

The City of Hattiesburg reserves the right to reject any or all bids and to waive informalities.

The bids shall be presented in a sealed envelope marked:

Bobby L. Chain Airport
Taxiway Extension
A.I.P. Project No. 3-28-0031-0024-2017
for the City of Hattiesburg.

BID DATE: May 25, 2017, 10:00 a.m.
Central Time

A mandatory pre-bid conference is scheduled for 10:00 a.m. Monday, May 15th, 2017, in the Airport Conference Room, 29 Academy Drive, Hattiesburg Bobby L. Chain Airport, Hattiesburg, MS.

By: City Clerk
City of Hattiesburg
April 26, 2017
May 3, 2017

0002083706-01



City of Hattiesburg, MS

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

FILE NUMBER: 2017-507

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Approve payment, Barnett Concrete

Title: Approve payment to Barnett Concrete Work, LLC, to settle threatened litigation for work on condemned property.

Type: Action Item

Drafter: Debbie Bernardo

In Control: City Council

Reference:

Attachments: Letter, L. Barnett, 6-12-17, Barnett Concrete Request for Payment for work at 720 East 7th Street

File Created: 06/15/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File

Barnett Concrete Work, LLC
137 Red Roan Rd.
Hattiesburg, MS 39402

To Whom It May Concern: (C/O Hattiesburg Code Enforcement)

This letter is to inform you that I, Lemanuel Barnett, owner of Barnett Concrete Work, LLC performed work on a condemned property at 720 East 7th St. Hattiesburg, MS. In April 2017 I completed a job that I have yet to be paid as of today. If a payment to Barnett Concrete LLC is not made within the next thirty days, I will have no choice but to sue the city of Hattiesburg for my services rendered.

Respectfully Submitted,

Lemanuel Barnett

6-12-17

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: June 6, 2017

Recipient:	Barnett Concrete Work, LLC
Activity:	Asbestos Abatement and Removal
Program:	CDBG
Project Site:	720 East 7 th Street
Amount Requested:	\$3,000.00
Purpose of Request:	Payment Request
Work Provided by:	Barnett Concrete Work, LLC

Recipient:	Paul Anderson Environmental
Activity:	Asbestos Inspections
Program:	CDBG
Project Site:	1315 Deason Avenue; 1107 Deason Avenue; 1107 1/2 Deason Avenue; 1407 Deason Avenue; 305 Klondyke Street; 216 Oak Street; 1305 Rebecca Avenue
Amount Requested:	\$3,900.00
Purpose of Request:	Payment Request
Work Provided by:	Paul Anderson Environmental

State of Mississippi

***Department of Environmental Quality
Office of Pollution Control***

Certificate of Licensure

In accordance with the Asbestos Abatement Accreditation and Certification Act,
Enacted as 1989 Mississippi Law, Chapter 505

Be it known that

Lemanuel A Barnett

Having submitted acceptable evidence of qualifications and
training and other appropriate information, is hereby granted this

***Asbestos Supervisor
Certification***

***Certificate No.: ABS-00006847
Expiration Date: May 18th, 2017
Training Expires on May 18th, 2017***



Chief, Asbestos & Lead Certification Branch

66959 LIC20170001



Mayor

Johnny L. DuPree, Ph.D.

Council- Ward 1
Kim Bradley

Council -Ward 2
Deborah Denard Delgado

Council -Ward 3
Carter Carroll

Council -Ward 4
Mary Dryden

Council- Ward 5
Hemy Naylor

May 4, 2017

FROM: Kim Bradley

City Council, Ward 1

TO: LaKeylah White

Director, Federal and State Programs

RE: Tabled Item, Payment of CDBG Claim to Barnett Concrete Work, 5-2-17 Agenda

This item was tabled because I have questions about the qualifications of the company that has been hired to do this work, and about the process that is being used to hire the company.

1. Barnett Concrete's license with the Board of Contractors expired April 14, 2017. The certificate lists the company as entitled to perform asbestos abatement or removal, concrete, and remodeling. However, MDEQ requires current certification from the Commission on Environmental Quality for contractors on asbestos projects. Barnett Concrete is not on the list MDEQ maintains of contractors with current asbestos certification; two other Forrest County contractors are on the list, though. Why are we not using their services?
2. What federal requirements apply to the use of CDBG funds to pay contractors for the removal, abatement and disposal of asbestos?
3. With regard to the hiring process, why are these projects not two-quoted? Barnett Concrete has received more than \$18,000 so far. This is a city-wide project and we have spent more than \$5,000. We have two-quoted this in the past, but lately have not; in fact, an RIP has even been used to pay this company.

Thank you.

Williams, Clarence P.

From: Jordan, Mark
Sent: Wednesday, May 10, 2017 5:18 PM
To: White, LaKeylah; Bradley, Kim
Cc: Carroll, Carter; DuPree, Mayor Johnny L.; Williams, Clarence P.; Brantley, Pattie; Eaton, Kermas
Subject: RE: memo from Council member Bradley, tabled item, payment of Barnett Concrete
Attachments: Lemanuel A Barnett.PDF

Good afternoon Director White and all addresses, hope all is well. Below you will find my answer as it relates to Councilman Bradley's question #1 and #3 to the tabled item of the CDBG Claim to Barnett Concrete.

Question #1: After doing research into the current certification issue I received an email on 5/8/17 from Virginia Rickles, who works in the Department of Air Division-Asbestos/Lead Certification Section at MDEQ. Attached in the email was a Certificate of Licensure which shows that Mr. Barnett's certification expires on May 18th, 2017. His certification was current at the time the work was completed based on the attached certificate.

Question #3: It was my interpretation of section 31-7-13 of the state purchasing statutes that for purchases under \$5,000 a two quote was not required based on how the statute is written which does not state anything about how it relates to a fiscal year or specific project.

It states:

"§ 31-7-13. All agencies and governing authorities shall purchase their commodities and printing; contract for garbage collection or disposal; contract for solid waste collection or disposal; contract for sewage collection or disposal; contract for public construction; and contract for rentals as herein provided.

(a) BIDDING PROCEDURE FOR PURCHASES NOT OVER \$5,000.00 Purpose –

Clarify No Bids Required Purchases which do not involve an expenditure of more than Five Thousand Dollars (\$5,000.00), exclusive of freight or shipping charges, may be made without advertising or otherwise requesting competitive bids. However, nothing contained in this paragraph (a) shall be construed to prohibit any agency or governing authority from establishing procedures which require competitive bids on purchases of Five Thousand Dollars (\$5,000.00) or less."

However after a meeting with Kermas Eaton and Darnelle Larremore on 5/9/17 and Darnelle and myself spoke with Mark Houston from the Ms. State Auditor's Office for clarity, on how I was interpreting the no bid/two quote bid process. Mr. Houston's statement was that when it comes to Asbestos Abatement and Testing that it might be considered a Professional Specialized Service. But he recommended that going forward because

we have spent more than \$5,000 on this service this fiscal year and with any service/purchase that we have spent over \$5,000 but under \$50,000 should be two quoted as a standard practice. (as long as it does not exceed a culmination of over \$50,000)

I was not aware that the \$5,000 threshold was for the total fiscal year purchase/service for all purchase/services based on how the statute is written I interpreted it as "per purchase" and not cumulative. I had a similar situation in December of last year when there was an issue with a demolition of a porch on a historic property where the purchasing department informed me that I had to get a two quote because that was the second demolition of the year and it would have exceeded the \$5,000 threshold for demolitions and that it was considered a "City Wide" project. I had a meeting with Kermas and several discussions with Janet Beech, the Purchasing Manager at that time, about how to move forward on that P.O. it was determined that I needed to two quote the project, which I did.

Nothing was said to me at that time about two quoting any other Code Enforcement services or purchases in the future because several others (Lot clearing and Asbestos Testing) had exceeded the \$5,000 cumulative threshold for the fiscal year as well. I assumed at that time the two quote issue was only in reference to this specific P.O. because, again nothing was said to me about any other services/purchases that had exceeded the \$5,000 threshold at that time as well.

Darnelle and I asked Mr. Houston what was the best way to handle these situations in the future since each case of asbestos Abatement/Testing on a structure or lot clearing could be different. He discussed various ways to look at this but he said ultimately that we should establish a "contractual" process with certain criteria for these services. Darnelle and I will explore this process for the near future. In the meantime, based on our conversation with Mr. Houston, Code Enforcement will immediately begin using the two quote process for all of the services that Code Enforcement will employ. In that process there will be a requirement that the vendor provide a copy of their current vender licenses and or certifications if applicable to avoid any potential issues like this in the future.

I hope this answers all of the questions and concerns.

Best Regards, Mark

From: White, LaKeylah

Sent: Friday, May 05, 2017 12:37 PM

To: Bradley, Kim <kbradley@hattiesburgms.com>

Cc: Carroll, Carter <ccarroll@hattiesburgms.com>; DuPree, Mayor Johnny L. <jdupree@hattiesburgms.com>; Williams, Clarence P. <cpwilliams@hattiesburgms.com>; Jordan, Mark <mjordan@hattiesburgms.com>; Brantley, Pattie <pbrantley@hattiesburgms.com>

Subject: Fwd: memo from Council member Bradley, tabled item, payment of Barnett Concrete

Good Afternoon Councilman Bradley and thank you for your questions. I am forwarding your memo to Mark Jordan as his office would be the conduit for some of the questions you pose.

In reference to question#2:

It is my understanding that the Community Development Division was simply partnering with this department to assist with paying associated cost related to demolition. This partnership has been in place for many years as these funds can be used for this purpose as elimination of slum and blight is a (federal) program goal. Asbestos abatement is a requirement for demolition projects. We were simply requesting to use CDBG funds to pay an Invoice as presented from the Code division.

Sent from my iPhone

Begin forwarded message:

From: "Bernardo, Debbie" <dbernardo@hattiesburgms.com>
Date: May 4, 2017 at 3:57:54 PM CDT
To: "White, LaKeylah" <lwhite@hattiesburgms.com>
Cc: "taylorrental@gmail.com" <taylorrental@gmail.com>, CarterCarroll <carter205@aol.com>
Subject: memo from Council member Bradley, tabled item, payment of Barnett Concrete

Hi,

Forwarding this memo for Council member Bradley.

Debbie



City of Hattiesburg, MS

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

FILE NUMBER: 2017-480

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Approve the sale of Grave Spaces

Title: Approve the sale of Grave Spaces, per attached memos.

Type: Action Item

Drafter: Deborah Bourne

In Control: City Council

Reference:

Attachments: Memo's (06-20-17), Deeds (06-20-17), Receipts(06-20-17)

File Created: 06/08/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File

To: CITY COUNCIL

From: Deborah Bourne, Assistant Division Manager of Cemeteries

Date: May 31, 2017

The following represents the grave spaces sold on May 31, 2017

Dr. & Mrs. Kimble Love

(2) Spaces \$ 350.00

Southeast Quarter (SE ¼)

Lot 10, Section 35, Highland Cemetery

James Meadows

(1) Space \$ 175.00

North Half (N ½) of the Southwest Quarter (SW ¼)

Lot 24, Section 33, Highland Cemetery

Martha Nelson

(4) Spaces \$ 700.00

West Half (W ½)

Lot 48, Section 35, Highland Cemetery

Carolyn Fairley

(1) Space \$ 175.00

North Half (N ½) of the Southeast Quarter (SE ¼)

Lot 85, Section 37, Highland Cemetery

Donnie Fairley

(1) Space \$ 175.00

South Half (S ½) of the Southeast Quarter (SE ¼)

Lot 85, Section 37, Highland Cemetery

Claire Williams

(2) Spaces \$ 350.00

Northwest Quarter (NW1/4)

Lot 44, Section 34, Highland Cemetery

Irene Brumfield

(1) Space \$ 175.00

North Half (N1/2) of the Southwest Quarter (SW ¼)

Lot 12, Section 35, Highland Cemetery

Myrtle Gatlin

(1) Space \$ 175.00

North Half (N1/2) of the Southwest Quarter (SW ¼)

Lot 20, Section 32, Highland Cemetery

Myrtle Gatlin

(1) Space \$ 175.00

South Half (S1/2) of the Northwest Quarter (NW ¼)

Lot 33, Section 32, Highland Cemetery

Tom Grimsley

(1) Space \$ 175.00

East Half (E1/2) of the Northeast Quarter (NE ¼)

Lot 21, Section 22, Highland Cemetery

To: CITY COUNCIL

From: Deborah Bourne, Assistant Division Manager of Cemeteries

Date: June 5, 2017

The following represents the grave spaces sold on June 5, 2017

Robert A. Hill

(1) Space \$ 175.00

South Half (S1/2) of the Northwest Quarter (NW1/4)

Lot 47, Section 28, Highland Cemetery

Joanne & Hardy Denham

(2) Spaces \$ 350.00

Northeast Quarter (NE1/4)

Lot 50, Section 34, Highland Cemetery

Willie Mae Toy

(1) Space \$ 135.00

East Half (E1/2) of the Southeast Quarter (SE1/4)

Lot 137, Section 1, South Hill Cemetery

To: CITY COUNCIL

From: Deborah Bourne, Assistant Division Manager of Cemeteries

Date: June 07, 2017

The following represents the grave spaces sold on June 07, 2017

Fredrick Coleman

(1) Space \$ 175.00

North half (N1/2) of the Southeast Quarter (SE ¼)

Lot 53, Section 28, Highland Cemetery

To: CITY COUNCIL

From: Deborah Bourne, Assistant Division Manager of Cemeteries

Date: June 8, 2017

The following represents the grave spaces sold on June 8, 2017

Ahliah Hillard

(1) Space \$ 37.50

West Half (W1/2) of the Northwest Quarter (NW1/4)

Lot 132, Section 1, South Hill Cemetery

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, Dr. & Mrs. Kimble Love, 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 10 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 20th day of June, 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, Johnny L. DuPree 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 20th day of June, 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 James Meadows, 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 24

Section 33

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 20th day of June, 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, Johnny L. DuPree 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 20th day of June, 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 Martha Nelson, 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 ½)

Lot Number 48

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 20th day of June 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, Johnny L. DuPree 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 20th day of June, 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 Carolyn Fairley, 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 Southeast Quarter (SE¼)

Lot 85

Section 37

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 20th day of June, 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, Johnny L. DuPree 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 20th day of June, 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 Donnie Fairley, 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 85

Section 37

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 20th day of June, 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, Johnny L. DuPree 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 20th day of June, 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, Claire Williams, 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 44 Section Number 34

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 20th day of June, 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, Johnny L. DuPree 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 20th day of June, 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 Irene Brumfield, 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 12

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 20th day of June, 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, Johnny L. DuPree 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 20th day of June, 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 Myrtle Gatlin, 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 20

Section 32

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 20th day of June, 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, Johnny L. DuPree 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 20th day of June, 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 Myrtle Gatlin, 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 33

Section 32

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 20th day of June, 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, Johnny L. DuPree 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 20th day of June, 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 Tom Grimsley, 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 Northeast Quarter (NE¼)

Lot 21

Section 22

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 20th day of June, 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, Johnny L. DuPree 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 20th day of June, 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 Robert A. Hill, 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 47

Section 28

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 20th day of June, 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, Johnny L. DuPree 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 20th day of June, 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, Joanne & Hardy Denham, 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 (NE¼)

Lot Number 50 Section Number 34

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 20th day of June, 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, Johnny L. DuFree 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 20th day of June, 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 Willie Mae Toy, 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 Southeast Quarter (SE¼)

Lot Number: 137

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 20th day of June, 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, Johnny L. DuPree 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 20th day of June, 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 Fredrick 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:

North Half (N½) of the Southeast Quarter (SE¼)

Lot 53

Section 28

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 20th day of June, 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, Johnny L. DuPree 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 20th day of June, 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 THIRTY-SEVEN AND 50/100 Dollars (\$37.50), 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 Ahliah Hillard (Infant) 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 (W1/2) of the Northwest Quarter (NW1/4)

Lot Number: 132

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 20th day of June, 2017.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

DEPUTY 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, Johnny L. DuPree 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 20th day of June, 2017.

My Commission Expires:

NOTARY PUBLIC

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., May 23 2017

SOLD TO:

Mr. Mrs. Miss Dr. & Mrs. Kimble Love

ADDRESS 412 Mandalay Dr. Hattiesburg, MS 39402

desires to purchase the grave space described below, subject to Cemetery regulations.

SE 1/2 10 1/4 Lot No. 35 in Highland Cemetery

Number of grave spaces 2 Price per grave space \$ 175.00

Price Received \$ 350.00

CK #11267

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]
Supt. of City Cemeteries

mail to:
P.O. Box 523
Benton, MS
39476

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 05/24 2017

SOLD TO:

Mr. Mrs. Miss James Meadows

ADDRESS 1108 North Main St Hattiesburg, MS 39402

desires to purchase the grave space described below, subject to Cemetery regulations.

N 1/2 SW 1/4 Lot No. 24 Section No. 33 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

CK #10624

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]
Supt. of City Cemeteries

mail to:
217 Fox Run Drive
Hattiesburg, MS
39402

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., May 25 2017

SOLD TO:

Mr. Mrs. Miss Martha Nelson

ADDRESS 107 Bellair Dr. Hattiesburg, MS 39402

desires to purchase the grave space described below, subject to Cemetery regulations.

W 1/2 48 1/4 Lot No. 35 in Highland Cemetery

Number of grave spaces 4 Price per grave space \$ 175.00

Price Received \$ 700.00

CK #4023

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 05/25 2017

SOLD TO:

Mr. Mrs. Miss Carolyn Fairley
ADDRESS 138 Anita Dr. Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

N SE 1/4 Lot No. 85 Section No. 37 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., 05-25- 2017

SOLD TO:

Mr. Mrs. Miss Donnie Fairley
ADDRESS 138 Anita DR Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

S SE 1/4 Lot No. 85 Section No. 37 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

364 T. SMITH RD.
HATTIESBURG MS 39401

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., May 26 2017

SOLD TO:

Mr. Mrs. Miss CLAIRE WILLIAMS
ADDRESS 805 HARDY ST, HATTIESBURG MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

NE 1/4 NW 1/4 Lot No. 44 Section No. 34 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., May 26 20 17

SOLD TO:

Mr.. Mrs. Miss Mr. Buntfield

ADDRESS 216 North Hill Dr. 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

N 1/2 SW 1/4 Lot No. 12 Section No. 35 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 05-26 20 17

SOLD TO:

Mr.. Mrs. Miss Myrtle Gatlin

ADDRESS 1009 Mamie St, Hattiesburg, ms. 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

N 1/2 SW 1/4 Lot No. 20 Section No. 32 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

CITY OF HATTIESBURG, MISSISSIPPI

By Deborah Boone
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 05-26 20 17

SOLD TO:

Mr.. Mrs. Miss Myrtle Gatlin

ADDRESS 1009 Mamie St. Hattiesburg, ms. 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

S 1/2 NW 1/4 Lot No. 33 Section No. 32 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

CITY OF HATTIESBURG, MISSISSIPPI

By Deborah Boone
Supt. of City Cemeteries

mail to:
Charles Grimsley
513 N. 3rd St.
La Grange, MO 63448

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 05-29- 2017

SOLD TO:

Mr. Mrs. Miss Tom Grimsley

ADDRESS 805 Hardy St. Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

E $\frac{1}{2}$ NE $\frac{1}{4}$ Lot No. 21 Section No. 22 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

CASH

CITY OF HATTIESBURG, MISSISSIPPI

By Deborah Burre
Supt. of City Cemeteries

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 06/05 2017

SOLD TO:

Mr. Mrs. Miss Robert A. Hill

ADDRESS 1500 Country Club Rd. Apt. J1 Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

S $\frac{1}{2}$ NW $\frac{1}{4}$ Lot No. 47 Section No. 28 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

CK # 8313

CITY OF HATTIESBURG, MISSISSIPPI

By Darby Burre
Supt. of City Cemeteries

mail to:
82 Auburn Place
Hattiesburg, MS
39402

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 06/05 2017

SOLD TO:

Mr. Mrs. Miss Joanne Hardy Denham

ADDRESS 805 Hardy Street Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

- $\frac{1}{2}$ NE $\frac{1}{4}$ Lot No. 50 Section No. 34 in Highland Cemetery

Number of grave spaces 2 Price per grave space \$ 175.00

Price Received \$ 350.00

CK # 6527

CITY OF HATTIESBURG, MISSISSIPPI

By Darby Burre
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 06/1 20 17

SOLD TO:

Mr.. Mrs. Miss Willie Mae Toy
ADDRESS 100 Bankston Arms Dr. Apt D2 Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

E SE 1/4 Lot No. 137 Section No. 1 in South Hill Cemetery

Number of grave spaces 1 Price per grave space \$ 150.00

Price Received \$ 150.00

cash

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 06/06 20 17

SOLD TO:

Mr.. Mrs. Miss Fredrick Coleman
ADDRESS 101 Dixie Ave. Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

N SE 1/4 Lot No. 53 Section No. 28 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., 06/07 20 17

SOLD TO:

Mr.. Mrs. Miss Ahliyah Hillard
ADDRESS 710 Hall Ave Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

W NW 1/4 Lot No. 132 Section No. 1 in South Hill Cemetery

Number of grave spaces 1 Price per grave space \$ 37.50

Price Received \$ 37.50

cash

CITY OF HATTIESBURG, MISSISSIPPI

By [Signature]
Supt. of City Cemeteries



City of Hattiesburg, MS

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

FILE NUMBER: 2017-488

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Approve and authorize issuance of manual check for

Title: Approve and authorize issuance of manual check for HOME Program Claim per the attached memorandum. {Entitlement HOME}

Type: Action Item

Drafter: Kevin Jordan

In Control: City Council

Reference: La'Keylah
White

Attachments: Manual Check for Hollimon Construction - 106 Ruby
Avenue

File Created: 06/12/2017

Budget Information:

Expenditure Type:

Purchasing Item:

**Publication
Information:**

History of Legislative File

MEMORANDUM

TO: City of Hattiesburg Council Members
FROM: La'Keylah White
Department of Federal & State Programs
SUBJECT: Authorize issuance of manual check for HOME Program claims
DATE: June 12, 2017

The following request for payment is being submitted for approval during the City Council's June 20, 2017 meeting. Please authorize and approve issuance of manual check for the claim listed below:

Recipient:	Hollimon Construction
Activity:	Substantial Rehabilitation
Program:	HOME
Project Site:	106 Ruby Avenue
Amount Requested:	\$10,500.00
Purpose of Request:	Draw/Payment Request
Work Provided by:	Hollimon Construction

6/9/2017

Hollimon Construction

Curtis Hollimon

145 Hinton Drive

Hattiesburg, Ms 39401

601.270.3164

Mrs. Ferry Coney

106 Ruby Ave.

Hattiesburg, MS 39401

- Installed exterior doors
- Replacing all wood siding on exterior of house
 - Casing in the windows
 - Paint exterior of house

Material & Labor: \$10,500.00

Curtis Hollimon

6/9/17



06-09-17A08:29 RCVD

06/09/17



City of Hattiesburg, MS

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

FILE NUMBER: 2017-489

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Approve and authorize issuance of manual check for

Title: Approve and authorize issuance of manual check for HOME Program Claim per the attached memorandum. {Entitlement HOME}

Type: Action Item

Drafter: Kevin Jordan

In Control: City Council

Reference: La'Keylah
White

Attachments: Manual Check for Hollimon Construction - 401 Milton
Barnes Avenue

File
Created: 06/12/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication
Information:

History of Legislative File

MEMORANDUM

TO: City of Hattiesburg Council Members
FROM: La'Keylah White
Department of Federal & State Programs
SUBJECT: Authorize issuance of manual check for HOME Program claims
DATE: June 12, 2017

The following request for payment is being submitted for approval during the City Council's June 20, 2017 meeting. Please authorize and approve issuance of manual check for the claim listed below:

Recipient:	Hollimon Construction
Activity:	Substantial Rehabilitation
Program:	HOME
Project Site:	401 Milton Barnes Avenue
Amount Requested:	\$8,000.00
Purpose of Request:	Draw/Payment Request
Work Provided by:	Hollimon Construction

6/9/2017

Hollimon Construction

Curtis Hollimon

145 Hinton Drive

Hattiesburg, Ms 39401

601.270.3164

Ms. Pearl Price

401 Milton Barnes Ave.

Hattiesburg, Ms 39401

- Install sheetrock in two back rooms, bathrooms, and kitchen
 - Patch all holes

Material & Labor: \$8,000.00

Curtis Hollimon

6/9/17

Roller
06/09/17

06-09-17A08:29 RCVJ



City of Hattiesburg, MS

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

FILE NUMBER: 2017-482

MEETING DATE: 06/20/2017

MINUTE BOOK NUMBER:

Brief Title: Approve claims docket for the period ending June 1

Title: Approve claims docket for the period ending June 16, 2017.

Type: Action Item

Drafter: Kermas Eaton

In Control: City Council

Reference:

Attachments: Claims Docket 06-16-17

File Created: 06/08/2017

Budget Information:

Expenditure Type:

Purchasing Item:

Publication Information:

History of Legislative File

CITY OF HATTIESBURG

DOCKET OF CLAIMS

Date - 06/15/17

PERIOD ENDING JUNE 16, 2017

Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
GENERAL FUND							
00001 AAMCO TRANS/AUTOMOTIVE S	134694	00168924	16005847	REPRS U#17313 POLICE	06/16/17	257884	525.95-
00001 AAMCO TRANS/AUTOMOTIVE S	134762	00169960	16005848	REPR PTS U#17317 POLICE	06/16/17	257884	99.95-

AAMCO TRANS/AUTOMOTIVE S							
Sum							625.90-
00001 ACUITY GROUP OF MISSISSI	11474	00171043	16006074	SERVICES 5/17	06/16/17	257885	1,128.00-

ACUITY GROUP OF MISSISSI							
Sum							1,128.00-
00001 ADAMS, WILMA (POLL WORKE 6/6/17	GENER 02017575	16006007	6/6/17	GENERAL ELECTION	06/16/17	257887	125.00-

ADAMS, WILMA (POLL WORKE							
Sum							125.00-
00001 AFFORDABLE EMERGENCY LIG	990	00170868	16005852	INSTALL GUN LOCK U#20421	06/16/17	257888	125.00-
00001 AFFORDABLE EMERGENCY LIG	989	00170869	16005853	REPRS VARI POLICE UNITS	06/16/17	257888	425.00-
00001 AFFORDABLE EMERGENCY LIG	988	00170518	16005903	REPRS VARI POLICE UNITS	06/16/17	257888	830.00-

AFFORDABLE EMERGENCY LIG							
Sum							1,380.00-
00001 AIRDESIGNS SIGN & GRAFFI	505618	00169858	16005856	PARK SIGN ANNIE AMOS LAWYER	06/16/17	257890	45.00-

AIRDESIGNS SIGN & GRAFFI							
Sum							45.00-
00001 AIRGAS USA LLC (NORDAN S	9063303291	00170129	16005780	REPR PTS U#16496	06/16/17	257891	81.13-
00001 AIRGAS USA LLC (NORDAN S	9945255171	00171011	16005867	MEDICAL OXYGEN FIRE DEPT	06/16/17	257891	248.62-
00001 AIRGAS USA LLC (NORDAN S	9064308024	00170915	16006065	WELDING MACHINE	06/16/17	257891	2,525.00-

AIRGAS USA LLC (NORDAN S							
Sum							2,854.75-
00001 ALLBRITTON CHAIN SAW & L	50438	00170753	16005712	REPRS U#14573 CEMETERY	06/16/17	257892	232.32-
00001 ALLBRITTON CHAIN SAW & L	50535	00170848	16005803	REPR PTS U#19559 CEMETERY	06/16/17	257892	53.66-
00001 ALLBRITTON CHAIN SAW & L	50623	00170854	16005862	BELT SHOP STOCK	06/16/17	257892	53.66-

ALLBRITTON CHAIN SAW & L							
Sum							339.64-
00001 AMERICAN SIGNS	7336	00170100	16005691	SIGNS MASS TRANS TEMP BLDG	06/16/17	257893	3,495.00-

AMERICAN SIGNS							
Sum							3,495.00-
00001 ANDREWS, CAROLYN (POLL W 6/6/17	GENER 02017575	16005975	6/6/17	GENERAL ELECTION	06/16/17	257894	125.00-

ANDREWS, CAROLYN (POLL W							
Sum							125.00-
00001 ANDREWS, PAUL (POLL WORK 6/6/17	GENER 02017575	16006014	6/6/17	GENERAL ELECTION	06/16/17	257895	125.00-

ANDREWS, PAUL (POLL WORK

Sum								125.00-
00001	ANOINTED HANDS SERVICES, 3001	00168850	16005774	CLEAN CARPETS TRAIN DEPOT	06/16/17	257896		300.00-

ANOINTED HANDS SERVICES,

Sum								300.00-
00001	ARNOLD LINE WATER ASSN I 2145 5/18/17 00020179 16005737 SRV 4/20-5/18/17 #8 FIRE STA				06/16/17	257899		26.00-

ARNOLD LINE WATER ASSN I

Sum								26.00-
00001	AT&T	601M31822200	02017549	16005736	SERV 5/23-6/22 POLICE DEPT	06/16/17	257900	413.50-
00001	AT&T	601M23905500	00020179	16005773	VEHICLE LOC 5/28-6/27 POLICE	06/16/17	257901	202.00-
00001	AT&T	601M81832700	02017570	16005889	MNTHLY SERV VARI DEPTS	06/16/17	257902	12,880.18-

AT&T

Sum								13,495.68-
00001	AT&T CAPITAL SERVICES	3013026	00171111	16006117	INTERACT SOFTWARE POLICE DEPT	06/16/17	257903	12,556.56-

AT&T CAPITAL SERVICES

Sum								12,556.56-
00001	AT&T LONG DISTANCE SERVI	0267000193	02017577	16005899	LONG DIST SERV-ONE NET 6/17	06/16/17	257904	220.84-

AT&T LONG DISTANCE SERVI

Sum								220.84-
00001	AT&T MOBILITY	287273861504	00171095	16006111	GPS TRACKING 5/17 VARI DEPTS	06/16/17	257905	4,701.09-
00001	AT&T MOBILITY	287273578351	00171096	16006112	WIRELESS SERV 5/17 VARI DEPTS	06/16/17	257905	9,611.33-

AT&T MOBILITY

Sum								14,312.42-
00001	AUTO ARMATURE SERVICE IN	09330	00170862	16005938	STARTER U#17876 SANIT	06/16/17	257908	99.95-
00001	AUTO ARMATURE SERVICE IN	09331	00170862	16005939	BATTERY U#16723 SANIT	06/16/17	257908	142.95-
00001	AUTO ARMATURE SERVICE IN	09332	00170862	16005940	BATTERY U#16722 SANIT	06/16/17	257908	142.95-

AUTO ARMATURE SERVICE IN

Sum								385.85-
00001	AUTOMOTIVE GLASS SPECIAL	I213351	00168617	16005807	ANTENNA U#16756 POLICE	06/16/17	257909	245.00-
00001	AUTOMOTIVE GLASS SPECIAL	I215073	00170291	16005822	REPRS U#17018	06/16/17	257909	373.00-
00001	AUTOMOTIVE GLASS SPECIAL	I215080	00170331	16005827	REPR PTS U#20091 SANIT	06/16/17	257909	495.00-
00001	AUTOMOTIVE GLASS SPECIAL	I214705	00170022	16005840	W/SHIELD U#16235 TORNADO 2017	06/16/17	257909	350.00-

AUTOMOTIVE GLASS SPECIAL

Sum								1,463.00-
00001	B & H PHOTO-VIDEO	126564308	00170279	16005756	CAMERA FIRE INSPECTION DEPT	06/16/17	257910	369.07-
00001	B & H PHOTO-VIDEO	126592984	00170279	16005757	CAMERA FIRE INSPECTION DEPT	06/16/17	257910	269.99-

B & H PHOTO-VIDEO

Sum								639.06-
00001	BAHAM, LETISHA (REFUND) DAMAGE DEP R	02017580	16006110	DAMAGE DEPOSIT REFUND	06/16/17	257913		96.25-

BAHAM, LETISHA (REFUND)

Sum								96.25-
00001	BEAVERS, DALE (POLL WORK 6/6/17 GENER	02017575	16005978	6/6/17 GENERAL ELECTION	06/16/17	257916		145.00-

BEAVERS, DALE (POLL WORK								-----
Sum								145.00-
00001	BESTER, CHERYL (POLL WOR	6/6/17 GENER 02017575 16005953	6/6/17 GENERAL ELECTION	06/16/17	257918			145.00-

BESTER, CHERYL (POLL WOR								145.00-
Sum								125.00-
00001	BETHLEY, CHERYL (POLL WO	6/6/17 GENER 02017575 16005983	6/6/17 GENERAL ELECTION	06/16/17	257919			-----
BETHLEY, CHERYL (POLL WO								125.00-
Sum								2,775.62-
00001	BIG IRON DIESEL REPAIR L	RO1784 00170820 16005785	REPRS U#20067 SANIT	06/16/17	257920			-----
BIG IRON DIESEL REPAIR L								2,775.62-
Sum								125.00-
00001	BIVINS, VERNA (POLL WORK	6/6/17 GENER 02017575 16005991	6/6/17 GENERAL ELECTION	06/16/17	257921			-----
BIVINS, VERNA (POLL WORK								125.00-
Sum								212.38-
00001	BOB BARKER COMPANY, INC	NC1001356198 00170797 16006058	PROPERTY BAGS FOR INMATES	06/16/17	257923			-----
BOB BARKER COMPANY, INC								212.38-
Sum								125.00-
00001	BOGGAN, THERESA (POLL WO	6/6/17 GENER 02017575 16005977	6/6/17 GENERAL ELECTION	06/16/17	257925			-----
BOGGAN, THERESA (POLL WO								125.00-
Sum								48.00-
00001	BOURNE BROTHERS PRINTING	60272 00168631 16006057	SIGNS OLD POLICE BLDG	06/16/17	257927			-----
BOURNE BROTHERS PRINTING								48.00-
Sum								125.00-
00001	BOURNE, MARY (ELECTION C	6/6/17 GENER 02017575 16005993	6/6/17 GENERAL ELECTION	06/16/17	257928			-----
BOURNE, MARY (ELECTION C								125.00-
Sum								178.13-
00001	BRACKMAN MOWER WAREHOUSE	26510 00169734 16006064	REPR PTS U#19294 STREET	06/16/17	257929			-----
00001	BRACKMAN MOWER WAREHOUSE	29462 00170007 16006100	WHEELS STREET DEPT STOCK	06/16/17	257929			66.45-

BRACKMAN MOWER WAREHOUSE								244.58-
Sum								125.00-
00001	BRADLEY, BETTY (POLL WOR	6/6/17 GENER 02017575 16005979	6/6/17 GENERAL ELECTION	06/16/17	257931			-----
BRADLEY, BETTY (POLL WOR								125.00-
Sum								-----
00001	BREVARD, VIRAN (POLL WO	6/6/17 GENER 02017575 16005990	6/6/17 GENERAL ELECTION	06/16/17	257932			125.00-

BREVARD, VIRAN (POLL WO								125.00-
Sum								65,951.25-
00001	BROADDUS & ASSOCIATES	4105-01 00171037 16005918	DEBRIS MGMT 3/1-31/17	06/16/17	257934			-----
00001	BROADDUS & ASSOCIATES	4101-03 00171037 16005919	DEBRIS MGMT 4/1-30/17	06/16/17	257934			47,708.75-

BROADDUS & ASSOCIATES								113,660.00-
Sum								

00001 BROWN, DONNA (POLL WORKE 6/6/17 GENER 02017575 16005955 6/6/17 GENERAL ELECTION	06/16/17	257935	125.00-

BROWN, DONNA (POLL WORKE			
Sum			125.00-
00001 BROWN, HATTIE (POLL WO 6/6/17 GENER 02017575 16006052 6/6/17 GENERAL ELECTION	06/16/17	257936	125.00-

BROWN, HATTIE (POLL WO			
Sum			125.00-
00001 BRUCE ROSSMEYERS DAYTONA 07012017 00171048 16006078 MOTORCYCLE LEASE 7-9/17	06/16/17	257937	12,420.00-

BRUCE ROSSMEYERS DAYTONA			
Sum			12,420.00-
00001 BRUNINI 219461 00170879 16005794 SRVS 2/17 GENERAL SSO'S	06/16/17	257938	13,624.88-
00001 BRUNINI 220080 00170879 16005795 SERVS 3/17 GENERAL SSO'S	06/16/17	257938	7,053.75-
00001 BRUNINI 220768 00170879 16005796 SERVS 4/17 GENERAL SSO'S	06/16/17	257938	9,957.78-

BRUNINI			
Sum			30,636.41-
00001 C SPIRE (MEGAGATE) 1077901 00171110 16006114 INET/NETWORK 6/17 INFO TECH	06/16/17	257939	17,836.40-

C SPIRE (MEGAGATE)			
Sum			17,836.40-
00001 CARQUEST AUTO PARTS STOR 14758-90190 00170664 16005781 REPR PTS U#11839	06/16/17	257943	217.32-
00001 CARQUEST AUTO PARTS STOR 14758-90704 00170238 16005927 REPR PTS U#15921 TRAFFIC	06/16/17	257943	125.10-
00001 CARQUEST AUTO PARTS STOR 14758-90702 00170238 16005928 REPR PTS U#13982	06/16/17	257943	20.36-
00001 CARQUEST AUTO PARTS STOR 14758-90703 00170238 16005929 REPR PTS U#14714	06/16/17	257943	73.57-
00001 CARQUEST AUTO PARTS STOR 14758-90696 00170818 16005930 REPR PTS U#15921 CONSTR	06/16/17	257943	46.70-
00001 CARQUEST AUTO PARTS STOR 14758-90697 00170818 16005931 REPR PTS U#14406	06/16/17	257943	72.01-
00001 CARQUEST AUTO PARTS STOR 14758-90698 00170818 16005932 REPR PTS U#15892	06/16/17	257943	21.90-
00001 CARQUEST AUTO PARTS STOR 14758-90692 00170864 16005933 SHOP SUPPLIES	06/16/17	257943	122.87-
00001 CARQUEST AUTO PARTS STOR 14758-90693 00170864 16005934 REPR PTS U#13062	06/16/17	257943	474.32-
00001 CARQUEST AUTO PARTS STOR 14758-90694 00170864 16005935 REPR PTS U#20373	06/16/17	257943	8.29-
00001 CARQUEST AUTO PARTS STOR 14758-90575 00170767 16005937 SUPPLIES FOR SHOP	06/16/17	257943	49.54-
00001 CARQUEST AUTO PARTS STOR 14758-90192 00170662 16006095 REPR PTS TRANSIT BUS TORNADO	06/16/17	257943	567.00-

CARQUEST AUTO PARTS STOR			
Sum			1,798.98-
00001 CARSON, CARRIE (POLL WO 6/6/17 GENER 02017575 16006008 6/6/17 GENERAL ELECTION	06/16/17	257944	125.00-

CARSON, CARRIE (POLL WO			
Sum			125.00-
00001 CERTIFIED LABORATORIES 2738003 00170665 16005777 SUPPLIES FOR SHOP	06/16/17	257947	1,954.70-

CERTIFIED LABORATORIES			
Sum			1,954.70-
00001 CHATMAN, SHARON (POLL WO 6/6/17 GENER 02017575 16005960 6/6/17 GENERAL ELECTION	06/16/17	257950	125.00-

CHATMAN, SHARON (POLL WO			
Sum			125.00-
00001 CHUNKY RIVER HARLEY DAVI 288746 00170612 16005851 CLUTCH LEVERS FOR MOTORS	06/16/17	257951	762.90-

CHUNKY RIVER HARLEY DAVI			

00001 COMSOUTH	184611	00170747 16005695 TRACKING 10-12/16 VARI UNITS	06/16/17	257961	300.00-
00001 COMSOUTH	186543	00170798 16005701 FLEET TRACKING ENGR DEPT	06/16/17	257961	150.00-
00001 COMSOUTH	185110	00170842 16005789 FLEET TRACKING PUBLIC WORKS	06/16/17	257961	1,200.00-
00001 COMSOUTH	185884	00170842 16005790 FLEET TRACKING PUBLIC WORKS	06/16/17	257961	1,200.00-

COMSOUTH					
Sum					2,850.00-
00001 CONLEY, CASHENA (POLL WO 6/6/17 GENER 02017575 16006002 6/6/17 GENERAL ELECTION			06/16/17	257962	145.00-

CONLEY, CASHENA (POLL WO					
Sum					145.00-
00001 CONLEY, DEBRA (POLL WORK 6/6/17 GENER 02017575 16006019 6/6/17 GENERAL ELECTION			06/16/17	257963	145.00-

CONLEY, DEBRA (POLL WORK					
Sum					145.00-
00001 COUGHLIN'S FLORIST	PO#170221 5/	00170221 16005915 WREATHS POLICE MEMORIAL	06/16/17	257965	695.00-
00001 COUGHLIN'S FLORIST	PO#170896	00170896 16005916 ADDL AMT DUE PO#170221	06/16/17	257965	51.00-

COUGHLIN'S FLORIST					
Sum					746.00-
00001 COURT PROGRAMS INC	#33	00170976 16005864 ANKLE MONITORS 5/17 COURT	06/16/17	257966	6,320.00-

COURT PROGRAMS INC					
Sum					6,320.00-
00001 COURTESY MOTORS INC	220247C	00169199 16005858 REPRS TRAFFIC BUCKET TRUCK	06/16/17	257967	276.95-
00001 COURTESY MOTORS INC	463370	00171034 16006097 REPR PTS U#17838 FIRE DEPT	06/16/17	257967	108.26-

COURTESY MOTORS INC					
Sum					385.21-
00001 DEAN, BRENDA (POLL WORKE 6/6/17 GENER 02017575 16005996 6/6/17 GENERAL ELECTION			06/16/17	257972	125.00-

DEAN, BRENDA (POLL WORKE					
Sum					125.00-
00001 DEWS, C L & SONS FOUNDRY 170869		00170696 16005778 SUPPLIES FOR SHOP	06/16/17	257974	233.75-

DEWS, C L & SONS FOUNDRY					
Sum					233.75-
00001 DOCKERY, EDDIE (POLL WOR 6/6/17 GENER 02017575 16006053 6/6/17 GENERAL ELECTION			06/16/17	257977	150.00-

DOCKERY, EDDIE (POLL WOR					
Sum					150.00-
00001 DUPREE, JOHNNY MAYOR	TRAVEL REIMB	00171006 16005865 AIRLINE TICKET NLC CLEVELAND	06/16/17	257979	145.40-

DUPREE, JOHNNY MAYOR					
Sum					145.40-
00001 EASHMOND, JACQUELINE (P 6/6/17 GENER 02017575 16006047 6/6/17 GENERAL ELECTION			06/16/17	257980	125.00-

EASHMOND, JACQUELINE (P					
Sum					125.00-
00001 EASHMOND, JOHNNIE L JR (6/6/17 GENER 02017575 16006048 6/6/17 GENERAL ELECTION			06/16/17	257981	175.00-

EASHMOND, JOHNNIE L JR (					

Sum								231.99-
00001 FLOWERS BY MARIAM	009298	00170744	16005686	RIBBONS HBURG READS CEREMONY	06/16/17	258002		20.00-

FLOWERS BY MARIAM								
Sum								20.00-
00001 FLOYD, LUCILLE (POLL WOR	6/6/17	GENER	02017575	16006022	6/6/17	GENERAL ELECTION	06/16/17	258004
								125.00-

FLOYD, LUCILLE (POLL WOR								
Sum								125.00-
00001 FLUKER, JAMES ALBERT (PO	6/6/17	GENER	02017575	16005962	6/6/17	GENERAL ELECTION	06/16/17	258005
								125.00-

FLUKER, JAMES ALBERT (PO								
Sum								125.00-
00001 FOREMAN, SAM (POLL WORKE	6/6/17	GENER	02017575	16006015	6/6/17	GENERAL ELECTION	06/16/17	258006
								150.00-

FOREMAN, SAM (POLL WORKE								
Sum								150.00-
00001 FORREST CTY SUPERVISORS	JAIL 3/17	EX	00170925	16005844	JAIL 3/17	EXPENSES	06/16/17	258007
								40,680.00-
00001 FORREST CTY SUPERVISORS	JAIL 3/17	ME	00170925	16005845	JAIL 3/17	MEDICAL	06/16/17	258007
								1,138.50-

FORREST CTY SUPERVISORS								
Sum								41,818.50-
00001 FORREST GENERAL HOSPITAL	H90072225601	00170944	16005817	SRV 3/19/17	OWENS	PRISONER	06/16/17	258008
								1,055.25-
00001 FORREST GENERAL HOSPITAL	H90072536701	00170944	16005818	SRV 3/24/17	BUTLER	PRISONER	06/16/17	258008
								1,186.00-

FORREST GENERAL HOSPITAL								
Sum								2,241.25-
00001 FORREST GENERAL HOSPITAL	EAP CHARGE 6	00170762	16005688	EAP CHARGE 6/17			06/16/17	258009
								1,785.00-

FORREST GENERAL HOSPITAL								
Sum								1,785.00-
00001 FOX. GLADYS (POLL WORKER	6/6/17	GENER	02017575	16005976	6/6/17	GENERAL ELECTION	06/16/17	258010
								125.00-

FOX. GLADYS (POLL WORKER								
Sum								125.00-
00001 FRAZIER, ANGELA (POLL WO	6/6/17	GENER	02017575	16005992	6/6/17	GENERAL ELECTION	06/16/17	258011
								145.00-

FRAZIER, ANGELA (POLL WO								
Sum								145.00-
00001 FREEDOM HOMES	1238706	PO#1	00170457	16006098	TEMP MOBILE HOME #2	FIRE STA	06/16/17	258012
								30,003.00-

FREEDOM HOMES								
Sum								30,003.00-
00001 FUELMAN OF MS	BG127044	NP5	00170867	16005764	FUEL CHGS 5/15-21/17	POLICE	06/16/17	258013
								73.11-
00001 FUELMAN OF MS	BG127044	NP5	00170840	16005771	FUEL CHG 5/9/17	COPELAND LDC	06/16/17	258013
								25.63-
00001 FUELMAN OF MS	BG127044	NP5	00170961	16005841	FUEL CHGS 5/22-28/17	POLICE	06/16/17	258013
								62.47-

FUELMAN OF MS								
Sum								161.21-
00001 FV RECYCLING	2017-8313	00170777	16005725	RECYCLE FEES 5/17	SANIT		06/16/17	258014
								104.50-
00001 FV RECYCLING	2017-8311	00170777	16005726	RECYCLE FEES 5/17	SANIT		06/16/17	258014
								40.50-
00001 FV RECYCLING	2017-8312	00170777	16005727	RECYCLE FEES 5/17	SANIT		06/16/17	258014
								137.25-

00001 FV RECYCLING	2017-8036	00170777 16005728 RECYCLE FEES 5/17 SANIT	06/16/17	258014	44.75-
00001 FV RECYCLING	2017-8037	00170777 16005729 RECYCLE FEES 5/17 SANIT	06/16/17	258014	70.00-
00001 FV RECYCLING	2017-8035	00170777 16005730 RECYCLE FEES 5/17 SANIT	06/16/17	258014	106.00-
00001 FV RECYCLING	2017-8033	00170777 16005731 RECYCLE FEES 5/17 SANIT	06/16/17	258014	47.25-
00001 FV RECYCLING	2017-8034	00170777 16005732 RECYCLE FEES 5/17 SANIT	06/16/17	258014	34.25-
00001 FV RECYCLING	2017-3128	00170777 16005733 RECYCLE FEES 4/17 SANIT	06/16/17	258014	182.00-

FV RECYCLING					766.50-
Sum					
00001 G & K SERVICES	6035832312	00170824 16005715 UNIFORMS 5/01 GEORGE MPO DIV	06/16/17	258017	4.55-
00001 G & K SERVICES	6035834374	00170824 16005716 UNIFORMS 5/08 GEORGE MPO DIV	06/16/17	258017	4.55-
00001 G & K SERVICES	6035836440	00170824 16005717 UNIFORMS 5/15 GEORGE MPO DIV	06/16/17	258017	4.55-
00001 G & K SERVICES	6035838491	00170824 16005718 UNIFORMS 5/22 GEORGE MPO DIV	06/16/17	258017	4.55-
00001 G & K SERVICES	6035832306	00170783 16005744 UNIFORMS 5/01 CEM/FORESTRY	06/16/17	258017	47.33-
00001 G & K SERVICES	6035834368	00170783 16005745 UNIFORMS 5/08 CEM/FORESTRY	06/16/17	258017	47.33-
00001 G & K SERVICES	6035836434	00170783 16005746 UNIFORMS 5/15 CEM/FORESTRY	06/16/17	258017	47.33-
00001 G & K SERVICES	6035838486	00170783 16005747 UNIFORMS 5/22 CEM/FORESTRY	06/16/17	258017	47.33-
00001 G & K SERVICES	6035832305	00170783 16005748 MOP/MAT 5/01 CEM/FORESTRY	06/16/17	258017	22.70-
00001 G & K SERVICES	6035834367	00170783 16005749 MOP/MAT 5/08 CEM/FORESTRY	06/16/17	258017	22.70-
00001 G & K SERVICES	6035836433	00170783 16005750 MOP/MAT 5/15 CEM/FORESTRY	06/16/17	258017	22.70-
00001 G & K SERVICES	6700026941	00170353 16005896 EVENT SHIRTS PUBLIC WORKS	06/16/17	258017	33.96-
00001 G & K SERVICES	6700027469	00170353 16005897 EVENT SHIRTS PUBLIC WORKS	06/16/17	258017	50.94-

G & K SERVICES					360.52-
Sum					
00001 GAINES, GRADY (POLL WORK 6/6/17 GENER	02017575 16005985 6/6/17 GENERAL ELECTION	06/16/17	258018	125.00-	

GAINES, GRADY (POLL WORK					125.00-
Sum					
00001 GARNER LUMLEY ELECTRIC S 536830	00170058 16005759 ELEC SUPP PUBLIC WORKS	06/16/17	258020	60.81-	
00001 GARNER LUMLEY ELECTRIC S 536647	00169254 16005890 REPLACE LAMPS GIS OFFICE	06/16/17	258020	835.60-	
00001 GARNER LUMLEY ELECTRIC S 537860	00170754 16006130 LIGHT BULBS PINE ST ELEVATOR	06/16/17	258020	68.00-	

GARNER LUMLEY ELECTRIC S					964.41-
Sum					
00001 GEVEKO MARKINGS	500104	00170380 16005799 THERMO PAINT PAVEMENT MARKING	06/16/17	258024	562.50-

GEVEKO MARKINGS					562.50-
Sum					
00001 GILLILANDS ELECTRONICS S 64269	00170782 16005719 PHONE BATT M TRANS TORNADO'17	06/16/17	258026	313.95-	
00001 GILLILANDS ELECTRONICS S 63907	00170940 16005804 PROGRAM REMOTE MUN COURT	06/16/17	258026	35.00-	
00001 GILLILANDS ELECTRONICS S 64254	00170673 16005805 PHONE MUSIC M TRANSIT TORNADO	06/16/17	258026	400.00-	

GILLILANDS ELECTRONICS S					748.95-
Sum					
00001 GLADDEN LAW OFFICE PLLC 0131	00171020 16005907 SRVS ADV LEONARD BUSBY	06/16/17	258027	855.00-	
00001 GLADDEN LAW OFFICE PLLC 0135	00171020 16005908 SRSVS PLANN/ZONE/CODE ISSUES	06/16/17	258027	3,119.25-	
00001 GLADDEN LAW OFFICE PLLC 0140	00171020 16005909 SRVS SHARON MARK V CITY HBURG	06/16/17	258027	126.00-	
00001 GLADDEN LAW OFFICE PLLC 0133	00171020 16005910 SRVS ADV CLINT BRELAND	06/16/17	258027	655.75-	

GLADDEN LAW OFFICE PLLC					4,756.00-
Sum					

00001 GLOBAL SECURITY COMPANY SECURITY DET 02017579 16006067 SEC DETAIL RFD 6/16/17	06/16/17	258029	154.00-
00001 GLOBAL SECURITY COMPANY SECURITY DET 02017579 16006068 SEC DETAIL RFD 6/16/17	06/16/17	258029	105.87-
00001 GLOBAL SECURITY COMPANY SECURITY DET 02017579 16006069 SEC DETAIL RFD 6/16/17	06/16/17	258029	115.50-

GLOBAL SECURITY COMPANY			
Sum			375.37-
00001 GOLDEN, MIKE (POLL WORKE 6/6/17 GENER 02017575 16005952 6/6/17 GENERAL ELECTION	06/16/17	258030	150.00-

GOLDEN, MIKE (POLL WORKE			
Sum			150.00-
00001 GRAHAM, ANDREA (POLL WOR 6/6/17 GENER 02017545 16005981 6/6/17 GENERAL ELECTION	06/16/17	258032	150.00-

GRAHAM, ANDREA (POLL WOR			
Sum			150.00-
00001 GRAHAM, NELDA (POLL WORK 6/6/17 GENER 02017575 16005945 6/6/17 GENERAL ELECTION	06/16/17	258033	125.00-

GRAHAM, NELDA (POLL WORK			
Sum			125.00-
00001 HARPER, ANTHONY (POLL WO 6/6/17 GENER 02017575 16005986 6/6/17 GENERAL ELECTION	06/16/17	258041	125.00-

HARPER, ANTHONY (POLL WO			
Sum			125.00-
00001 HARRIS, LASHONA (POLL WO 6/6/17 GENER 02017575 16006029 6/6/17 GENERAL ELECTION	06/16/17	258042	125.00-

HARRIS, LASHONA (POLL WO			
Sum			125.00-
00001 HATTIESBURG AMERICAN-ACC H12998 59546 00171039 16006073 CITY WIDE ADS AND NOTICES	06/16/17	258038	402.09-

HATTIESBURG AMERICAN-ACC			
Sum			402.09-
00001 HATTIESBURG HYDRAULICS I 68525 00168803 16006066 REPR PTS U#20373 ST CLEAN	06/16/17	258045	54.72-
00001 HATTIESBURG HYDRAULICS I 69624 00170819 16006101 REPR PTS U#19755 STREET	06/16/17	258045	144.36-
00001 HATTIESBURG HYDRAULICS I 68940 00169666 16006106 REPR PTS U#20069 SANIT	06/16/17	258045	276.86-
00001 HATTIESBURG HYDRAULICS I 69623 00170857 16006107 REPR PTS U#14406 SANIT	06/16/17	258045	214.86-
00001 HATTIESBURG HYDRAULICS I 69630 00170911 16006126 REPR PTS U#13082 CONSTR	06/16/17	258045	980.50-

HATTIESBURG HYDRAULICS I			
Sum			1,671.30-
00001 HAWES, HENRY C (POLL WOR 6/6/17 GENER 02017575 16005948 5/5/17 GENERAL ELECTION	06/16/17	258046	145.00-

HAWES, HENRY C (POLL WOR			
Sum			145.00-
00001 HAWES, MARGARET K (POLL 6/6/17 GENER 02017575 16005949 6/6/17 GENERAL ELECTION	06/16/17	258047	125.00-

HAWES, MARGARET K (POLL			
Sum			125.00-
00001 HENDRIX, VIRGINIA B (POL 6/6/17 GENER 02017575 16006027 6/6/17 GENERAL ELECTION	06/16/17	258048	145.00-

HENDRIX, VIRGINIA B (POL			
Sum			145.00-
00001 HIBBLER, CLAUDIA (POLL W 6/6/17 GENER 02017575 16006046 6/6/17 GENERAL ELECTION	06/16/17	258049	125.00-

HIBBLER, CLAUDIA (POLL W									
Sum									125.00-
00001	HICKS LAW FIRM, LLC	8183	00171019	16005911	SRVS RICKY WARD VS HPD	06/16/17	258050	1,005.62-	
00001	HICKS LAW FIRM, LLC	8185	00171019	16005912	SRVS PLAAS INC VS CITY HBURG	06/16/17	258050	2,403.00-	
00001	HICKS LAW FIRM, LLC	8184	00171019	16005913	SRVS SALIBA/PIERCE VS CITY	06/16/17	258050	607.50-	

HICKS LAW FIRM, LLC									
Sum									4,016.12-
00001	HILL, BETTY B (POLL WORK 6/6/17	GENER 02017575	16005970	6/6/17	GENERAL ELECTION	06/16/17	258051	145.00-	

HILL, BETTY B (POLL WORK									
Sum									145.00-
00001	HILL, LEROY COFFEE CO IN 699400	00170751	16005684	COFFEE SERV M/ADM	06/16/17	258052		65.06-	
00001	HILL, LEROY COFFEE CO IN 699539	00171047	16006070	COFFEE SERV M/ADM	06/16/17	258052		18.95-	

HILL, LEROY COFFEE CO IN									
Sum									84.01-
00001	HISTORIC HATTIESBURG DOW 2017 F/Y FIN	00171001	16005863	2017 F/Y FINANCIAL ASST	06/09/17	111887		55,000.00-	

HISTORIC HATTIESBURG DOW									
Sum									55,000.00-
00001	HOME DEPOT	2974901	00168455	16005763	HEAVY DUTY SHELVING POLICE	06/16/17	258056	798.20-	

HOME DEPOT									
Sum									798.20-
00001	HOME, HOWARD RAY (POLL 6/6/17	GENER 02017575	16005995	6/6/17	GENERAL ELECTION	06/16/17	258057	125.00-	

HOME, HOWARD RAY (POLL									
Sum									125.00-
00001	HOOVER, LATONYA	TRAV ADVANCE	00170910	16005808	TRAV ADV MANAGERS TRNG BILOXI	06/16/17	258058	387.32-	

HOOVER, LATONYA									
Sum									387.32-
00001	INDOFF INC	2955561	00170125	16006059	OFFICE SUPP FIRE DEPT	06/16/17	258064	187.24-	
00001	INDOFF INC	2943059	00169309	16006060	JANIT SUPP FIRE DEPT	06/16/17	258064	653.03-	

INDOFF INC									
Sum									840.27-
00001	INGRAM EQUIPMENT CO LLC	0050104-IN	00170540	16005860	REPR PTS U#13982 SANIT	06/16/17	258065	2,814.00-	
00001	INGRAM EQUIPMENT CO LLC	0050104-IN F	00170953	16005861	FREIGHT CHARGE PO#170540	06/16/17	258065	110.01-	

INGRAM EQUIPMENT CO LLC									
Sum									2,924.01-
00001	IVORY, EVELYN M (POLL WO 6/6/17	GENER 02017575	16005989	6/6/17	GENERAL ELECTION	06/16/17	258067	125.00-	

IVORY, EVELYN M (POLL WO									
Sum									125.00-
00001	JACKSON, EMMA (POLL WORK 6/6/17	GENER 02017575	16006028	6/6/17	GENERAL ELECTION	06/16/17	258069	125.00-	

JACKSON, EMMA (POLL WORK									
Sum									125.00-
00001	JACKSON, NAKIAH (POLL WO 6/6/17	GENER 02017575	16005982	6/6/17	GENERAL ELECTION	06/16/17	258070	125.00-	

JACKSON, NAKIAH (POLL WO				
Sum				125.00-
00001 JACKSON, TONY M (POLL WO 6/6/17 GENER 02017575 16006016 6/6/17 GENERAL ELECTION	06/16/17	258071		125.00-

JACKSON, TONY M (POLL WO				
Sum				125.00-
00001 JENKINS, ZELLA (POLL WO 6/6/17 GENER 02017575 16006024 6/6/17 GENERAL ELECTION	06/16/17	258072		125.00-

JENKINS, ZELLA (POLL WO				
Sum				125.00-
00001 JOHNNY'S WRECKER SERVICE 32416 00170784 16005816 TOWING U#11353 FIRE DEPT	06/16/17	258074		350.00-
00001 JOHNNY'S WRECKER SERVICE 31931 00170757 16005828 TOWING U#12891 CEMETERY	06/16/17	258074		250.00-
00001 JOHNNY'S WRECKER SERVICE 31946 00171038 16005920 TOWING U#20090 SANIT	06/16/17	258074		250.00-

JOHNNY'S WRECKER SERVICE				
Sum				850.00-
00001 JOHNSON, CARRIE (POLL WO 6/6/17 GENER 02017575 16005961 6/6/17 GENERAL ELECTION	06/16/17	258075		125.00-

JOHNSON, CARRIE (POLL WO				
Sum				125.00-
00001 JORDAN, DEBORAH (POLL W 6/6/17 GENER 02017575 16005954 6/6/17 GENERAL ELECTION	06/16/17	258076		125.00-

JORDAN, DEBORAH (POLL W				
Sum				125.00-
00001 JORDAN, JEAN C (POLL WOR 6/6/17 GENER 02017575 16006012 6/6/17 GENERAL ELECTION	06/16/17	258077		125.00-

JORDAN, JEAN C (POLL WOR				
Sum				125.00-
00001 JORDAN, MICHELE (POLL WO 6/6/17 GENER 02017575 16006030 6/6/17 GENERAL ELECTIONA	06/16/17	258078		125.00-

JORDAN, MICHELE (POLL WO				
Sum				125.00-
00001 JORDAN, SHERIE (POLL WOR 6/6/17 GENER 02017575 16005980 6/6/17 GENERAL ELECTION	06/16/17	258079		125.00-

JORDAN, SHERIE (POLL WOR				
Sum				125.00-
00001 JORDAN, VESTA E. (POLL W 6/6/17 GENER 02017575 16005973 6/6/17 GENERAL ELECTION	06/16/17	258080		125.00-

JORDAN, VESTA E. (POLL W				
Sum				125.00-
00001 KEELING COMPANY (HATTIES S3175382.001 00169409 16005782 CULVERT PIPE	06/16/17	258081		489.00-
00001 KEELING COMPANY (HATTIES S3210093.001 00170663 16005830 DRAIN PIPE P/W STOCK	06/16/17	258081		4,813.00-
00001 KEELING COMPANY (HATTIES S3219637.001 00170970 16006122 PIPE SUPP S 13TH AVE	06/16/17	258081		2,305.00-

KEELING COMPANY (HATTIES				
Sum				7,607.00-
00001 KELLY, BRUCE (POLL WORKE 6/6/17 GENER 02017575 16006038 6/6/17 GENERAL ELECTION	06/16/17	258082		125.00-

KELLY, BRUCE (POLL WORKE				
Sum				125.00-
00001 KING, SUSAN (POLL WORKER 6/6/17 GENER 02017575 16006011 6/6/17 GENERAL ELECTION	06/16/17	258085		125.00-

KING, SUSAN (POLL WORKER								
Sum								125.00-
00001	KNIGHT, DAVID (POLL WORK	6/6/17	GENER	02017575	16006005	6/6/17	GENERAL ELECTION	06/16/17 258089 175.00-

KNIGHT, DAVID (POLL WORK								
Sum								175.00-
00001	KNIGHT, JANICE (POLL WO	6/6/17	GENER	02017575	16006004	6/6/17	GENERAL ELECTION	06/16/17 258090 125.00-

KNIGHT, JANICE (POLL WO								
Sum								125.00-
00001	KRONOS INCORPORATED	11189712		00171108	16006116		SOFTWARE SUPPORT SERVICES	06/16/17 258091 9,088.00-
00001	KRONOS INCORPORATED	1132496		00171108	16006131		CREDIT	06/16/17 258091 9,087.00

KRONOS INCORPORATED								
Sum								1.00-
00001	LAMAR CTY SHERIFF	JAIL 4/17		00170923	16005820		JAIL EXPENSE 4/17	06/16/17 258093 100.00-

LAMAR CTY SHERIFF								
Sum								100.00-
00001	LARRY'S WRECKER SERVICE	3229		00170870	16005765		TOWING U#17573 POLICE	06/16/17 258094 55.00-
00001	LARRY'S WRECKER SERVICE	3188		00170870	16005766		TOWING U#17595 POLICE	06/16/17 258094 55.00-
00001	LARRY'S WRECKER SERVICE	3205		00170871	16005767		TOWING U#18318 POLICE	06/16/17 258094 55.00-
00001	LARRY'S WRECKER SERVICE	3217		00170871	16005768		TOWING U#18316 POLICE	06/16/17 258094 55.00-
00001	LARRY'S WRECKER SERVICE	3206		00170871	16005769		TOWING U#18315 POLICE	06/16/17 258094 55.00-
00001	LARRY'S WRECKER SERVICE	3230		00170960	16005842		TOWING U#19701 POLICE	06/16/17 258094 55.00-
00001	LARRY'S WRECKER SERVICE	3233		00170960	16005843		TOWING U#17596 POLICE	06/16/17 258094 55.00-

LARRY'S WRECKER SERVICE								
Sum								385.00-
00001	LASTER, JAMARA J (POLL W	6/6/17	GENER	02017575	16006054	6/6/17	GENERAL ELECTION	06/16/17 258095 125.00-

LASTER, JAMARA J (POLL W								
Sum								125.00-
00001	LAWRENCE PRINTING CO INC	17875		00169782	16005687		MANUAL CHECKS ACCTG DEPT	06/16/17 258096 233.70-

LAWRENCE PRINTING CO INC								
Sum								233.70-
00001	LIL' JACKIES	3224		00170829	16005724		TOWING U#11970	06/16/17 258098 65.00-

LIL' JACKIES								
Sum								65.00-
00001	LINEBARGER GOGGAN BLAIR	4/28/2017		02017556	16005738		POLICE FINES COLL.FEE	06/16/17 258100 874.30-

LINEBARGER GOGGAN BLAIR								
Sum								874.30-
00001	LOWE'S OF HATTIESBURG IN	953202		00170292	16005690		BLINDS MASS TRANS TEMP BLDG	06/16/17 258103 108.36-
00001	LOWE'S OF HATTIESBURG IN	977514		00170415	16005702		BLDG SUPP 2ND ST PROJECT	06/16/17 258103 58.26-
00001	LOWE'S OF HATTIESBURG IN	924479		00170554	16005703		CAULK SUPP 2ND ST PROJECT	06/16/17 258103 43.30-
00001	LOWE'S OF HATTIESBURG IN	967021		00169788	16005704		BLDG SUPP 2ND ST PROJ PORCH	06/16/17 258103 85.09-
00001	LOWE'S OF HATTIESBURG IN	924951		00169929	16005705		ROOF RAFTERS 2ND ST PROJECT	06/16/17 258103 28.43-
00001	LOWE'S OF HATTIESBURG IN	976079		00170010	16005706		PINE BOARDS CONSTR DEPT	06/16/17 258103 32.02-

00001	LOWE'S OF HATTIESBURG IN	976459	00170076	16005707	WHEELCHAIR RAMP MATLS 2ND ST	06/16/17	258103	541.73-
00001	LOWE'S OF HATTIESBURG IN	976937	00170265	16005708	CAULKING SUPP 2ND ST PROJECT	06/16/17	258103	86.28-
00001	LOWE'S OF HATTIESBURG IN	924212	00170322	16005709	BLDG SUPP/LOCKS 2ND ST PROJ	06/16/17	258103	114.12-
00001	LOWE'S OF HATTIESBURG IN	977429	00170381	16005710	BLDG MATLS 2ND ST PROJECT	06/16/17	258103	675.44-
00001	LOWE'S OF HATTIESBURG IN	953203	00170218	16005914	REFRIGERATOR M TRANS TORNADO	06/16/17	258103	630.00-

LOWE'S OF HATTIESBURG IN								
Sum								
00001	M B I	PO#169564 5/	00169564	16005692	SECURITY SYS M TRANS TEMP BLD	06/16/17	258105	2,403.03-

M B I								
Sum								
00001	MAGEE, CARRIE B (POLL WO	6/6/17	GENER	02017575	16006037	6/6/17	GENERAL ELECTION	3,400.00-
								125.00-

MAGEE, CARRIE B (POLL WO								
Sum								
00001	MALONEY, ROBERT (POLL WO	6/6/17	GENER	02017575	16006039	6/6/17	GENERAL ELECTION	125.00-
								125.00-

MALONEY, ROBERT (POLL WO								
Sum								
00001	MCCi LLC	00011483	00170856	16005761	SCAN/INDEX POL/COURT RECORDS	06/16/17	258113	125.00-
								2,626.80-

MCCi LLC								
Sum								
00001	MCELHANEY PLUMBING INC	257219	00170965	16005893	PLUMB SUPP P/F ACDMY RESTROOM	06/16/17	258114	2,626.80-
								105.90-

MCELHANEY PLUMBING INC								
Sum								
00001	MCGEE, DEBORAH (POLL WOR	6/6/17	GENER	02017575	16006009	6/6/17	GENERAL ELECTION	105.90-
								125.00-

MCGEE, DEBORAH (POLL WOR								
Sum								
00001	MCGEE, KATE (POLL WORKER	6/6/17	GENER	02017575	16006003	6/6/17	GENERAL ELECTION	125.00-
								125.00-

MCGEE, KATE (POLL WORKER								
Sum								
00001	MCINTYRE, BEVERLY (POLL	6/6/17	GENER	02017575	16006041	6/6/17	GENERAL ELECTION	125.00-
								125.00-

MCINTYRE, BEVERLY (POLL								
Sum								
00001	MCKELLER, TONY G (POLL W	6/6/17	GENER	02017575	16006049	6/6/17	GENERAL ELECTION	125.00-
								145.00-

MCKELLER, TONY G (POLL W								
Sum								
00001	MCMULLAN EQUIPMENT CO	170756P	00170132	16005849	REPR PTS U#19704 POLICE	06/16/17	258119	145.00-
								34.28-
00001	MCMULLAN EQUIPMENT CO	171037P	00170611	16005850	REPR PTS U#1815 POLICE	06/16/17	258119	127.50-
00001	MCMULLAN EQUIPMENT CO	3756661C	00171049	16006077	PROGRAM KEY FOB	06/16/17	258119	50.00-

MCMULLAN EQUIPMENT CO								
Sum								
00001	MCNAIR, BRANDON (POLL WO	6/6/17	GENER	02017575	16005994	6/6/17	GENERAL ELECTION	211.78-
								150.00-

MCNAIR, BRANDON (POLL WO										
Sum									150.00-	
00001	MCNAIR, DRUSCILLA (POLL	6/6/17	GENER	02017575	16005966	6/6/17	GENERAL ELECTION	06/16/17	258121	125.00-

MCNAIR, DRUSCILLA (POLL										
Sum									125.00-	
00001	MERRITT, CYNTHIA (POLL W	6/6/17	GENER	02017575	16005958	6/6/17	GENERAL ELECTION	06/16/17	258123	125.00-

MERRITT, CYNTHIA (POLL W										
Sum									125.00-	
00001	METRO CRIMESTOPPERS INC	CITY COURT C	02017551	16005753	CITY COURT COST	5/17		06/06/17	111877	964.52-

METRO CRIMESTOPPERS INC										
Sum									964.52-	
00001	MITCHELL TOOL SALES & SE	98090		00170442	16005776	DRILL BIT SET FOR SHOP		06/16/17	258129	98.00-

MITCHELL TOOL SALES & SE										
Sum									98.00-	
00001	MITCHELL, JAMES	TRAV ADVANCE	00171016	16005869	TRAV ADV CRS FLOOD TRAINING			06/16/17	258130	851.00-

MITCHELL, JAMES										
Sum									851.00-	
00001	MOLLY MAID	SERVS 6/17 C	00170815	16005713	SERVS 6/17 HILND CEMETERY			06/16/17	258133	245.00-

MOLLY MAID										
Sum									245.00-	
00001	MOMAR INC	PSI172936 FR	00169597	16005898	FREIGHT CHARGE PO#169152			06/16/17	258134	52.19-

MOMAR INC										
Sum									52.19-	
00001	MORGAN, C J INC	2017033		00170843	16005772	STORM DRAIN REPR 12TH AVE		06/16/17	258135	62,813.13-

MORGAN, C J INC										
Sum									62,813.13-	
00001	MOSELEY, CAROL (POLL WOR	6/6/17	GENER	02017575	16006013	6/6/17	GENERAL ELECTION	06/16/17	258137	125.00-

MOSELEY, CAROL (POLL WOR										
Sum									125.00-	
00001	MR. SIPPI BEVERAGES	041822		00170949	16005806	DRINKING WATER POLICE DEPT		06/16/17	258139	342.45-

MR. SIPPI BEVERAGES										
Sum									342.45-	
00001	MS EMBROIDERY COMPANY	E 12661		00170998	16005868	UNIFORM SHIRTS LAND CODE DEPT		06/16/17	258140	145.75-

MS EMBROIDERY COMPANY										
Sum									145.75-	
00001	MS FIRE & SAFETY OF HBUR	55402		00169986	16005697	EXTINGUISHERS PUBLIC WORKS		06/16/17	258141	212.00-
00001	MS FIRE & SAFETY OF HBUR	55403		00169986	16005698	EXTINGUISHERS PUBLIC WORKS		06/16/17	258141	809.00-

MS FIRE & SAFETY OF HBUR										
Sum									1,021.00-	
00001	MS GRASS NURSERY	28639		00170438	16005734	GRASS SOD CEMETERIES		06/16/17	258142	260.00-

00001 MS GRASS NURSERY	28655	00170438 16005735 GRASS SOD CEMETERIES	06/16/17	258142	130.00-

MS GRASS NURSERY					390.00-
Sum					8,286.02-
00001 MS POWER COMPANY	6/17 GENERAL	00201717 16006109 MNTHLY ELEC-GENERAL	06/16/17	258144	8,286.02-

MS POWER COMPANY					8,286.02-
Sum					49,824.56-
00001 MS STATE/TREASURER/FINAN	FINE COLLECT	02017552 16005755 FINE COLLECTIONS 5/17	06/06/17	111879	49,824.56-

MS STATE/TREASURER/FINAN					49,824.56-
Sum					145.00-
00001 MYERS, ALMA (POLL WORKER 6/6/17	GENER	02017575 16005971 6/6/17 GENERAL ELECTION	06/16/17	258145	145.00-

MYERS, ALMA (POLL WORKER					145.00-
Sum					150.00-
00001 MYERS, DONNIE (POLL WORK 6/6/17	GENER	02017575 16005972 6/6/17 GENERAL ELECTION	06/16/17	258146	150.00-

MYERS, DONNIE (POLL WORK					150.00-
Sum					159.04-
00001 NAPA AUTO PARTS	562381	00170821 16005723 REPR PTS U#14700/13933 FIRE	06/16/17	258147	159.04-
00001 NAPA AUTO PARTS	562390	00170827 16005925 REPR PTS U#15064 FIRE DEPT	06/16/17	258147	459.44-

NAPA AUTO PARTS					150.00-
Sum					618.48-
00001 NAYLOR, EMMA (POLL WORKE 6/6/17	GENER	02017575 16005956 6/6/17 GENERAL ELECTION	06/16/17	258148	125.00-

NAYLOR, EMMA (POLL WORKE					125.00-
Sum					125.00-
00001 NELSON. J. LEE (POLL WOR 6/6/17	GENER	02017575 16006050 6/6/17 GENERAL ELECTION	06/16/17	258150	125.00-

NELSON. J. LEE (POLL WOR					125.00-
Sum					49,767.00-
00001 NELSON, JOHN C	3631	00170368 16005720 BUS BARN DEMOLITION TORNADO	06/16/17	258151	49,767.00-

NELSON, JOHN C					49,767.00-
Sum					132.44-
00001 NEWELL PAPER COMPANY	4001933	00170667 16005760 FLOOR FINISHER 2ND ST PROJECT	06/16/17	258154	132.44-

NEWELL PAPER COMPANY					132.44-
Sum					1,943.51-
00001 NORFOLK SOUTHERN CORP	90377517	00171084 16006084 7/16 LEASE RR ST PK LOT	06/16/17	258156	1,943.51-

NORFOLK SOUTHERN CORP					1,943.51-
Sum					100.93-
00001 OFFICE DEPOT INC	2068842030	00170428 16005891 MEMORIAL SPEAKER GIFT/SUPP	06/16/17	258158	100.93-

OFFICE DEPOT INC					100.93-
Sum					125.00-
00001 ORMAN, MARTHA (POLL WORK 6/6/17	GENER	02017575 16005950 6/6/17 GENERAL ELECTION	06/16/17	258159	125.00-

ORMAN, MARTHA (POLL WORK					

Sum								125.00-
00001 OWENS BUSINESS MACHINES	332425	00171073 16006071	COPIER LEASE M/ADM	06/16/17	258162			187.00-
00001 OWENS BUSINESS MACHINES	332426	00171073 16006072	COPY OVERAGE 5/17 M/ADM	06/16/17	258162			47.55-
00001 OWENS BUSINESS MACHINES	333635	00170727 16006096	REPLACE COPIER TORNADO 2017	06/16/17	258162			5,862.00-

OWENS BUSINESS MACHINES								
Sum								6,096.55-
00001 PACE A J (POLL WORKER)	6/6/17 GENER	02017575 16006018	6/6/17 GENERAL ELECTION	06/16/17	258163			125.00-

PACE A J (POLL WORKER)								
Sum								125.00-
00001 PACE, LOTTIE (POLL WORKE	6/6/17 GENER	02017575 16006017	6/6/17 GENERAL ELECTION	06/16/17	258164			125.00-

PACE, LOTTIE (POLL WORKE								
Sum								125.00-
00001 PARKER, GERALDINE (POLL	6/6/17 GENER	02017575 16006025	6/6/17 GENERAL ELECTION	06/16/17	258165			125.00-

PARKER, GERALDINE (POLL								
Sum								125.00-
00001 PEARL RIVER VALLEY EPA (	6/17 GENERAL	00201717 16005943	MNTHLY 6/17 PUBLIC SERVICES	06/16/17	258167			5,214.07-

PEARL RIVER VALLEY EPA (								
Sum								5,214.07-
00001 PERFORMANCE RESCUE	448	00170553 16005895	RESCUE TOOL HYD HOSE	06/16/17	258168			660.00-

PERFORMANCE RESCUE								
Sum								660.00-
00001 PERRY, LANISHA (POLL WO	6/6/17 GENER	02017575 16006044	6/6/17 GENERAL ELECTION	06/16/17	258169			125.00-

PERRY, LANISHA (POLL WO								
Sum								125.00-
00001 PEYTON, WILLIAM (POLL WO	6/6/17 GENER	02017575 16006033	6/6/17 GENERAL ELECTION	06/16/17	258171			150.00-

PEYTON, WILLIAM (POLL WO								
Sum								150.00-
00001 PINE BELT OIL COMPANY IN	2906526	00170904 16005797	FUEL 5/11/17 CHIEF PARKER	06/16/17	258172			21.56-
00001 PINE BELT OIL COMPANY IN	10470571	00170736 16005836	GAS FOR FUEL STATION	06/16/17	258172			10,384.77-
00001 PINE BELT OIL COMPANY IN	10471661	00170736 16005837	DIESEL FOR FUEL STATION	06/16/17	258172			5,556.44-
00001 PINE BELT OIL COMPANY IN	10470771	00170850 16006093	GASOLINE FOR FUEL STATION	06/16/17	258172			8,124.10-
00001 PINE BELT OIL COMPANY IN	1118503	00170850 16006094	DIESEL FOR FUEL STATION	06/16/17	258172			4,662.28-
00001 PINE BELT OIL COMPANY IN	1047179	00171032 16006113	DIESEL FOR FUEL STATION	06/16/17	258172			4,776.57-
00001 PINE BELT OIL COMPANY IN	1111679	00171107 16006123	FUEL SERVICES	06/16/17	258172			413.09-
00001 PINE BELT OIL COMPANY IN	1108371	00171107 16006124	FUEL SERVICES	06/16/17	258172			378.87-

PINE BELT OIL COMPANY IN								
Sum								34,317.68-
00001 PITTMAN, HOWDESHELL, HINTO	452	00171087 16006081	SRVS COMSWIP SEWER PROJECT	06/16/17	258174			7,045.92-

PITTMAN, HOWDESHELL, HINTO								
Sum								7,045.92-
00001 POPE, EMMA (POLL WORKER)	6/6/17 GENER	02017575 16006042	6/6/17 GENERAL ELECTION	06/16/17	258176			125.00-

Sum												125.00-
00001 POPE, JESSIE O JR (POLL	6/6/17	GENER	02017575	16006045	6/6/17	GENERAL ELECTION	06/16/17	258177				125.00-

POPE, JESSIE O JR (POLL												
Sum												125.00-
00001 POPE, KENDRA (POLL WORKE	6/6/17	GENER	02017575	16006043	6/6/17	GENERAL ELECTION	06/16/17	258178				125.00-

POPE, KENDRA (POLL WORKE												
Sum												125.00-
00001 POWER PLUS INC	53754		00169603	16006061	LAWN CARE EQUIP FIRE DEPT		06/16/17	258180				566.13-

POWER PLUS INC												
Sum												566.13-
00001 PRECISION DELTA CORP	8087		00166702	16005854	AMMO FOR DUTY WEAPONS/TRNG		06/16/17	258181				5,010.50-
00001 PRECISION DELTA CORP	8409		00166702	16005855	AMMO FOR DUTY WEAPONS/TRNG		06/16/17	258181				1,085.00-

PRECISION DELTA CORP												
Sum												6,095.50-
00001 PRECISION FAB & REFURBIS	012		00170068	16005846	REPRS U#15210 SANIT		06/16/17	258182				1,644.50-

PRECISION FAB & REFURBIS												
Sum												1,644.50-
00001 PRO TRAVEL INC	DL/HI7TX5 HO	00170437	16005829	HOBGOOD	6/27-30 BIKES CONF		06/16/17	258184				574.60-

PRO TRAVEL INC												
Sum												574.60-
00001 PUCKETT MACHINERY COMPAN	P05C5624806	00170539	16005859	REPR PTS U#20368			06/16/17	258185				41.74-

PUCKETT MACHINERY COMPAN												
Sum												41.74-
00001 PUCKETT RENTS	603581-0001	00170499	16005779	SUPPLIES FOR CREW WORKERS			06/16/17	258186				159.96-
00001 PUCKETT RENTS	603210-0001	00170746	16005783	NAILS 2ND ST PROJECT			06/16/17	258186				82.00-
00001 PUCKETT RENTS	603148	00170825	16005784	REPRS U#12355 CONSTR			06/16/17	258186				934.43-

PUCKETT RENTS												
Sum												1,176.39-
00001 RATLIFF, PATRICIA (POLL	6/6/17	GENER	02017575	16005967	6/6/17	GENERAL ELECTION	06/16/17	258187				125.00-

RATLIFF, PATRICIA (POLL												
Sum												125.00-
00001 RATLIFF, TROYANA (POLL	6/6/17	GENER	02017575	16005964	6/6/17	GENERAL ELECTION	06/16/17	258188				125.00-

RATLIFF, TROYANA (POLL												
Sum												125.00-
00001 REGIONS CARDHOLDER SERVI	7079	5/31/17	00170644	16006133	U-VERSE 4/6-5/5 MAYOR DUPREE		06/16/17	258190				65.00-
00001 REGIONS CARDHOLDER SERVI	7079	5/31/17	00170133	16006134	AIRPT SHUTTLE WILLIAMS 9/9-23		06/16/17	258190				36.00-
00001 REGIONS CARDHOLDER SERVI	7079	5/31/17	00170190	16006135	2017-18 DUES NICK WILLIAMS		06/16/17	258190				125.00-
00001 REGIONS CARDHOLDER SERVI	7079	5/31/17	00170121									

00001 REGIONS CARDHOLDER SERVI	7079	5/31/17	00170555	16006140	CLOTH ALLOW TAPP POLICE	06/16/17	258190	437.78-
00001 REGIONS CARDHOLDER SERVI	7079	5/31/17	00170207	16006141	AIRFARE FONTAINE/RICHARDSON	06/16/17	258190	972.57-
00001 REGIONS CARDHOLDER SERVI	7079	5/31/17	00171119	16006142	HOTEL COPELAND 5/7-10 STARKVL	06/16/17	258190	294.00-

REGIONS CARDHOLDER SERVI								
Sum								3,641.21-
00001 RICOH CORP	5048638992	G	00170946	16005838	PRODUCTION PRINTER CHARGES	06/16/17	258192	843.68-
00001 RICOH CORP	22960377		00171045	16006075	COPIER 6/15-7/14 HUMAN RES	06/16/17	258192	221.67-
00001 RICOH CORP	5048725967		00171045	16006076	COPY OVERAGE 5/17 HUMAN RES	06/16/17	258192	152.96-
00001 RICOH CORP	5048725789		00171042	16006080	COPIER LEASE 6/17 LAND CODE	06/16/17	258192	159.29-

RICOH CORP								
Sum								1,377.60-
00001 RIVIES, TERRANCE (POLL W	6/6/17	GENER	02017575	16005963	6/6/17 GENERAL ELECTION	06/16/17	258193	125.00-

RIVIES, TERRANCE (POLL W								
Sum								125.00-
00001 RJ YOUNG COMPANY	INV1879914		00170872	16005770	COPIER 4/24-5/23 POLICE	06/16/17	258194	253.00-
00001 RJ YOUNG COMPANY	INV1874185		00170906	16005793	PLOTTER RENTAL GIS/MPO	06/16/17	258194	128.00-
00001 RJ YOUNG COMPANY	INV1883237		00170908	16005809	COPIER 4/28-5/27 POLICE	06/16/17	258194	492.00-
00001 RJ YOUNG COMPANY	INV1883236		00170941	16005810	COPIER 4/28-5/27 P/F ACADEMY	06/16/17	258194	236.00-
00001 RJ YOUNG COMPANY	INV1883238		00170909	16005814	COPIER 4/28-5/27 FIRE DEPT	06/16/17	258194	194.00-

RJ YOUNG COMPANY								
Sum								1,303.00-
00001 ROBBINS, ARTIST (POLL WO	6/6/17	GENER	02017575	16006036	6/6/17 GENERAL ELECTION	06/16/17	258196	125.00-

ROBBINS, ARTIST (POLL WO								
Sum								125.00-
00001 ROBERTS, RENEE (POLL WOR	6/6/17	GENER	02017575	16005946	6/6/17 GENERAL ELECTION	06/16/17	258198	125.00-

ROBERTS, RENEE (POLL WOR								
Sum								125.00-
00001 ROPER SUPPLY CO LLC	49512		00169549	16005892	LIGHTS U#17114 POLICE	06/16/17	258199	1,585.95-

ROPER SUPPLY CO LLC								
Sum								1,585.95-
00001 ROWE, ANNA BETH (POLL W	6/6/17	GENER	02017575	16006032	6/6/17 GENERAL ELECTION	06/16/17	258200	125.00-

ROWE, ANNA BETH (POLL W								
Sum								125.00-
00001 RUTLAND, LAMAR			00170899	16005801	EXPNS MS/AL ENGR MEET FLORIDA	06/16/17	258202	841.43-

RUTLAND, LAMAR								
Sum								841.43-
00001 SANSOM EQUIPMENT CO	51261		00170645	16005786	REPRS U#20503 SANIT	06/16/17	258204	659.33-
00001 SANSOM EQUIPMENT CO	51010		00170067	16006125		06/16/17	258204	311.32-

SANSOM EQUIPMENT CO								
Sum								970.65-
00001 SCALES BIOLOGICAL LABORA	7673		00170964	16005905	CRIMINAL PATERNITY TEST	06/16/17	258205	900.00-

SCALES BIOLOGICAL LABORA

Sum								900.00-	
00001	SCOTTS HYDRAULIC SERVICE	28655	00168855	16005711	REPRS U#16008	SANIT	06/16/17	258206	1,562.67-
00001	SCOTTS HYDRAULIC SERVICE	29451	00170770	16005787	REPRS U#11839	SANIT	06/16/17	258206	1,460.69-
00001	SCOTTS HYDRAULIC SERVICE	29570	00170997	16006104	REPRS U#16083	STREET	06/16/17	258206	180.00-

SCOTTS HYDRAULIC SERVICE

Sum									3,203.36-	
00001	SHAW, DORIS (POLL WORKER	6/6/17	GENER	02017575	16006006	6/6/17	GENERAL ELECTION	06/16/17	258209	125.00-

SHAW, DORIS (POLL WORKER

Sum										125.00-
00001	SHELTON, LEROY (POLL WOR	6/6/17	GENER	02017575	16006001	6/6/17	GENERAL ELECTION	06/16/17	258211	150.00-

SHELTON, LEROY (POLL WOR

Sum										150.00-
00001	SHERWIN-WILLIAMS COMPANY	2264-9	00170938	16006063	PAINT SUPP	2ND ST PROJECT	06/16/17	258212		30.00-
00001	SHERWIN-WILLIAMS COMPANY	5843-5	00170959	16006099	PAINT SUPP	2ND ST PROJECT	06/16/17	258212		93.70-

SHERWIN-WILLIAMS COMPANY

Sum										123.70-
00001	SHOWS DEARMAN & WAITS IN	19656	00170901	16005800	SRV U/GRND UTILITIES	PLT #1	06/16/17	258213		157.50-
00001	SHOWS DEARMAN & WAITS IN	19666	00170916	16005823	SRV 4/223-5/20	WTR/SWR MAPS	06/16/17	258213		2,100.00-
00001	SHOWS DEARMAN & WAITS IN	19669	00170926	16005824	SURVEY DUPREE	GATEWAY PARK	06/16/17	258213		5,880.00-
00001	SHOWS DEARMAN & WAITS IN	19655	00170928	16005825	SRV STANDARD OFFICE	SURVEY	06/16/17	258213		682.50-
00001	SHOWS DEARMAN & WAITS IN	19665	00170924	16005826	SRV 4/23-5/20	GORDON CRK REPR	06/16/17	258213		28,525.00-

SHOWS DEARMAN & WAITS IN

Sum										37,345.00-
00001	SMITH, MAMIE (POLL WORKE	6/6/17	GENER	02017575	16005998	6/6/17	GENERAL ELECTION	06/16/17	258219	125.00-

SMITH, MAMIE (POLL WORKE

Sum										125.00-
00001	SMITH, ROBERT G (POLL WO	6/6/17	GENER	02017575	16006051	6/6/17	GENERAL ELECTION	06/16/17	258221	125.00-

SMITH, ROBERT G (POLL WO

Sum										125.00-
00001	SMITHKA, PAULA (POLL WOR	6/6/17	GENER	02017575	16006010	6/6/17	GENERAL ELECTION	06/16/17	258222	145.00-

SMITHKA, PAULA (POLL WOR

Sum										145.00-
00001	SOUTH MS EMERGENCY PHYSI	184593898/27	00170927	16005819	SRV 3/19/17	OWENS PRISONER	06/16/17	258223		623.00-

SOUTH MS EMERGENCY PHYSI

Sum										623.00-
00001	SOUTHERN FINANCIAL SYSTE	CMCHAT 5/17/	02017572	16005900	POLICE FINES	COLL.FEE	06/16/17	258225		42.80-
00001	SOUTHERN FINANCIAL SYSTE	CMCHAT2 5/17	02017573	16005901	POLICE FINES	COLL.FEE	06/16/17	258225		46.37-
00001	SOUTHERN FINANCIAL SYSTE	CMCHAT3 5/17	02017574	16005902	POLICE FINES	COLL.FEE	06/16/17	258225		1,587.99-

SOUTHERN FINANCIAL SYSTE

Sum										1,677.16-
00001	SOUTHERN PINE ELECTRIC P	6/17	GENERAL	00201717	16005942	MNTHLY 6/17	PUBLIC SERVICES	06/16/17	258228	1,263.90-

SOUTHERN PINE ELECTRIC P								-----
Sum								1,263.90-
00001	SOUTHERN PINES ANIMAL SH	6/17	00171115	16006128	HANDLING/HOUSING	6/17	06/16/17 258229	9,716.00-

SOUTHERN PINES ANIMAL SH								
Sum								9,716.00-
00001	SOUTHERN TIRE MART LLC	9021897	00170841	16005833	TIRES U#17412	SANIT	06/16/17 258230	553.56-
00001	SOUTHERN TIRE MART LLC	11129252	00170963	16005941	TIRES	SANIT STOCK	06/16/17 258230	1,900.00-
00001	SOUTHERN TIRE MART LLC	9019667	00169390	16006108	REPR PTS U#14677	SANIT	06/16/17 258230	211.29-
00001	SOUTHERN TIRE MART LLC	9022010	00170888	16006129	TIRES U#19611	GATOR CEMETERY	06/16/17 258230	159.42-

SOUTHERN TIRE MART LLC								
Sum								2,824.27-
00001	STANDARD OFFICE SUPPLY C	0070130-001	00170709	16005722	OFFICE SUPP	FIRE DEPT	06/16/17 258234	279.92-
00001	STANDARD OFFICE SUPPLY C	0070141-001	00170708	16005839	RECEIVER PAPER	ACCTG DEPT	06/16/17 258234	114.90-
00001	STANDARD OFFICE SUPPLY C	0070281-001	00170851	16005894	OFFICE SUPP	FIRE DEPT	06/16/17 258234	247.04-
00001	STANDARD OFFICE SUPPLY C	0070442-001	00171033	16006055	STORAGE BOXES	M/ADM	06/16/17 258234	278.97-
00001	STANDARD OFFICE SUPPLY C	0070321-001	00170891	16006056	OFFICE SUPP	PURCHASING DEPT	06/16/17 258234	576.03-

STANDARD OFFICE SUPPLY C								
Sum								1,496.86-
00001	STATE FIRE ACADEMY	25354	00171105	16006118	REG (4)	SMOKE DIVER CLASS	06/16/17 258235	1,680.00-

STATE FIRE ACADEMY								
Sum								1,680.00-
00001	STEADMAN, SUSAN (POLL WO	6/6/17	GENER	02017575	16006031	6/6/17	06/16/17 258236	125.00-

STEADMAN, SUSAN (POLL WO								
Sum								125.00-
00001	STOKES, GLORIA (POLL WO	6/6/17	GENER	02017575	16005957	6/6/17	06/16/17 258237	125.00-

STOKES, GLORIA (POLL WO								
Sum								125.00-
00001	STRIBLING EQUIPMENT CO L	CS006092394:	00170765	16005788	REPR PTS U#20152	SANIT	06/16/17 258238	537.85-

STRIBLING EQUIPMENT CO L								
Sum								537.85-
00001	SULLIVAN, DOROTHY JEAN (	6/6/17	GENER	02017575	16006026	6/6/17	06/16/17 258239	125.00-

SULLIVAN, DOROTHY JEAN (								
Sum								125.00-
00001	SUNBELT FIRE INC	304983	00170609	16005758	REPR PTS U#13560	FIRE DEPT	06/16/17 258240	88.38-

SUNBELT FIRE INC								
Sum								88.38-
00001	SUTTON, CAROL (POLL WORK	6/6/17	GENER	02017575	16005959	6/6/17	06/16/17 258242	125.00-

SUTTON, CAROL (POLL WORK								
Sum								125.00-
00001	TAPCO	I565474	00170623	16005821	LED STOP SIGN	CLASSIC DR	06/16/17 258244	1,530.00-

TAPCO									
Sum									1,530.00-
00001	TEMPLE INC	INV0164131	00170366	16006062	TRAFF SIGNAL SENSYS DET-SCOOT	06/16/17	258245	1,740.00-	

TEMPLE INC									
Sum									1,740.00-
00001	THOMAS, MELODY	(POLL W 6/6/17	GENER 02017575	16006023	6/6/17 GENERAL ELECTION	06/16/17	258247	125.00-	

THOMAS, MELODY (POLL W									
Sum									125.00-
00001	TRANSUNION RISK AND ALTE	362606	6/01/	00170834	16005721	ONLINE INVESTIGATIONS 5/17	06/16/17	258251	116.00-

TRANSUNION RISK AND ALTE									
Sum									116.00-
00001	TRAVIS, ODIS	(POLL WORKE 6/6/17	GENER 02017575	16005974	6/6/17 GENERAL ELECTION	06/16/17	258252	125.00-	

TRAVIS, ODIS (POLL WORKE									
Sum									125.00-
00001	TRI-TECH INC	146516	00170873	16005904	EVIDENCE BAGS	06/16/17	258253	191.50-	

TRI-TECH INC									
Sum									191.50-
00001	UNIVERSITY TIRE & SERVIC	508014	00170295	16005857	TIRE U#11945	TRAFFIC	06/16/17	258258	113.10-

UNIVERSITY TIRE & SERVIC									
Sum									113.10-
00001	V F W OF THE US	PARKING SPAC	00170755	16005714	PARKING SPACES 6/17	06/16/17	258259	75.00-	

V F W OF THE US									
Sum									75.00-
00001	VAN BUREN, ANECHA	(POLL 6/6/17	GENER 02017575	16005997	6/6/17 GENERAL ELECTION	06/16/17	258261	125.00-	

VAN BUREN, ANECHA (POLL									
Sum									125.00-
00001	VAN SLYKE, EDWINA	(POLL 6/6/17	GENER 02017575	16005951	6/6/17 GENERAL ELECTION	06/16/17	258262	125.00-	

VAN SLYKE, EDWINA (POLL									
Sum									125.00-
00001	VERIZON WIRELESS	9786768607	00171112	16006115	HPD WIRELESS SERVICE	06/16/17	258265	2,400.74-	

VERIZON WIRELESS									
Sum									2,400.74-
00001	WAGE HOUR ASSESSMENTS AN	CH 0517-005	00170791	16005689	RETAINER FEE 5/17	06/16/17	258269	500.00-	

WAGE HOUR ASSESSMENTS AN									
Sum									500.00-
00001	WALKER, BERNILLA	(POLL W 6/6/17	GENER 02017575	16005969	6/6/17 GENERAL ELECTION	06/16/17	258270	125.00-	

WALKER, BERNILLA (POLL W									
Sum									125.00-
00001	WALKER, JUANITA	(POLL WO 6/6/17	GENER 02017575	16005965	6/6/17 GENERAL ELECTION	06/16/17	258271	125.00-	

[illegible]

00001 WRIGHT, RITA (POLL WORKE 6/6/17 GENER 02017575 16005987 6/6/17 GENERAL ELECTION	06/16/17	258291	125.00-

WRIGHT, RITA (POLL WORKE			
Sum			125.00-
00001 98 WASTE LLC 526 00171026 16005921 RUBBISH DISPOSAL	06/16/17	258292	133.00-
00001 98 WASTE LLC 527 00171026 16005922 RUBBISH DISPOSAL	06/16/17	258292	6.00-
00001 98 WASTE LLC 528 00171029 16005923 RUBBISH DISPOSAL	06/16/17	258292	858.00-
00001 98 WASTE LLC 234 00171029 16005924 RUBBISH DISPOSAL	06/16/17	258292	137.20-
00001 98 WASTE LLC 539 00171046 16006082 RUBBISH DISPOSAL	06/16/17	258292	8,232.00-
00001 98 WASTE LLC 509 00171046 16006083 RUBBISH DISPOSAL	06/16/17	258292	10,815.00-

98 WASTE LLC			
Sum			20,181.20-

Sum			1,742,521.93-

CITY OF HATTIESBURG

DOCKET OF CLAIMS

Date - 06/15/17

PERIOD ENDING JUNE 16, 2017

Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
PARKS & RECREATION FUND							
00002 A & R FARM AND GARDEN	321760	00170315	16001100	LOPPERS/PRUNERS GRNDS MAINT	06/16/17	257883	240.00-
00002 A & R FARM AND GARDEN	322645	00170793	16001102	RAKE/SHOVELS	06/16/17	257883	37.25-
00002 A & R FARM AND GARDEN	322360	00170919	16001141	INSECTICIDE	06/16/17	257883	336.00-

A & R FARM AND GARDEN							
Sum							613.25-
00002 ADAMS NURSERY	938699	00170905	16001188	LANDSCAPE SUPP CITY HALL	06/16/17	257886	223.80-

ADAMS NURSERY							
Sum							223.80-
00002 ALLBRITTON CHAIN SAW & L 50384		00170666	16001089	REPR PTS U#20488	06/16/17	257892	44.90-
00002 ALLBRITTON CHAIN SAW & L 50565		00170913	16001124	WEEDEATER STRAPS	06/16/17	257892	119.60-

ALLBRITTON CHAIN SAW & L							
Sum							164.50-
00002 ANOINTED HANDS SERVICES, 5039		00170810	16001101	JANIT SUPP GRNDS MAINT	06/16/17	257896	310.00-

ANOINTED HANDS SERVICES,							
Sum							310.00-
00002 AT&T MOBILITY	287273578351	00171096	16001193	WIRELESS SERV 5/17 PARKS/REC	06/16/17	257905	311.35-

AT&T MOBILITY							
Sum							311.35-
00002 AUTOMOTIVE GLASS SPECIAL I214863		00169909	16001111	REPR PTS U#18561 GRNDS MAINT	06/16/17	257909	339.14-
00002 AUTOMOTIVE GLASS SPECIAL I215284		00170525	16001112	WINDOW REPR U#11961	06/16/17	257909	195.00-

AUTOMOTIVE GLASS SPECIAL							
Sum							534.14-
00002 B S N SPORTS	900037032	00170453	16001109	BASEBALLS DIXIE MAJORS	06/16/17	257911	1,544.54-

B S N SPORTS							
Sum							1,544.54-
00002 BARHAM, BRENT KENNETH	OFFICIAL 5/1	02017584	16001149	OFFICIAL-DIXIE MAJORS	06/16/17	257914	250.00-

BARHAM, BRENT KENNETH							
Sum							250.00-
00002 BARRETT'S NURSERY	8929	00170761	16001105	GREENERY DUPREE PK DEDICATION	06/16/17	257915	317.00-

BARRETT'S NURSERY							
Sum							317.00-
00002 BRACKMAN MOWER WAREHOUSE 28377		00170567	16001090	REPRS U#194640 MOWER	06/16/17	257929	350.09-
00002 BRACKMAN MOWER WAREHOUSE 28654		00170726	16001103	REPR PTS U#19303	06/16/17	257929	372.84-
00002 BRACKMAN MOWER WAREHOUSE 28893		00170729	16001107	REPR PTS VARI GRNDS MNT UNITS	06/16/17	257929	81.90-
00002 BRACKMAN MOWER WAREHOUSE 29023		00170816	16001115	LUBRICANTS/WEEDEATER STRING	06/16/17	257929	318.00-
00002 BRACKMAN MOWER WAREHOUSE 29022		00170806	16001125	REPR PTS U#19303 MOWER	06/16/17	257929	67.57-

00002 BRACKMAN MOWER WAREHOUSE 29170	00170920 16001144 TRIMMER HEAD COVERS	06/16/17	257929	48.00-

BRACKMAN MOWER WAREHOUSE				
Sum				1,238.40-
00002 BRADDOCK, ARETHA	OFFICIAL 5/1 02017584 16001150 OFFICIAL-ADULT SOFTBALL	06/16/17	257930	60.00-

BRADDOCK, ARETHA				
Sum				60.00-
00002 BRIDGES, ZOIE D	SPORTS SERVS 02017583 16001174 SPORTS SUPPORT SERVICES	06/16/17	257933	32.00-

BRIDGES, ZOIE D				
Sum				32.00-
00002 CARQUEST AUTO PARTS STOR 14758-90168	00170560 16001088 REPR PTS U#7382	06/16/17	257943	27.95-
00002 CARQUEST AUTO PARTS STOR 14758-89922	00170521 16001186 REPR PTS U#8937	06/16/17	257943	268.63-
00002 CARQUEST AUTO PARTS STOR 14758-90745	00170521 16001187 CREDIT	06/16/17	257943	166.15

CARQUEST AUTO PARTS STOR				
Sum				130.43-
00002 CAWTHON, ANDREW C	OFFICIAL 5/1 02017584 16001151 OFFICIAL-ADULT SOFTBALL	06/16/17	257945	140.00-

CAWTHON, ANDREW C				
Sum				140.00-
00002 CINTAS CORPORATION #J66 J66543839	00170977 16001135 UNIFORMS 5/26 GRNDS MAINT	06/16/17	257955	143.67-
00002 CINTAS CORPORATION #J66 J66543948	00170977 16001136 UNIFORMS 5/29 GRNDS MAINT	06/16/17	257955	143.67-
00002 CINTAS CORPORATION #J66 J66542435	00170977 16001137 MATS 5/15 GRNDS MAINT	06/16/17	257955	4.95-
00002 CINTAS CORPORATION #J66 J66543195	00170977 16001138 MATS 5/22 GRNDS MAINT	06/16/17	257955	4.95-
00002 CINTAS CORPORATION #J66 J66543978	00170977 16001139 MATS 5/29 GRNDS MAINT	06/16/17	257955	4.95-

CINTAS CORPORATION #J66				
Sum				302.19-
00002 CITY OF HATTIESBURG FUND TRF 1ST 6/17	02017562 16001106 TRF 1ST 6/17 PAYROLL	06/07/17	311430	58,711.43-

CITY OF HATTIESBURG FUND				
Sum				58,711.43-
00002 COMMERCIAL STATIONERY CO 401453-0	00170982 16001191 OFFICE SUPP MCNAIR CENTER	06/16/17	257960	33.89-

COMMERCIAL STATIONERY CO				
Sum				33.89-
00002 COMSOUTH 186476	00170689 16001091 RADIO REPR	06/16/17	257961	150.35-
00002 COMSOUTH 186553	00170688 16001097 LIFEGUARD RADIOS 6-7/17	06/16/17	257961	800.00-

COMSOUTH				
Sum				950.35-
00002 CULLOP, DAVID A	OFFICIAL 5/1 02017584 16001152 OFFICIAL-DIXIE MAJORS	06/16/17	257969	95.00-

CULLOP, DAVID A				
Sum				95.00-
00002 CURRY, GEORGE	OFFICIAL 5/1 02017584 16001153 OFFICIAL-DIXIE MAJORS	06/16/17	257970	230.00-

CURRY, GEORGE				
Sum				230.00-
00002 DAVENPORT, BRADFORD	OFFICIAL 5/1 02017584 16001154 OFFICIAL-DIXIE MAJORS	06/16/17	257971	140.00-

DAVENPORT, BRADFORD										
Sum								140.00-		
00002	DIXON, TIMOTHY	OFFICIAL	5/1	02017584	16001155	OFFICIAL-ADULT	SOFTBALL	06/16/17	257975	60.00-

DIXON, TIMOTHY										
Sum								60.00-		
00002	EASLEY, CHARLES EDDIE	OFFICIAL	5/1	02017584	16001156	OFFICIAL-DIXIE	MAJORS	06/16/17	257982	250.00-

EASLEY, CHARLES EDDIE										
Sum								250.00-		
00002	ELKINS WHOLESALE INC	315861-00		00170921	16001140	JANIT SUPP	GRNDS MAINT	06/16/17	257987	760.75-

ELKINS WHOLESALE INC										
Sum								760.75-		
00002	ESTERS, WILLARD (BUTCH)	OFFICIAL	5/1	02017584	16001157	OFFICIAL-ADULT	SOFTBALL	06/16/17	257991	120.00-

ESTERS, WILLARD (BUTCH)										
Sum								120.00-		
00002	FAGAN TREE AND SPRAYING	2409		00170849	16001130	HERBICIDE	APPLICATION LABOR	06/16/17	257995	3,500.00-

FAGAN TREE AND SPRAYING										
Sum								3,500.00-		
00002	FERGUSON ENTERPRISES INC	6587514		00168626	16001086	LAVATORY	9TH ST PARK	06/16/17	258000	56.88-
00002	FERGUSON ENTERPRISES INC	6589925		00168640	16001087	REPR PTS	CAMERON WTR FOUNTAIN	06/16/17	258000	54.53-
00002	FERGUSON ENTERPRISES INC	6830070		00170733	16001134	PLUMB SUPP	PEOPLE'S PARK	06/16/17	258000	54.53-
00002	FERGUSON ENTERPRISES INC	6848561		00170804	16001185	PLUMB SUPP	KAMPER PARK	06/16/17	258000	54.53-

FERGUSON ENTERPRISES INC										
Sum								220.47-		
00002	GREEN FOREST NURSERY INC	27673		00170574	16001084	TREES	GENELOGICAL LIBRARY	06/16/17	258034	380.00-
00002	GREEN FOREST NURSERY INC	27674		00170731	16001085	TREES	DUPREE GATEWAY PARK	06/16/17	258034	100.00-

GREEN FOREST NURSERY INC										
Sum								480.00-		
00002	GRIFFIN, GABRIEL	OFFICIAL	5/1	02017584	16001158	OFFICIAL-WOMEN'S	BASKETBAL	06/16/17	258035	125.00-

GRIFFIN, GABRIEL										
Sum								125.00-		
00002	HARTFIELD, JOE	OFFICIAL	5/1	02017584	16001159	OFFICIAL-DIXIE	MAJORS	06/16/17	258043	250.00-

HARTFIELD, JOE										
Sum								250.00-		
00002	HINES, ERIC	OFFICIAL	5/1	02017584	16001160	OFFICIAL-WOMEN'S	BASKETBAL	06/16/17	258053	50.00-

HINES, ERIC										
Sum								50.00-		
00002	HOLLIMAN, DESTIN T	SPORTS	SERVS	02017583	16001175	SPORTS	SUPPORT SERVICES	06/16/17	258054	192.00-

HOLLIMAN, DESTIN T										
Sum								192.00-		
00002	HOLLIMAN, ZARIUS	SPORTS	SERVS	02017583	16001176	SPORTS	SUPPORT SERVICES	06/16/17	258055	192.00-

Sum								192.00-
00002 HUGHES, BEN D	OFFICIAL 5/1	02017584	16001162	OFFICIAL-DIXIE MAJORS	06/16/17	258062	100.00-	

HUGHES, BEN D							100.00-	
Sum							50.00-	
00002 HUDSON, KENNETH J	OFFICIAL 5/1	02017584	16001161	OFFICIAL-WOMEN'S BASKETBAL	06/16/17	258063	50.00-	

HUDSON, KENNETH J							50.00-	
Sum							68.97-	
00002 INDOFF INC	2963501		00170571	16001114 OFFICE SUPP	06/16/17	258064	68.97-	

INDOFF INC							68.97-	
Sum							652.00-	
00002 IRBY, STUART C CO	S010157720.0	00169922	16001117	ELEC SUPP TATUM SB LIGHTS	06/16/17	258066	652.00-	

IRBY, STUART C CO							652.00-	
Sum							328.50-	
00002 J M H GRAPHICS	11418		00170550	16001132 LIFEGUARD TANK TOPS	06/16/17	258068	328.50-	

J M H GRAPHICS							328.50-	
Sum							494.25-	
00002 JERRY'S AUTOMOTIVE REPAI	18590		00170931	16001143 REPRS U#18560	06/16/17	258073	494.25-	

JERRY'S AUTOMOTIVE REPAI							494.25-	
Sum							1,163.77-	
00002 KEELING COMPANY (HATTIES	S3206155.001	00170506	16001118	SPRINKLER HEADS TATUM PARK	06/16/17	258081	1,163.77-	

KEELING COMPANY (HATTIES							1,163.77-	
Sum							56.00-	
00002 KETTLEY, ANNETTE	SPORTS SERVS	02017583	16001177	SPORTS SUPPORT SERVICES	06/16/17	258083	56.00-	

KETTLEY, ANNETTE							56.00-	
Sum							120.00-	
00002 KING, CHRISTOPHER	OFFICIAL 5/1	02017584	16001163	OFFICIAL-ADULT SOFTBALL	06/16/17	258084	120.00-	

KING, CHRISTOPHER							120.00-	
Sum							125.00-	
00002 KINNEL, ISAAC L	OFFICIAL 5/1	02017584	16001164	OFFICIAL-WOMEN'S BASKETBAL	06/16/17	258086	125.00-	

KINNEL, ISAAC L							125.00-	
Sum							210.00-	
00002 KINSEY WELDING	4942		00171072	16001194 BLD/INSTALL GATE TATUM SOCCER	06/16/17	258087	210.00-	
00002 KINSEY WELDING	4943		00171072	16001195 WELD SOCCER GOALS TATUM PARK	06/16/17	258087	425.00-	

KINSEY WELDING							635.00-	
Sum							250.00-	
00002 LINDSEY, MICHAEL C	OFFICIAL 5/1	02017584	16001165	OFFICIAL-DIXIE MAJORS	06/16/17	258099	250.00-	

LINDSEY, MICHAEL C							250.00-	
Sum							250.00-	

00002 MATTOX, QUENTELLER L	OFFICIAL 5/1 02017584 16001166	OFFICIAL-ADULT SOFTBALL	06/16/17	258111	20.00-

MATTOX, QUENTELLER L					
Sum					20.00-
00002 MCBRIDE, ANDREW MARQUELL	SPORTS SERVS 02017583 16001178	SPORTS SUPPORT SERVICES	06/16/17	258112	216.00-

MCBRIDE, ANDREW MARQUELL					
Sum					216.00-
00002 MID SOUTH GLASS INC	0043997 00170732 16001147	WINDOW DAHMER PK PRESSBOX	06/16/17	258124	250.00-

MID SOUTH GLASS INC					
Sum					250.00-
00002 MILLER, LLOYD M	OFFICIAL 5/1 02017584 16001167	OFFICIAL-DIXIE MAJORS	06/16/17	258128	50.00-

MILLER, LLOYD M					
Sum					50.00-
00002 MORGAN, MICHAEL D	OFFICIAL 5/1 02017584 16001168	OFFICIAL-DIXIE MAJORS	06/16/17	258136	140.00-

MORGAN, MICHAEL D					
Sum					140.00-
00002 MS POWER COMPANY	6/17 PKS/REC 00201717 16001192	MNTHLY ELEC-PARKS & REC	06/16/17	258144	1,424.92-

MS POWER COMPANY					
Sum					1,424.92-
00002 OFFICE DEPOT INC	929087252001 00170468 16001146	LAPTOP CHG STATIONS SUMR CAMP	06/16/17	258158	1,739.97-

OFFICE DEPOT INC					
Sum					1,739.97-
00002 PEANUTS TOWING SERVICE	74837 00170024 16001126	TOWING U#8937	06/16/17	258166	75.00-

PEANUTS TOWING SERVICE					
Sum					75.00-
00002 PIONEER MANUFACTURING CO	INV636147 00169981 16001119	REPR PTS U#19736	06/16/17	258173	165.30-
00002 PIONEER MANUFACTURING CO	INV636607 00170086 16001120	BALLFIELD PAINT	06/16/17	258173	280.00-
00002 PIONEER MANUFACTURING CO	INV638189 (A) 00170412 16001121	BALLFIELD PAINT	06/16/17	258173	1,445.00-
00002 PIONEER MANUFACTURING CO	INV638189 (B) 00170445 16001122	ADDL AMT DUE PO#170412	06/16/17	258173	65.00-
00002 PIONEER MANUFACTURING CO	INV638828 00170633 16001123	REPR PTS U#19736	06/16/17	258173	483.40-

PIONEER MANUFACTURING CO					
Sum					2,438.70-
00002 PLAY IT AGAIN SPORTS	PO#168301 4/ 00168301 16001095	YOUTH SOFTBALL UNIFORMS/SUPP	06/16/17	258175	4,895.00-
00002 PLAY IT AGAIN SPORTS	PO#170319 5/ 00170319 16001098	SUMMER CAMP SHIRTS/BAGS	06/16/17	258175	4,570.00-
00002 PLAY IT AGAIN SPORTS	PO#170579 5/ 00170579 16001099	SPRING ADULT SOFTBALL JERSEYS	06/16/17	258175	3,990.00-

PLAY IT AGAIN SPORTS					
Sum					13,455.00-
00002 POWELL, RANDY	SPORTS SERVS 02017583 16001179	SPORTS SUPPORT SERVICES	06/16/17	258179	104.00-

POWELL, RANDY					
Sum					104.00-
00002 REGIONS CARDHOLDER SERVI	7079 5/31/17 00170043 16001197	SENIOR CENTER NEWSLETTERS	06/16/17	258190	293.39-

Sum								293.39-
00002 SANFORD, JOHN L JR INC	49888	00170268	16001116	TOPSOIL RAILS/TRAILS MAIN ST	06/16/17	258203	1,000.00-	

SANFORD, JOHN L JR INC								
Sum							1,000.00-	
00002 SHAW, RATONIA	SPORTS SERVS	02017583	16001180	SPORTS SUPPORT SERVICES	06/16/17	258210	156.00-	

SHAW, RATONIA								
Sum							156.00-	
00002 SIGNS FIRST	H-58285	00168135	16001113	SIGNS TATUM DISC GOLF COURSE	06/16/17	258214	1,889.27-	

SIGNS FIRST								
Sum							1,889.27-	
00002 SMITH, CARLTON L	OFFICIAL 5/1	02017584	16001169	OFFICIAL-ADULT SOFTBALL	06/16/17	258216	140.00-	

SMITH, CARLTON L								
Sum							140.00-	
00002 SMITH, JOSH	OFFICIAL 5/1	02017584	16001170	OFFICIAL-DIXIE MAJORS	06/16/17	258218	240.00-	

SMITH, JOSH								
Sum							240.00-	
00002 SOUTHERN MS PINE STRAW	10670	00171017	16001189	PINE STRAW TRAIN DEPOT	06/16/17	258226	412.50-	

SOUTHERN MS PINE STRAW								
Sum							412.50-	
00002 SOUTHERN ON SITE STORAGE	55862	00167852	16001110	PORTALETs 6/17 TOWN SQUARE PK	06/16/17	258227	170.00-	
00002 SOUTHERN ON SITE STORAGE	55861	00169080	16001127	PORTALETs 4-5/17 TATUM FPITCH	06/16/17	258227	170.00-	
00002 SOUTHERN ON SITE STORAGE	55924	00169186	16001128	PORTALETs 4-5/17 TOWN SQ PARK	06/16/17	258227	680.00-	
00002 SOUTHERN ON SITE STORAGE	55925	00169468	16001129	HAND WASH STATIONS TOWN SQ PK	06/16/17	258227	130.00-	

SOUTHERN ON SITE STORAGE								
Sum							1,150.00-	
00002 SOUTHERN TIRE MART LLC	9021249	00170794	16001104	TIRE U#18558 TRAILER	06/16/17	258230	76.36-	

SOUTHERN TIRE MART LLC								
Sum							76.36-	
00002 SPEEDY PRINTING & SIGNS	23940	00170634	16001092	SIGNS GENEALOGY LIBRARY	06/16/17	258231	590.00-	
00002 SPEEDY PRINTING & SIGNS	23966	00170634	16001093	SIGN GENEALOGY LIBRARY	06/16/17	258231	23.00-	

SPEEDY PRINTING & SIGNS								
Sum							613.00-	
00002 SPORTS ILLUSTRATED PLAY	317055	00170803	16001096	REG FEES 5/17	06/16/17	258232	461.25-	

SPORTS ILLUSTRATED PLAY								
Sum							461.25-	
00002 TERRELL, WINSTON	OFFICIAL 5/1	02017584	16001171	OFFICIAL-ADULT SOFTBALL	06/16/17	258246	140.00-	

TERRELL, WINSTON								
Sum							140.00-	
00002 TROTTER, COREY	OFFICIAL 5/1	02017584	16001172	OFFICIAL-ADULT SOFTBALL	06/16/17	258255	120.00-	

Sum										120.00-
00002 UNITED FENCE COMPANY	00018258	00170526	16001094	FENCE DUPREE GATEWAY PARK	06/16/17	258256	3,233.00-			
00002 UNITED FENCE COMPANY	00018308	00168107	16001190	TATUM SOC FENCE TORNADO 2017	06/16/17	258256	959.00-			

UNITED FENCE COMPANY										
Sum							4,192.00-			
00002 UNITED RENTALS (NORTH AM	146003622-00	00170934	16001142	ADDL AMT DUE PO#169809 DIESEL	06/16/17	258257	75.60-			
00002 UNITED RENTALS (NORTH AM	146003622-00	00169809	16001145	LIFT RENT TATUM SB LIGHT REPR	06/16/17	258257	2,021.10-			

UNITED RENTALS (NORTH AM										
Sum							2,096.70-			
00002 VARNADO, ALEXANDRIA	SPORTS SERVS	02017583	16001181	SPORTS SUPPORT SERVICES	06/16/17	258263	56.00-			

VARNADO, ALEXANDRIA										
Sum							56.00-			
00002 VARNADO, UNDR	SPORTS SERVS	02017583	16001182	SPORTS SUPPORT SERVICES	06/16/17	258264	112.00-			

VARNADO, UNDR										
Sum							112.00-			
00002 VESCO TENNIS COURTS INC	543	00170208	16001131	PICKLE BALL LINES KP TENNIS	06/16/17	258266	800.00-			

VESCO TENNIS COURTS INC										
Sum							800.00-			
00002 VESELY'S NURSERY	PO#170441 5/	00170441	16001183	GREENERY POLICE MEMORIAL	06/16/17	258267	80.00-			
00002 VESELY'S NURSERY	PO#170569 5/	00170569	16001184	PLANTS GENEALOGICAL LIBRARY	06/16/17	258267	546.00-			

VESELY'S NURSERY										
Sum							626.00-			
00002 WATER FLOW PRODUCTIONS I	10151	00169774	16001108	IRRIGATION REPR VARI PARKS	06/16/17	258276	2,040.00-			

WATER FLOW PRODUCTIONS I										
Sum							2,040.00-			
00002 WILLMUT GAS & OIL COMPAN	6/17 PKS/REC	00201717	16001148	MNTHLY GAS-PARKS & REC	06/16/17	258285	26.00-			

WILLMUT GAS & OIL COMPAN										
Sum							26.00-			
00002 WILSON, JESSICA B	OFFICIAL 5/1	02017584	16001173	OFFICIAL-WOMEN'S BASKETBAL	06/16/17	258287	100.00-			

WILSON, JESSICA B										
Sum							100.00-			

Sum							113,230.04-			

Date - 06/15/17

Check
Amount

35,464.75-

35,464.75-

14,340.60-

30,717.97-

66,182.72-

Date - 06/15/17

Check
Amount

6,671.06-

6,671.06-

6,671.06-

CITY OF HATTIESBURG

DOCKET OF CLAIMS

Date - 06/15/17

PERIOD ENDING JUNE 16, 2017

Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
WATER & SEWER OPERATION/MAINT.							
00009 AGRI-AFC LLC	5329292	00169829	16001140	WEED KILLER FOR LIFT STATIONS	06/16/17	257889	598.00-

AGRI-AFC LLC							
Sum							598.00-
00009 AT&T MOBILITY	287273861504	00171095	16001167	GPS TRACKING 5/17 WTR PLANT	06/16/17	257905	306.17-
00009 AT&T MOBILITY	287273578351	00171096	16001168	WIRELESS SERV 5/17 WTR BILL	06/16/17	257905	569.96-

AT&T MOBILITY							
Sum							876.13-
00009 AUTOMOTIVE GLASS SPECIAL	I215450	00170694	16001133	WINDOW REPR U#15646 TORNADO	06/16/17	257909	225.00-

AUTOMOTIVE GLASS SPECIAL							
Sum							225.00-
00009 BADGER METER INC	298189	00170771	16001073	MNT 7/17-7/18 READ CENTER	06/16/17	257912	1,652.52-

BADGER METER INC							
Sum							1,652.52-
00009 BENNETT'S LOCK & KEY SHO	65308	00170359	16001164	ENTRY DOOR LOCKS/KEYS WTR PLT	06/16/17	257917	172.50-

BENNETT'S LOCK & KEY SHO							
Sum							172.50-
00009 BLOSSMAN GAS INC	53649	00169351	16001153	PROPANE PLANT FORKLIFT	06/16/17	257922	72.00-

BLOSSMAN GAS INC							
Sum							72.00-
00009 BODY TECH INC	2999	00171083	16001155	TOWING U#11519 WTR BILLING	06/16/17	257924	65.00-

BODY TECH INC							
Sum							65.00-
00009 BONNER ANALYTICAL TESTIN	63335	00171004	16001143	NPDES MONITORING LAGOONS	06/16/17	257926	1,131.07-
00009 BONNER ANALYTICAL TESTIN	63396	00171041	16001156	SPECIAL BODS LAGOONS	06/16/17	257926	271.90-

BONNER ANALYTICAL TESTIN							
Sum							1,402.97-
00009 BOURNE BROTHERS PRINTING	61141	00170533	16001152	2016 DRINKING WATER REPORT	06/16/17	257927	1,050.00-

BOURNE BROTHERS PRINTING							
Sum							1,050.00-
00009 CENTRAL PIPE SUPPLY INC	S100099301.0	00170375	16001098	PLUMB SUPP WAREHOUSE STOCK	06/16/17	257946	863.82-
00009 CENTRAL PIPE SUPPLY INC	S100099301.0	00170375	16001099	PLUMB SUPP WAREHOUSE STOCK	06/16/17	257946	15.12-
00009 CENTRAL PIPE SUPPLY INC	S100099301.0	00170375	16001100	PLUMB SUPP WAREHOUSE STOCK	06/16/17	257946	119.34-

CENTRAL PIPE SUPPLY INC							
Sum							998.28-
00009 CERTIFIED LABORATORIES	2734009	00170586	16001139	HAND CLEANER/STING-X WTR PLTS	06/16/17	257947	720.00-

CERTIFIED LABORATORIES								
Sum								720.00-
00009	CHAIN ELECTRIC COMPANY	600304	00170766	16001087	KILL POWER S LAGOON CONTROL	06/16/17	257948	450.00-

CHAIN ELECTRIC COMPANY								
Sum								450.00-
00009	CINTAS CORPORATION #J66	J66543979	00170788	16001097	MOP/MAT 5/29 PLANT	06/16/17	257955	13.93-
00009	CINTAS CORPORATION #J66	J66544745	00171062	16001157	UNIFORMS 6/05 PLANT	06/16/17	257955	45.01-
00009	CINTAS CORPORATION #J66	J66544713	00171062	16001158	UNIFORMS 6/05 SEWER	06/16/17	257955	102.95-
00009	CINTAS CORPORATION #J66	J66544713	00171062	16001159	UNIFORMS 6/05 LAGOON	06/16/17	257955	19.12-
00009	CINTAS CORPORATION #J66	J66544745	00171062	16001160	MOP/MAT 6/05 PLANT	06/16/17	257955	13.93-
00009	CINTAS CORPORATION #J66	CREDIT	00171062	16001161	UNIFORM CREDIT	06/16/17	257955	114.40
00009	CINTAS CORPORATION #J66	J66544713	00171062	16001162	UNIFORMS 6/05 TRANS	06/16/17	257955	83.38-

CINTAS CORPORATION #J66								
Sum								163.92-
00009	CITY OF HATTIESBURG FUND TRF 1ST 6/17	02017562	16001103	TRF 1ST 6/17	PAYROLL	06/07/17	22034	81,966.31-

CITY OF HATTIESBURG FUND								
Sum								81,966.31-
00009	COBURN'S SUPPLY CO INC	6063203	00170503	16001101	PLUMB SUPP TRANS STOCK	06/16/17	257957	6,844.84-

COBURN'S SUPPLY CO INC								
Sum								6,844.84-
00009	COMSOUTH	184628	00166105	16001074	RADIO REPRS WTR BILLING	06/16/17	257961	719.73-
00009	COMSOUTH	186541	00170792	16001085	FLEET TRACKING	06/16/17	257961	1,275.00-
00009	COMSOUTH	186542	00170792	16001086	FLEET TRACKING	06/16/17	257961	1,275.00-

COMSOUTH								
Sum								3,269.73-
00009	COVINGTON SALES & SERVIC	76136	00170702	16001146	REPRS U#15916 SEWER	06/16/17	257968	3,154.98-

COVINGTON SALES & SERVIC								
Sum								3,154.98-
00009	DENNIS COLLIER CONSTRUCT	10105817	00171023	16001148	PO#169157 ADDL TORNADO 2017	06/16/17	257973	1,989.00-

DENNIS COLLIER CONSTRUCT								
Sum								1,989.00-
00009	EQUIPMENT INC	165501403	00167867	16001075	REPR U#125919 TORNADO 2017	06/16/17	257990	4,001.69-

EQUIPMENT INC								
Sum								4,001.69-
00009	G & K SERVICES	6035838492	00170775	16001089	UNIFORMS 5/22 TRANS	06/16/17	258017	130.01-
00009	G & K SERVICES	6035838495	00170775	16001090	UNIFORMS 5/22 PLANT	06/16/17	258017	50.51-
00009	G & K SERVICES	6035838493	00170775	16001091	UNIFORMS 5/22 SEWER	06/16/17	258017	54.60-
00009	G & K SERVICES	6035838494	00170775	16001092	UNIFORMS 5/22 LAGOON	06/16/17	258017	23.40-
00009	G & K SERVICES	6035840558	00170787	16001093	UNIFORMS 5/29 TRANS	06/16/17	258017	111.11-
00009	G & K SERVICES	6035840561	00170787	16001094	UNIFORMS 5/29 PLANT	06/16/17	258017	50.51-
00009	G & K SERVICES	6035840559	00170787	16001095	UNIFORMS 5/29 SEWER	06/16/17	258017	54.60-
00009	G & K SERVICES	6035840560	00170787	16001096	UNIFORMS 5/29 LAGOON	06/16/17	258017	23.40-

G & K SERVICES								
Sum								498.14-
00009	GARNER LUMLEY ELECTRIC S	537469	00170481	16001102	ELEC SUPP 63RD ST LIFT STA	06/16/17	258020	363.80-
00009	GARNER LUMLEY ELECTRIC S	538036	00170863	16001169	ELEC SUPP LAGOONS	06/16/17	258020	68.24-

GARNER LUMLEY ELECTRIC S								
Sum								432.04-
00009	GILLILANDS ELECTRONICS S	64185	00170730	16001072	PHONE MNT 6/17-6/18 WTR BILNG	06/16/17	258026	393.00-

GILLILANDS ELECTRONICS S								
Sum								393.00-
00009	HACH COMPANY	10474588	00170711	16001138	CHEMICALS WTR PLANT	06/16/17	258039	1,080.00-
00009	HACH COMPANY	10474588	FRT 00170975	16001141	FREIGHT CHARGE PO#170711	06/16/17	258039	66.39-

HACH COMPANY								
Sum								1,146.39-
00009	L & A CONTRACTING CO	483-083	00171005	16001145	AERATOR MNT 5/22-6/4 LAGOONS	06/16/17	258092	30,352.58-

L & A CONTRACTING CO								
Sum								30,352.58-
00009	MCELHANEY PLUMBING INC	257091	00170885	16001163	HAND TOOLS WTR SERVICE MEN	06/16/17	258114	173.70-

MCELHANEY PLUMBING INC								
Sum								173.70-
00009	MCMULLAN EQUIPMENT CO	376074	00170320	16001147	REPRS U#20054 SEWER	06/16/17	258119	136.00-

MCMULLAN EQUIPMENT CO								
Sum								136.00-
00009	MOTOROLA CUSTOMER CONNEC	13164529	00170661	16001154	RADIOS WATER PLANT	06/16/17	258138	26,299.65-

MOTOROLA CUSTOMER CONNEC								
Sum								26,299.65-
00009	MS MUNICIPAL LEAGUE	REG FRIERSON	00170917	16001135	REG FRIERSON CONF BILOXI	06/16/17	258143	235.00-

MS MUNICIPAL LEAGUE								
Sum								235.00-
00009	MS POWER COMPANY	6/17 W&SO&M	00201717	16001166	MNTHLY ELEC-W&SO&M	06/16/17	258144	34,239.16-

MS POWER COMPANY								
Sum								34,239.16-
00009	NEWELL PAPER COMPANY	4002374	00170372	16001134	JANIT SUPP WTR PLANT	06/16/17	258154	340.74-

NEWELL PAPER COMPANY								
Sum								340.74-
00009	OFFICE DEPOT INC	928708393001	00170418	16001076	PRINTER INK WTR PLANTS	06/16/17	258158	371.48-

OFFICE DEPOT INC								
Sum								371.48-
00009	PEARL RIVER VALLEY EPA (	6/17 W&SO&M	00201717	16001150	MNTHLY 6/17 PUBLIC SERVICES	06/16/17	258167	6,732.26-

PEARL RIVER VALLEY EPA (								

Sum								6,732.26-
00009	PUCKETT MACHINERY COMPAN	586043	00167902	16001137	GLASS REPR U#18556 TORNADO	06/16/17	258185	4,387.32-

PUCKETT MACHINERY COMPAN								
Sum								4,387.32-
00009	PUCKETT RENTS	585101-0002	00170790	16001077	MINI EXCAVATOR TORNADO 2017	06/16/17	258186	3,939.00-
00009	PUCKETT RENTS	585762-0002	00170790	16001078	COMPRESSOR TORNADO 2017	06/16/17	258186	802.95-
00009	PUCKETT RENTS	585762-0003	00170790	16001079	COMPRESSOR TORNADO 2017	06/16/17	258186	802.95-
00009	PUCKETT RENTS	585762-0004	00170790	16001080	COMPRESSOR TORNADO 2017	06/16/17	258186	390.03-
00009	PUCKETT RENTS	594339	00169081	16001088	REPR COMPRESSORS TORNADO 2017	06/16/17	258186	12,477.50-

PUCKETT RENTS								
Sum								18,412.43-
00009	RICOH CORP	5048638992 W	00170946	16001136	PRODUCTION PRINTER CHARGES	06/16/17	258192	109.11-

RICOH CORP								
Sum								109.11-
00009	RJM MCQUEEN CONTRACTING	1243	00170745	16001081	SWR REPR MILDRED & STANLEY	06/16/17	258195	7,470.65-
00009	RJM MCQUEEN CONTRACTING	1244	00170745	16001082	SWR REPR S 17TH AVE/CONCART	06/16/17	258195	8,187.85-
00009	RJM MCQUEEN CONTRACTING	1245	00170745	16001083	SWR REPR S 16TH AVE/CAMP	06/16/17	258195	7,570.30-
00009	RJM MCQUEEN CONTRACTING	1246	00170745	16001084	SWR REPR W 7TH ST & EUPORA	06/16/17	258195	12,061.00-
00009	RJM MCQUEEN CONTRACTING	1247	00171002	16001144	SEWER REPR W 7TH/SERVICE RD	06/16/17	258195	6,735.05-

RJM MCQUEEN CONTRACTING								
Sum								42,024.85-
00009	SECURITY BLANKET	94116	00168323	16001165	CAMERAS PLT#2 TORNADO 2017	06/16/17	258208	4,610.50-

SECURITY BLANKET								
Sum								4,610.50-
00009	SOUTHERN PINE ELECTRIC P	6/17 W&SO&M	00201717	16001149	MNTHLY 6/17 PUBLIC SERVICES	06/16/17	258228	1,729.26-

SOUTHERN PINE ELECTRIC P								
Sum								1,729.26-
00009	WARREN PAVING INC	191	00169741	16001104	HOT ASPHALT MIX	06/16/17	258274	344.22-
00009	WARREN PAVING INC	209	00169741	16001105	HOT ASPHALT MIX	06/16/17	258274	317.89-
00009	WARREN PAVING INC	216	00169741	16001106	HOT ASPHALT MIX	06/16/17	258274	726.43-
00009	WARREN PAVING INC	223	00169741	16001107	HOT ASPHALT MIX	06/16/17	258274	515.13-
00009	WARREN PAVING INC	232	00169741	16001108	HOT ASPHALT MIX	06/16/17	258274	624.14-
00009	WARREN PAVING INC	242	00169741	16001109	HOT ASPHALT MIX	06/16/17	258274	842.19-
00009	WARREN PAVING INC	295	00169741	16001110	HOT ASPHALT MIX	06/16/17	258274	422.02-
00009	WARREN PAVING INC	301	00169741	16001111	HOT ASPHALT MIX	06/16/17	258274	265.22-
00009	WARREN PAVING INC	649	00169741	16001112	HOT ASPHALT MIX	06/16/17	258274	548.19-
00009	WARREN PAVING INC	689	00169741	16001113	HOT ASPHALT MIX	06/16/17	258274	379.15-
00009	WARREN PAVING INC	696	00169741	16001114	HOT ASPHALT MIX	06/16/17	258274	352.19-
00009	WARREN PAVING INC	718	00169741	16001115	HOT ASPHALT MIX	06/16/17	258274	373.01-
00009	WARREN PAVING INC	732	00169741	16001116	HOT ASPHALT MIX	06/16/17	258274	271.34-
00009	WARREN PAVING INC	762	00169741	16001117	HOT ASPHALT MIX	06/16/17	258274	377.30-
00009	WARREN PAVING INC	900	00169741	16001118	HOT ASPHALT MIX	06/16/17	258274	791.35-
00009	WARREN PAVING INC	916	00169741	16001119	HOT ASPHALT MIX	06/16/17	258274	191.71-
00009	WARREN PAVING INC	921	00169741	16001120	HOT ASPHALT MIX	06/16/17	258274	70.44-
00009	WARREN PAVING INC	923	00169741	16001121	HOT ASPHALT MIX	06/16/17	258274	71.66-
00009	WARREN PAVING INC	928	00169741	16001122	HOT ASPHALT MIX	06/16/17	258274	439.78-

00009	WARREN PAVING INC	950	00169741 16001123	HOT ASPHALT MIX	06/16/17	258274	238.27-
00009	WARREN PAVING INC	1075	00169741 16001124	HOT ASPHALT MIX	06/16/17	258274	276.24-
00009	WARREN PAVING INC	1080	00169741 16001125	HOT ASPHALT MIX	06/16/17	258274	308.70-
00009	WARREN PAVING INC	1095	00169741 16001126	HOT ASPHALT MIX	06/16/17	258274	317.89-
00009	WARREN PAVING INC	1106	00169741 16001127	HOT ASPHALT MIX	06/16/17	258274	300.74-

WARREN PAVING INC							
Sum							9,365.20-
00009	WATKINS & EAGAR	377907	00170878 16001128	SRV GRNDWORK THOMAS VS CITY	06/16/17	258278	159.60-
00009	WATKINS & EAGAR	377916	00170878 16001129	SRV GULF RESTORATION NETWORK	06/16/17	258278	26,857.80-
00009	WATKINS & EAGAR	378372	00170878 16001130	SRV GULF RESTORATION NETWORK	06/16/17	258278	12,295.50-
00009	WATKINS & EAGAR	379032	00170878 16001131	SRV GRNDWORK BLANTON VS CITY	06/16/17	258278	487.50-
00009	WATKINS & EAGAR	379031	00170900 16001132	SRV GULF RESTORATION NETWORK	06/16/17	258278	9,815.50-

WATKINS & EAGAR							
Sum							49,615.90-
00009	WILLMUT GAS & OIL COMPAN 6/17 W&SO&M	00201717 16001151	MNTHLY GAS-W&SO&M		06/16/17	258285	158.36-

WILLMUT GAS & OIL COMPAN							
Sum							158.36-

Sum							341,435.94-

CITY OF HATTIESBURG

DOCKET OF CLAIMS

Date - 06/15/17

PERIOD ENDING JUNE 16, 2017

Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
WATER & SEWER FUND							
00011 AULTMAN, ALEXANDRA	METER DEP RF	02017586	16000710	METER DEP RFD	06/16/17	257906	9.80-
AULTMAN, ALEXANDRA							
Sum							9.80-
00011 AULTMAN, JOSHUA H	METER DEP RF	02017586	16000713	METER DEP RFD	06/16/17	257907	.16-
AULTMAN, JOSHUA H							
Sum							.16-
00011 CAPTAIN, DEVONNE	METER DEP RF	02017586	16000707	METER DEP RFD	06/16/17	257941	26.52-
CAPTAIN, DEVONNE							
Sum							26.52-
00011 CITY OF HATTIESBURG FUND 5/17 WATER D	02017554	16000682	5/17 WATER DIST 6/17	06/02/17	311428	594,479.51-	
CITY OF HATTIESBURG FUND							
Sum							594,479.51-
00011 DUCKWORTH, DEREK	METER DEP RF	02017586	16000726	METER DEP RFD	06/16/17	257978	19.44-
DUCKWORTH, DEREK							
Sum							19.44-
00011 EWELL, CLARISSA	METER DEP RF	02017586	16000709	METER DEP RFD	06/16/17	257993	11.63-
EWELL, CLARISSA							
Sum							11.63-
00011 FARRIS JOHNNY	WTR OVRPMT R	02017585	16000685	WTR OVRPMT RFD	06/16/17	257998	92.98-
00011 FARRIS JOHNNY	METER DEP RF	02017586	16000695	METER DEP RFD	06/16/17	257998	75.00-
FARRIS JOHNNY							
Sum							167.98-
00011 GALE, TENEAKIA L	METER DEP RF	02017586	16000690	METER DEP RFD	06/16/17	258019	40.00-
GALE, TENEAKIA L							
Sum							40.00-
00011 GAUDET SHEILA E	WTR OVRPMT R	02017585	16000686	WTR OVRPMT RFD	06/16/17	258021	166.16-
00011 GAUDET SHEILA E	METER DEP RF	02017586	16000697	METER DEP RFD	06/16/17	258021	75.00-
GAUDET SHEILA E							
Sum							241.16-
00011 GENTRY, CHRISTINA	METER DEP RF	02017586	16000717	METER DEP RFD	06/16/17	258022	19.44-
GENTRY, CHRISTINA							
Sum							19.44-
00011 GLENN, RAY	METER DEP RF	02017586	16000720	METER DEP RFD	06/16/17	258028	26.00-
GLENN, RAY							

Sum						26.00-
00011 MARTINOLICH, HARRY	METER DEP RF 02017586 16000702	METER DEP RFD	06/16/17	258110		15.76-

MARTINOLICH, HARRY						
Sum						15.76-
00011 MERLE NORMAN COSMETICS	METER DEP RF 02017586 16000689	METER DEP RFD	06/16/17	258122		6.88-

MERLE NORMAN COSMETICS						
Sum						6.88-
00011 MILLER, AMY S 400	METER DEP RF 02017586 16000732	METER DEP RFD	06/16/17	258125		26.00-

MILLER, AMY S 400						
Sum						26.00-
00011 MILLER, AMY VELMA	METER DEP RF 02017586 16000724	METER DEP RFD	06/16/17	258126		26.00-

MILLER, AMY VELMA						
Sum						26.00-
00011 MILLER, CHARNETTE L	METER DEP RF 02017586 16000691	METER DEP RFD	06/16/17	258127		26.00-

MILLER, CHARNETTE L						
Sum						26.00-
00011 NECAISE, ASHLYN	METER DEP RF 02017586 16000728	METER DEP RFD	06/16/17	258149		26.00-

NECAISE, ASHLYN						
Sum						26.00-
00011 NEUENDORF, MICHAEL	METER DEP RF 02017586 16000722	METER DEP RFD	06/16/17	258153		26.00-

NEUENDORF, MICHAEL						
Sum						26.00-
00011 NEWMAN, CHRISTOPHER	METER DEP RF 02017586 16000701	METER DEP RFD	06/16/17	258155		26.00-

NEWMAN, CHRISTOPHER						
Sum						26.00-
00011 NURKIN, EVA	METER DEP RF 02017586 16000694	METER DEP RFD	06/16/17	258157		26.00-

NURKIN, EVA						
Sum						26.00-
00011 OSBORNE , CHARLES	METER DEP RF 02017586 16000708	METER DEP RFD	06/16/17	258160		19.44-

OSBORNE , CHARLES						
Sum						19.44-
00011 REESE, DAWAIN D	METER DEP RF 02017586 16000692	METER DEP RFD	06/16/17	258189		26.00-

REESE, DAWAIN D						
Sum						26.00-
00011 ROBERTS, CHARLSEY	METER DEP RF 02017586 16000723	METER DEP RFD	06/16/17	258197		26.00-

ROBERTS, CHARLSEY						
Sum						26.00-
00011 RUSSELL, CYNTHIA	METER DEP RF 02017586 16000688	METER DEP RFD	06/16/17	258201		30.00-

RUSSELL, CYNTHIA						

Sum									30.00-
00011	SCULLY, KRAY A	METER DEP RF	02017586	16000705	METER DEP RFD		06/16/17	258207	23.00-

SCULLY, KRAY A									
Sum									23.00-
00011	SILVER, SARAH	METER DEP RF	02017586	16000714	METER DEP RFD		06/16/17	258215	26.00-

SILVER, SARAH									
Sum									26.00-
00011	SMITH, JARED	METER DEP RF	02017586	16000731	METER DEP RFD		06/16/17	258217	75.00-

SMITH, JARED									
Sum									75.00-
00011	SMITH, MATTHEWW	METER DEP RF	02017586	16000716	METER DEP RFD		06/16/17	258220	26.00-

SMITH, MATTHEWW									
Sum									26.00-
00011	SOUTHERN COURT SERVICES,	METER DEP RF	02017586	16000712	METER DEP RFD		06/16/17	258224	26.00-

SOUTHERN COURT SERVICES,									
Sum									26.00-
00011	STADALIS, DANIEL	METER DEP RF	02017586	16000727	METER DEP RFD		06/16/17	258233	26.00-

STADALIS, DANIEL									
Sum									26.00-
00011	SZABO, ANDREA L	METER DEP RF	02017586	16000696	METER DEP RFD		06/16/17	258243	23.00-

SZABO, ANDREA L									
Sum									23.00-
00011	TRANSTITLE PROERTIES INC	METER DEP RF	02017586	16000734	METER DEP RFD		06/16/17	258250	26.00-

TRANSTITLE PROERTIES INC									
Sum									26.00-
00011	VALENTINE, RHEA	METER DEP RF	02017586	16000721	METER DEP RFD		06/16/17	258260	19.44-

VALENTINE, RHEA									
Sum									19.44-
00011	WADDLE, BENJAMIN W	METER DEP RF	02017586	16000703	METER DEP RFD		06/16/17	258268	26.00-

WADDLE, BENJAMIN W									
Sum									26.00-
00011	WANG, WEI SHIANG	METER DEP RF	02017586	16000699	METER DEP RFD		06/16/17	258272	26.00-

WANG, WEI SHIANG									
Sum									26.00-
00011	WILLIAMS, VALEN	WTR OVRPMT R	02017585	16000687	WTR OVRPMT RFD		06/16/17	258284	26.60-
00011	WILLIAMS, VALEN	METER DEP RF	02017586	16000719	METER DEP RFD		06/16/17	258284	75.00-

WILLIAMS, VALEN									
Sum									101.60-
00011	WILSON, JACK R	METER DEP RF	02017586	16000700	METER DEP RFD		06/16/17	258286	16.44-

WILSON, JACK R
Sum

16.44-

Sum

598,991.20-

Date - 06/15/17

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CITY B & I

00013 HANCOCK BANK CORP TRUST 10 GO RFDG B 02017561 16000012 10 GO RFDG BOND PYMT

06/07/17	111883	156,800.00-
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HANCOCK BANK CORP TRUST

Sum

156,800.00-

Sum

156,800.00-

Date - 06/15/17

Check No.	Check Amount
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Date - 06/15/17

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TAX COLLECTOR'S FUND

00027 CITY OF HATTIESBURG FUND MILLAGE DIST 02017557 16000088 MILLAGE DIST TO TIF

06/02/17

311429

250,000.00-

CITY OF HATTIESBURG FUND

Sum

00027 LIBRARY, THE

5/17 MILLAGE 02017550 16000087 5/17 MILLAGE DIST 6/17

06/02/17

311419

250,000.00-

13,358.98-

LIBRARY, THE

Sum

13,358.98-

Sum

263,358.98-

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AIRPORT IMPROVEMENT FUND

00039 ARE CONSULTANTS INC

170428B

00170979

1600002'

BID ASSIST AIRPT TAXIWAY

06/16/17

257897

4,437.99-

00039 ARE CONSULTANTS INC

160405L

00170980

16000028

SRV RUNWAY 13-31 APPRCH LITES

06/16/17

257897

2,553.59-

ARE CONSULTANTS INC

Sum

6,991.58-

Sum

6,991.58-

00073 MCMULLAN EQUIPMENT CO	376200	00170467 16000342 ROTATE TIRES/OIL CHG U#20092	06/16/17	258119	73.00-

MCMULLAN EQUIPMENT CO					73.00-
Sum					867.00-
00073 MOBILITY SYSTEMS INC	6726	00170402 16000344 REPRS U#15648	06/16/17	258131	867.00-

MOBILITY SYSTEMS INC					867.00-
Sum					4,900.00-
00073 OVERHEAD DOOR CO OF HBUR 81300		00169883 16000340 REMOVE/INSTALL DOORS TEMP LOC	06/16/17	258161	4,900.00-

OVERHEAD DOOR CO OF HBUR					4,900.00-
Sum					-----
Sum					33,861.20-

Date - 06/15/17

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WATER&SEWER CONSTRUCTION FUND

00075 RJM MCQUEEN CONTRACTING

1242

00170745

16000074

SWR REPR GREEN ST & ST JOSE

06/16/17

258195

87,961.30-

RJM MCQUEEN CONTRACTING

Sum

00075 SHOWS DEARMAN & WAITS IN 19687

00170974

16000075

SRV INFLOW/INFILTRATION STUDY

06/16/17

258213

87,961.30-

296,526.33-

SHOWS DEARMAN & WAITS IN

Sum

296,526.33-

Sum

384,487.63-

CITY OF HATTIESBURG

DOCKET OF CLAIMS

Date - 06/15/17

PERIOD ENDING JUNE 16, 2017

Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
COMMUNITY CENTERS' FUND							
00077 AT&T MOBILITY	287273578351	00171096	16000339	WIRELESS SERV 5/17 COMM CNTRS	06/16/17	257905	60.22-

AT&T MOBILITY							
Sum							60.22-
00077 BAHAM, LETISHA (REFUND)	SIGLER CENTE	02017567	16000331	DAMAGE DEPOSIT REFUND	06/16/17	257913	100.00-

BAHAM, LETISHA (REFUND)							
Sum							100.00-
00077 CAMERON ELECTRIC MOTOR C 31276		00170721	16000315	MOTOR INDOOR A/C UNIT	06/16/17	257940	312.00-

CAMERON ELECTRIC MOTOR C							
Sum							312.00-
00077 CITY OF HATTIESBURG FUND TRF 1ST 6/17	02017562	16000325	TRF 1ST 6/17	PAYROLL	06/07/17	311430	17,107.11-

CITY OF HATTIESBURG FUND							
Sum							17,107.11-
00077 COTTON, VIOLA (REFUND)	SIGLER CENTE	02017567	16000337	DAMAGE DEPOSIT REFUND	06/16/17	257964	100.00-

COTTON, VIOLA (REFUND)							
Sum							100.00-
00077 DOBBINS, TATYANA (REFUND)	MCNAIR CENTE	02017567	16000332	DAMAGE DEPOSIT REFUND	06/16/17	257976	100.00-

DOBBINS, TATYANA (REFUND)							
Sum							100.00-
00077 FLOYD PLUMBING COMPANY	4891	00168796	16000316	PLUMB REPRS CE ROY CENTER	06/16/17	258003	2,728.25-
00077 FLOYD PLUMBING COMPANY	4892	00168828	16000317	INSTALL TOILETS CE ROY CENTER	06/16/17	258003	680.00-

FLOYD PLUMBING COMPANY							
Sum							3,408.25-
00077 G & K SERVICES	6035840553	00170772	16000318	UNIFORMS 5/29 COMM CNTRS	06/16/17	258017	43.12-
00077 G & K SERVICES	6035832307	00170772	16000319	UNIFORMS 5/01 COMM CNTRS	06/16/17	258017	43.12-
00077 G & K SERVICES	6035834369	00170772	16000320	UNIFORMS 5/08 COMM CNTRS	06/16/17	258017	43.12-
00077 G & K SERVICES	6035836435	00170772	16000321	UNIFORMS 5/15 COMM CNTRS	06/16/17	258017	43.12-
00077 G & K SERVICES	6035838487	00170772	16000322	UNIFORMS 5/22 COMM CNTRS	06/16/17	258017	43.12-

G & K SERVICES							
Sum							215.60-
00077 GILLILANDS ELECTRONICS S 64311		00170530	16000326	PHONE SYSTEM SHERRILL CENTER	06/16/17	258026	2,182.50-

GILLILANDS ELECTRONICS S							
Sum							2,182.50-
00077 HUGHES SUPPLY	S150218189.0	00170549	16000323	A/C REPR PTS SHERRILL CENTER	06/16/17	258061	240.87-
00077 HUGHES SUPPLY	S150218189.0	00170549	16000324	A/C REPR PTS SHERRILL CENTER	06/16/17	258061	35.85-

HUGHES SUPPLY							

Sum								276.72-
00077 MCELHANEY PLUMBING INC	257204		00170932 16000329 PLUMB SUPP SHERRILL RESTROOM		06/16/17	258114	34.85-	

MCELHANEY PLUMBING INC								
Sum							34.85-	
00077 MOLETTE. CAROLYN (REFUND SIGLER CENTE	02017567	16000338	DAMAGE DEPOSIT REFUND		06/16/17	258132	100.00-	

MOLETTE. CAROLYN (REFUND								
Sum							100.00-	
00077 MS POWER COMPANY	6/17 COMM CN	00201717	16000330 MNTHLY ELEC-COMM CENTERS		06/16/17	258144	3,194.93-	

MS POWER COMPANY								
Sum							3,194.93-	
00077 PETERS, LUCINDA (REFUND) SHERRILL CEN	02017567	16000335	DAMAGE DEPOSIT REFUND		06/16/17	258170	100.00-	

PETERS, LUCINDA (REFUND)								
Sum							100.00-	
00077 PREMIER TABLE LINENS	64463N		00170894 16000328 TRASH COVERS COMM CENTERS		06/16/17	258183	212.29-	

PREMIER TABLE LINENS								
Sum							212.29-	
00077 RICHARDSON, STEFFON J (SHERRILL CEN	02017567	16000333	DAMAGE DEPOSIT REFUND		06/16/17	258191	100.00-	

RICHARDSON, STEFFON J (								
Sum							100.00-	
00077 THOMPSON, EMILY (REFUND) CE ROY CENTE	02017567	16000336	DAMAGE DEPOSIT REFUND		06/16/17	258248	100.00-	

THOMPSON, EMILY (REFUND)								
Sum							100.00-	
00077 TRIPLETT, LAKESHIA (REFU CE ROY CENTE	02017567	16000334	DAMAGE DEPOSIT REFUND		06/16/17	258254	100.00-	

TRIPLETT, LAKESHIA (REFU								
Sum							100.00-	
00077 WILLMUT GAS & OIL COMPAN	6/17 COMM CN	00201717	16000327 MNTHLY GAS-COMM CENTERS		06/16/17	258285	227.01-	

WILLMUT GAS & OIL COMPAN								
Sum							227.01-	

Sum							28,031.48-	

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INDUSTRIAL PARK DEVELOPMENT

00087 AREA DEVELOPMENT PARTNER 259

00170830 16000030 IND PK ADM FEES Q/E 6/30/17

06/16/17

257898

875.00-

AREA DEVELOPMENT PARTNER

Sum

875.00-

Sum

875.00-

Grand Total Level

Sum

3,974,004.76-